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UNIVERSITAT POLITÈCNICA DE CATALUNYA
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Escola Politècnica Superior d'Enginyeria
de Vilanova i la Geltrú

Publicacions científiques de l'Escola Politècnica Superior d'Enginyeria de Vilanova i la Geltrú (EPSEVG)
2015-2020

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Biblioteca de l'EPSEVG

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16/12/21

Sumari

Introducció

Aquest informe vol donar resposta a la necessitat expressada per l'equip directiu de l'EPSEVG de conèixer el posicionament científic de la comunitat investigadora del Campus UPC Vilanova per tal d'identificar la recerca més rellevant del Campus. Així doncs, aquest treball recull les publicacions dels grups de recerca de l'Escola Politècnica Superior d'Enginyeria de Vilanova i la Geltrú (EPSEVG) durant els anys 2015-2020.

La informació de base s'ha extret, durant els mesos d'abril a octubre del 2021, del portal de la producció científica FUTUR[1] que fa visibles les publicacions introduïdes al sistema d'informació DRAC (Descriptor de la Recerca i l'Activitat Acadèmica) de la Universitat Politècnica de Catalunya. També s'ha utilitzat la base de dades Scopus[2] d'Elsevier i Web of Science per identificar els quartils de les revistes recuperades (JCR) i per elaborar el mapa de matèries.

Les publicacions científiques que s'han considerat per presentar en aquest informe són els articles de revista, les tesis doctorals, projectes competitius i no competitius i les patents. S'han exclòs els treballs presentats a congressos perquè no tenen un pes important en els processos d'avaluació i acreditació.

La metodologia es basa en la recollida de diversos indicadors bibliomètrics de la producció científica del personal docent i investigador (PDI) adscrit als grups de recerca de l'Escola Politècnica Superior d'Enginyeria de Vilanova i la Geltrú (EPSEVG) durant els anys 2015-2020 per tal d'oferir una visió qualitativa global. Els indicadors que s'han tingut en compte són: nombre d'articles, indexats a Scopus; nombre de revistes amb indicació de quartil, segons WOS; nombre de cites (exclusió d'autocites); nombre de projectes R+D+I competitius i no competitius; nombre de tesis dirigides i nombre patents.

L'estructura d'aquest informe es desplega des d'una visió general a una més específica. En el primer apartat s'analitzen les dades generals i globals, seguidament aquests dades es mostren en relació als grups de recerca. Existeix PDI sense assignació a cap grup de recerca o amb assignació a grups amb seu a altres campus o universitats, que no formen part d'aquest estudi.

[1] En la versió actualitzada a Maig 2021, anterior a la nova versió de Futur inaugurada el 03/02/2022.
[2] Base de dades produïda per Elsevier que engloba resums, referències i indicadors de les principals revistes de ciències, tecnologia, medicina i ciències socials. http://www.fecyt.es/es/recurso/scopus

Resum gràfic de l'informe

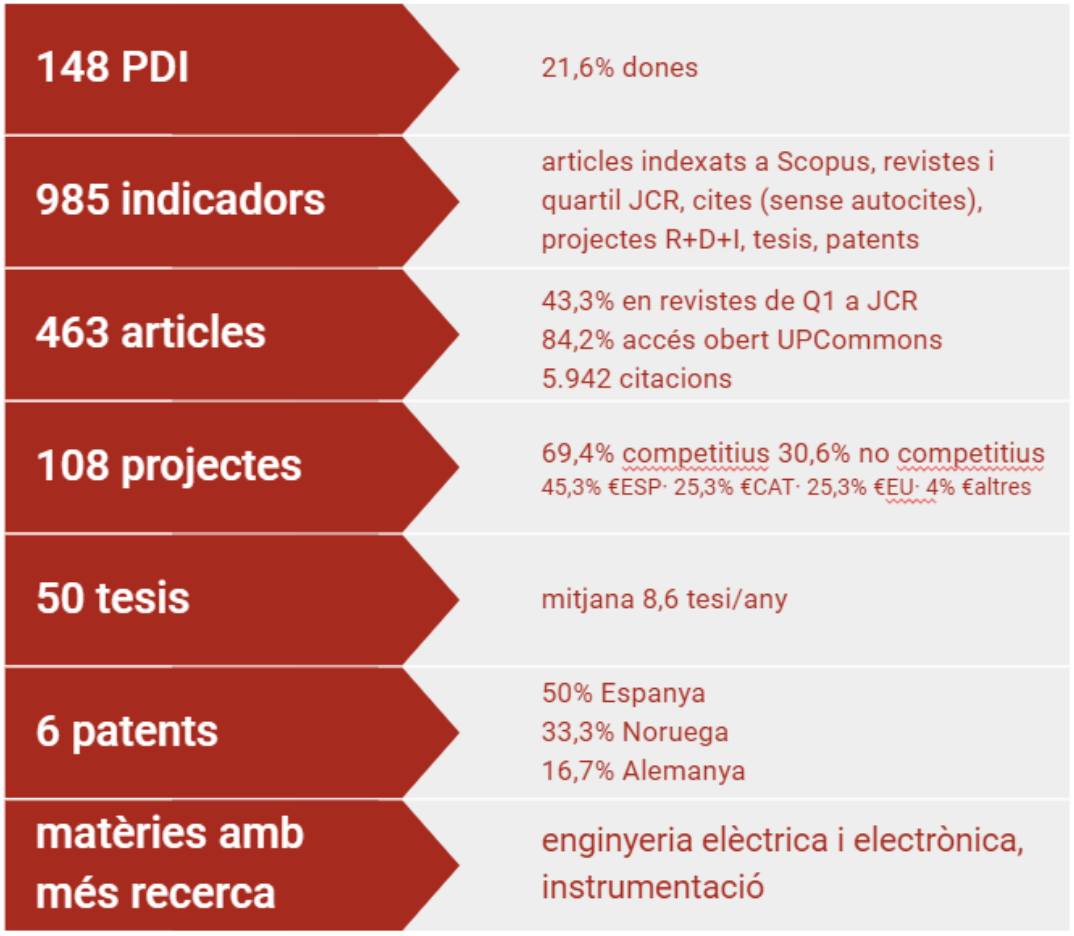


Figura 1: Resum gràfic de les dades més rellevants analitzades sobre la producció científica de l'EPSEVG en el període 2015-2020.
Font: elaboració pròpia.

Grups de recerca

El PDI[3] del Campus UPC Vilanova participa en diversos grups de recerca afincats a l'EPSEVG (**67'6%**). A continuació es proporciona l'enllaç al portal FUTUR de cadascun dels grups amb tota la informació dels investigadors/res, la xarxa de col·laboracions, les publicacions i els projectes d'R+D+I.

- AMPC - Anàlisi de materials de patrimoni cultural (grup de recerca UPC)
- CETpD - Centre d'Estudis Tecnològics per a l'Atenció a la Dependència i la Vida Autònoma (centre específic de recerca)
- CRAAX - Centre de Recerca d'Arquitectures Avançades de Xarxes (grup de recerca UPC)
- CDAL - Centre de Disseny d'Aliatges Lleugers i Tractaments de Superfície (grup de recerca UPC)
- GAECE - Grup d'Accionaments Elèctrics amb Commutació Electrònica (grup de recerca UPC)
- INSIDE - Innovació en Sistemes per al Disseny i la Formació a l'Enginyeria (grup de recerca UPC)
- LAB - Laboratori d'Aplicacions Bioacústiques (grup de recerca UPC)
- SARTI - Centre de Desenvolupament Tecnològic de Sistemes d'Adquisició Remota i Tractament de la Informació (Xarxa TECNIO / CIT)
- SARTI-MAR - Sistemes d'Adquisició Remota de dades i Tractament de la Informació en el Medi Marí (grup de recerca UPC)
- SEPIC o PECS - Sistemes Electrònics de Potència i de Control (grup de recerca UPC)

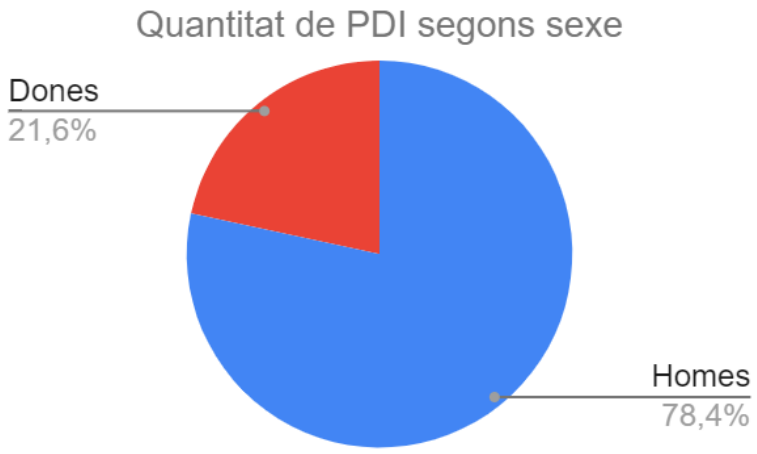
Existeix un **32'4%** de PDI no assignat a cap grup de recerca (professorat associat i altres) i un **8'6%** que està adscrit a grups de recerca d'altres centres de la UPC, com per exemple:

- R2EM (EEBE) - Resource Recovery and Environmental Management
- ACES (ETSEIB) - Control Avançat de Sistemes d´Energia
- STH (EEBE) - Sostenibilitat, Tecnologia i Humanisme
- TECNOFAB (ETSEIB) - Grup de Recerca en Tecnologies de Fabricació
- TN (FME) - Grup de Recerca en Teoria de Nombres
- WNG (Campus Nord) - Grup de xarxes sense fils
- BAMPLA (Castelldefels) - Disseny i Avaluació de Xarxes i Serveis de Banda Ampla

[3] Veure Annex 5 per consultar el llistat de PDI per assignació a grups de recerca.

Científiques a l'EPSEVG

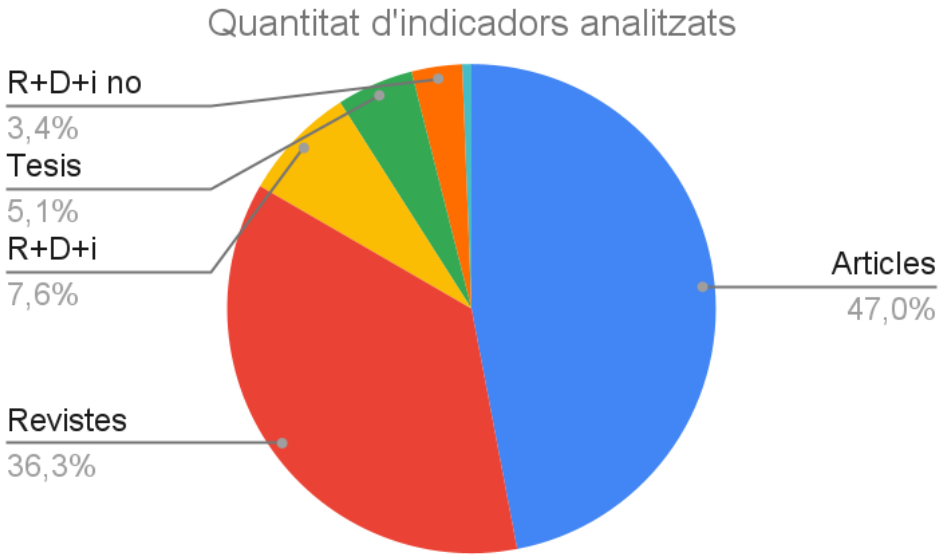
El percentatge de dones en el conjunt de PDI objecte d'aquest estudi és de **21'6%** d'un total de 148 persones.



Gràfica 1: Quantitat de PDI segons sexe. Font: elaboració pròpia.

Producció científica global

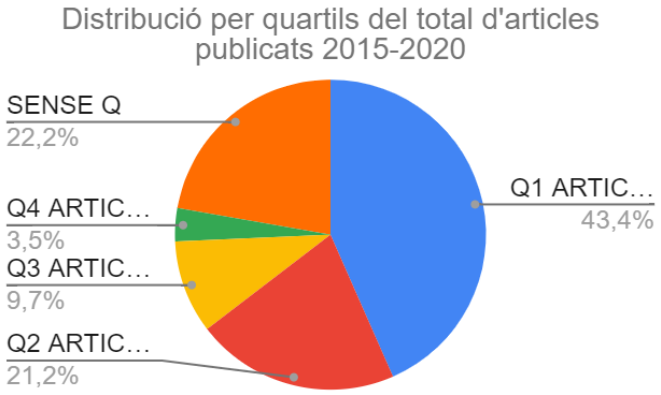
La producció científica global ha significat analitzar un total de **985** indicadors distribuïts majoritàriament en referències bibliogràfiques d'articles (47'1%) i títols de revista (36'4%), seguit de projectes de R+D+i competitius (7'6%) i no competitius (3'4%), tesis (5'1%) i patents, en menor nombre.

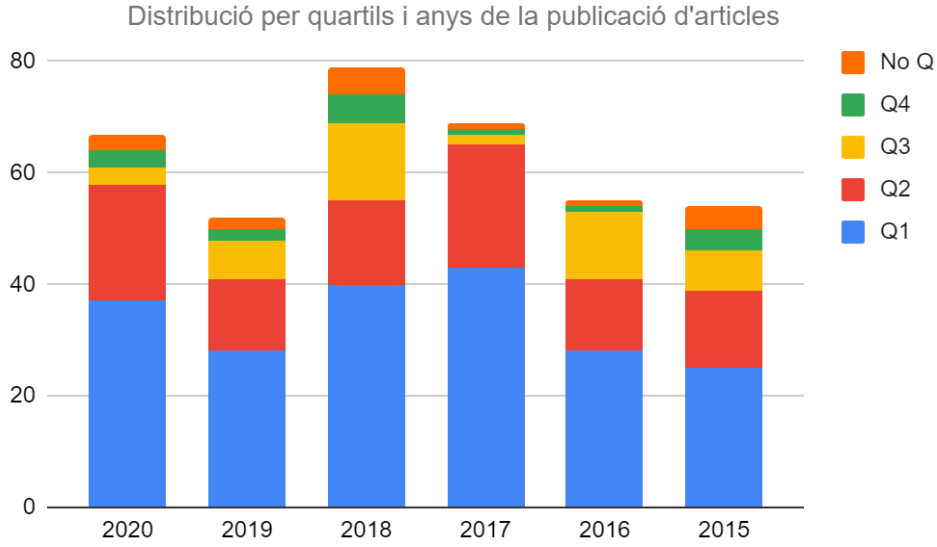


Gràfica 2: Proporció d'indicadors analitzats. Font: elaboració pròpia.

Articles i revistes

El major gruix de la producció se situa en la publicació d'articles en revistes científiques. D'aquests **463** articles totals publicats durant els anys 2015-2020, un **43'4%** han estat publicats en revistes de **Q1**, seguit d'un **21'2%** en revistes de **Q2**.



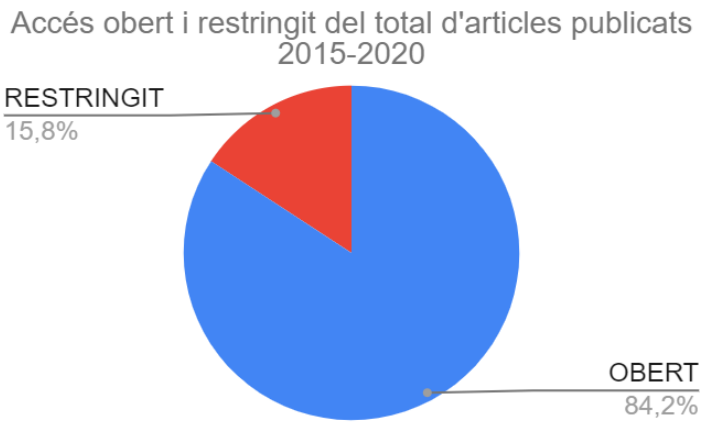


Gràfica 3: Distribució per quartils dels articles. Font: elaboració pròpia.

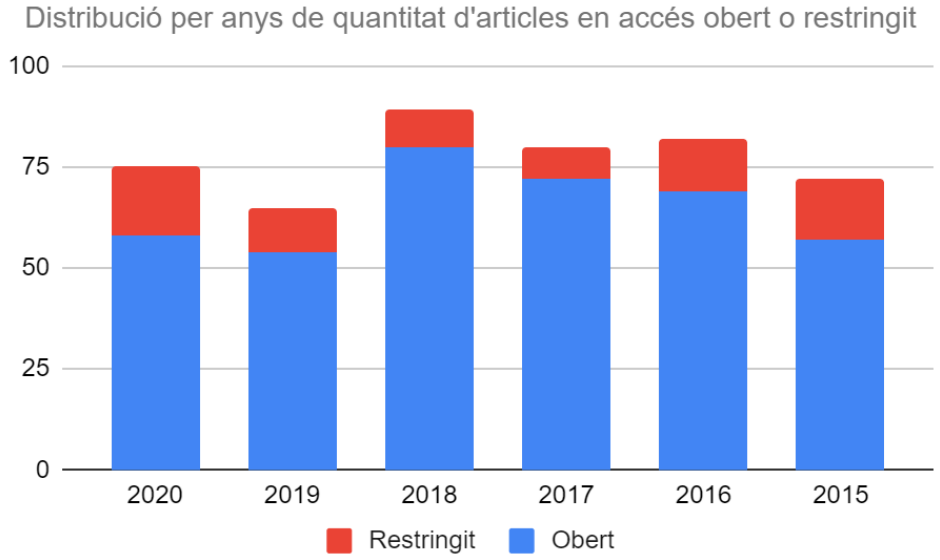
Gràfica 4: Distribució per quartils i anys de publicació. Font: elaboració pròpia.

La distribució per anys de la publicació d'articles segons el quartil de la revista mostra una tendència a l'alça des del 2015, marcat per la davallada en l'any Covid i una certa recuperació en el 2020. La mitjana de publicació d'articles se situa en un **77'2 articles/any**.

La publicació **en obert** també és una dada important de la publicació científica del Campus UPC Vilanova perquè assoleix el **84'2%** ja que el dipòsit de versions *preprints* a UPCommons garanteix una àmplia consecució dels mandats d'accés obert de la UPC i de les convocatòries de projectes.

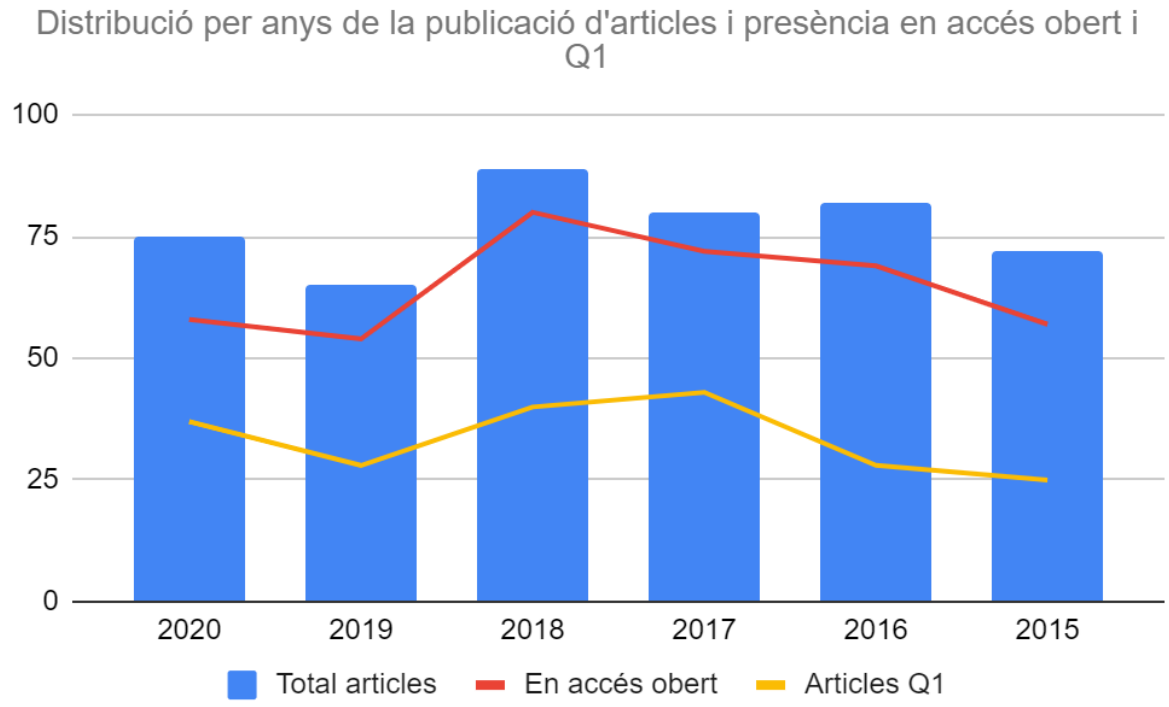


Gràfica 5: Accés obert/restringit dels articles. Font: elaboració pròpia.



Gràfica 6: Distribució per anys i accés obert/restringit. Font: elaboració pròpia.

Com a **resum** de les dades més significatives pel que fa a la publicació d'articles de revista, es mostra aquest gràfic destacant els articles totals publicats en el període 2015-2020 indicant el valor d'articles de revistes de Q1 i la proporció d'articles en accés obert. També s'inclou la taula de dades totals.



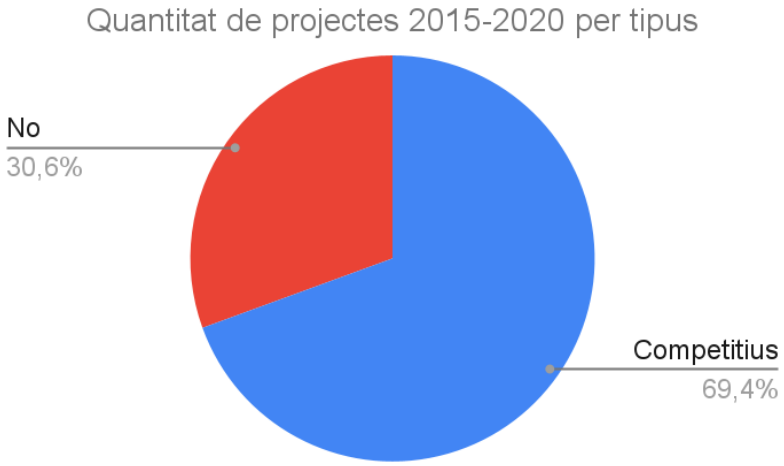
Gràfica 7: Vista resum: Distribució per anys de publicació d'articles i presencia en accés obert i Q1. Font: elaboració pròpia.

	TOTALS	2020	2019	2018	2017	2016	2015
TOTAL ARTICLES PUBLICATS	**463**	75	65	89	80	82	72
ACCÉS OBERT	**390**	58	54	80	72	69	57
ACCÉS RESTRINGIT	**73**	17	11	9	8	13	15
Q1 ARTICLES	**201**	37	28	40	43	28	25
Q2 ARTICLES	**98**	21	13	15	22	13	14
Q3 ARTICLES	**45**	3	7	14	2	12	7
Q4 ARTICLES	**16**	3	2	5	1	1	4
Q1 REVISTES	**156**	29	24	30	25	25	23
Q2 REVISTES	**72**	10	10	11	15	13	13
Q3 REVISTES	**41**	2	6	13	1	12	7
Q4 REVISTES	**15**	3	2	4	1	1	4
SENSE Q REVISTES	**103**	11	15	15	12	28	22

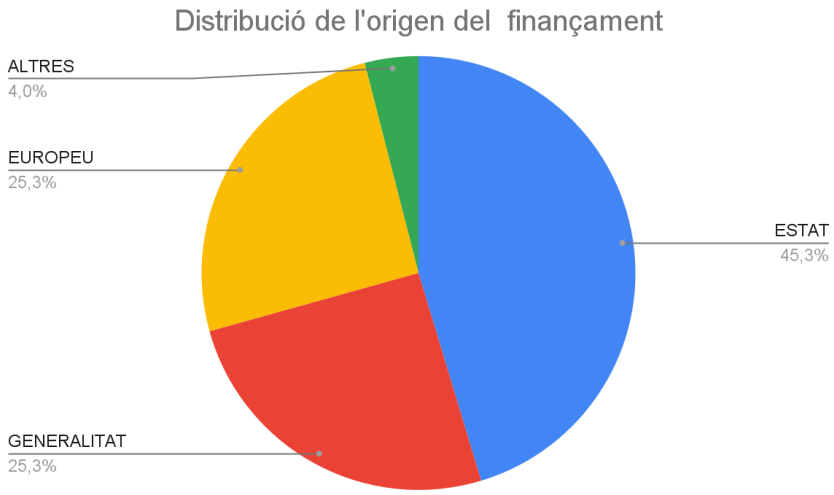
Taula 1: Publicació d'articles per anys i quartil de revista. Font: elaboració pròpia.

Projectes

S'han analitzat **108** projectes de R+D+i dels quals **75** són competitius (69'4%) i **33** no competitius (30,6%). Pel que fa a l'origen del finançament en el cas de projectes de R+D+i competitius, un **45'3%** obtenen finançament estatal, seguit d'un **25'3%** amb fons autonòmics, un **25'3%** finançament europeu i un **4%** d'altres fonts.



Gràfica 8: Proporció per tipus dels projectes. Font: elaboració pròpia.

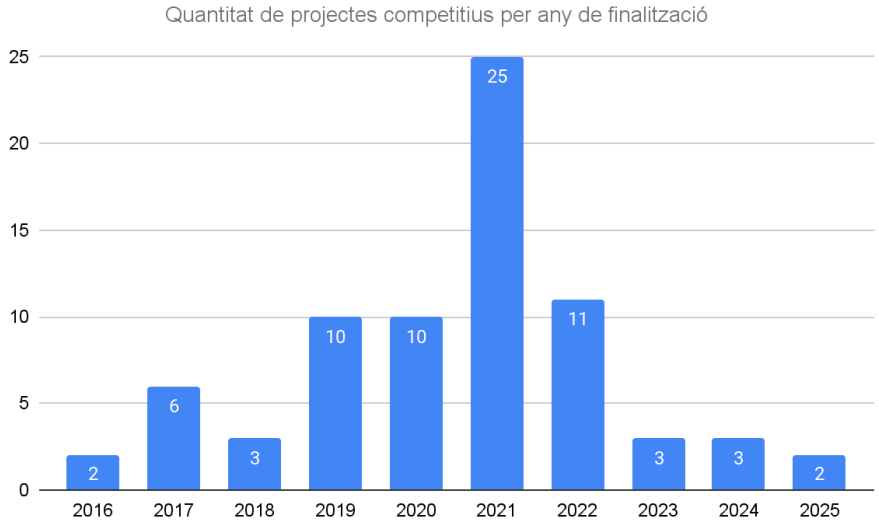


Gràfica 9: Proporció per finançament dels projectes. Font: elaboració pròpia.

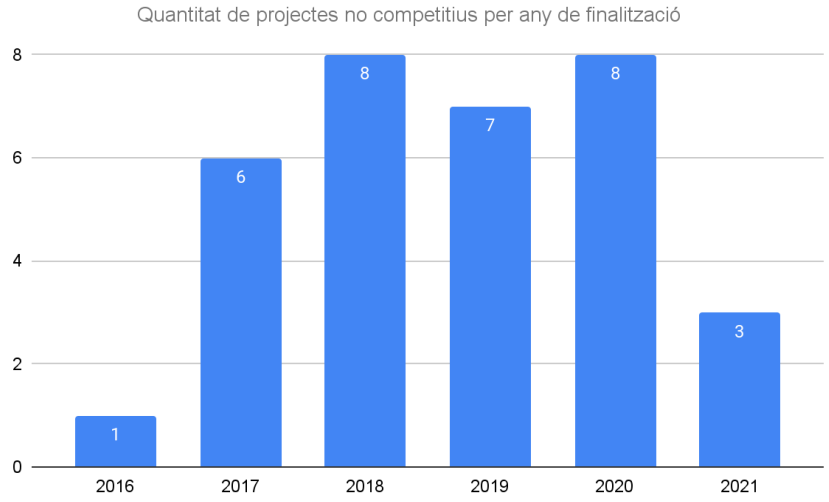
Per mostrar la distribució cronològica s'ha recollit només la data de finalització (real o prevista) ja que els projectes tenen diferent durada.

En el cas dels projectes competitius, es mostra un gran creixement que culmina en l'any 2021 amb **25** projectes on finalitzaran bona part dels projectes, tot i que, hores d'ara existeixen **19** projectes que continuen o comencen en el període 2022-2025.

En el cas dels projectes no competitius, es denota una davallada entre la tendència dels últims anys (entre 7 i 8 projectes) respecte l'any 2021 (3 projectes).



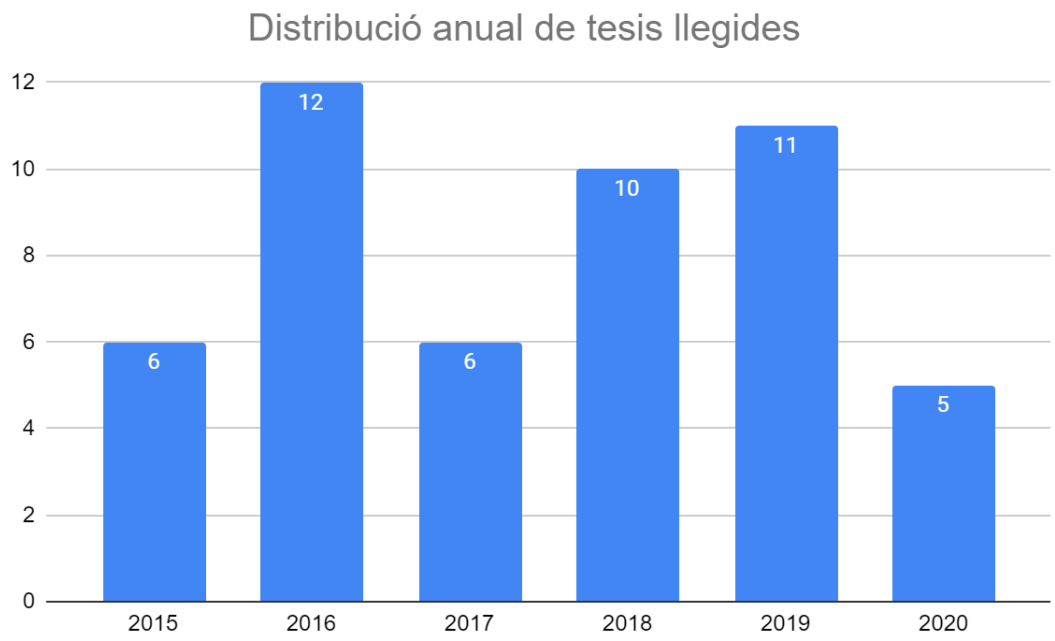
Gràfica 10: Projectes competitius i any. Font: elaboració pròpia.



Gràfica 11: Projectes no competitius i any. Font: elaboració pròpia.

Tesis

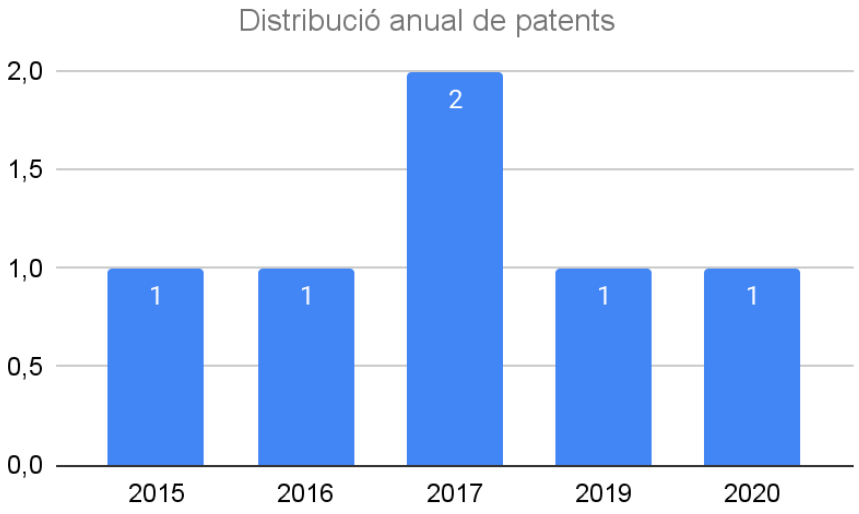
Durant el període 2015-2020 s'han publicat **50** tesis, localitzades majoritàriament en els anys 2016, 2018 i 2019. No es mostra una tendència estable. La mitjana és de de 8,3 tesis per any.



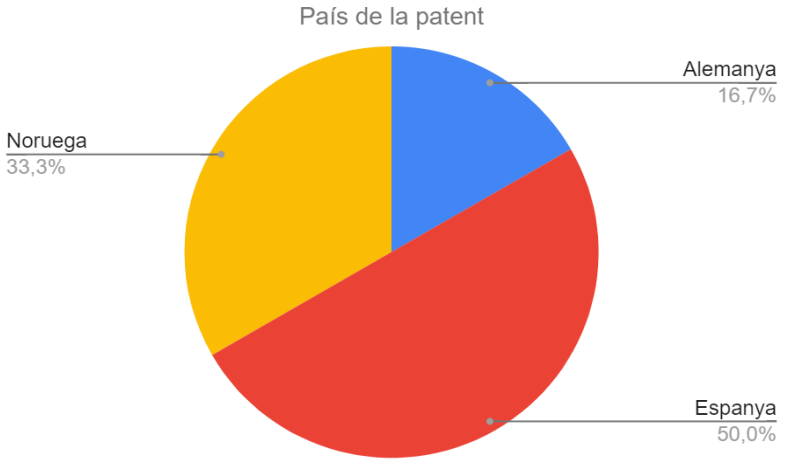
Gràfica 12: Distribució anual de tesis llegides. Font: elaboració pròpia.

Patents

Les patents realitzades durant els anys 2015-2020 són **6** i es distribueixen anualment segons mostra el gràfic. Destaca que no totes les patents s'han registrat a Espanya (50%) sinó a altres països com Alemanya i Noruega.



Gràfica 13: Distribució anual de patents. Font: elaboració pròpia.



Gràfica 14: Països de registre de les patents. Font: elaboració pròpia.

Àrees temàtiques

A partir de la base de dades WOS cercant per afiliació "EPSEVG", apareix el gràfic de les matèries amb més recerca del Campus UPC Vilanova. Com es mostra, el camp de l'**enginyeria elèctrica i electrònica** està al capdavant, seguit del camp de la **instrumentació**.

Figura 2: Àrees temàtiques amb més recerca de l'afiliació EPSEVG. Font: WOS.

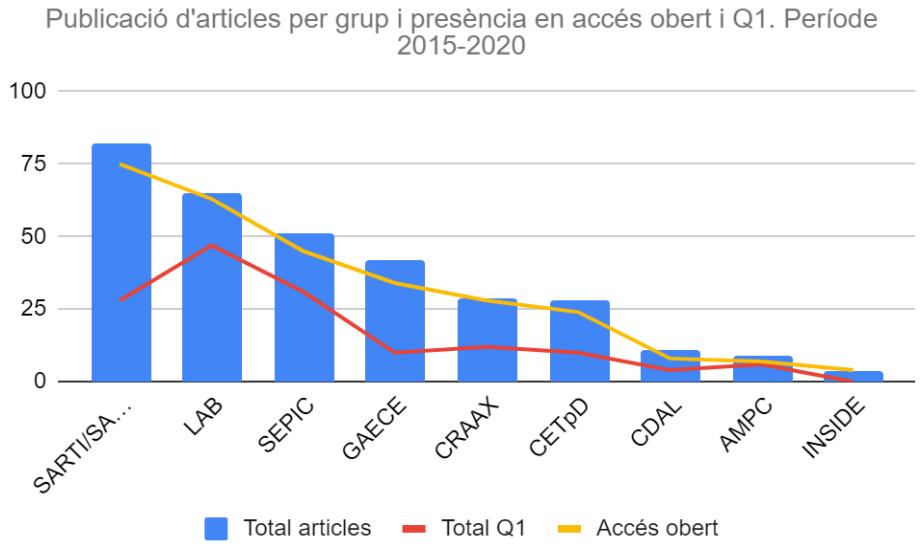
Producció científica per grups de recerca

Articles i revistes

A continuació es mostren el totals d'articles publicats en el període 2015-2020 per a cada grup de recerca. A més, es diferencien el nombre d'articles publicats en revistes Q1 i també en revistes en accés obert.

Grup	Total articles	Total Q1	Accés obert
SARTI/SARTI-MAR	82	28	75
LAB	65	47	63
SEPIC	51	31	45
GAECE	42	10	34
CRAAX	29	12	28
CETpD	28	10	24
CDAL	11	4	8
AMPC	9	6	7
INSIDE	4	0	4

Taula 2. Quantitat d'articles publicats per grup, total en revistes Q1 i total en accés obert. Font: elaboració pròpia.



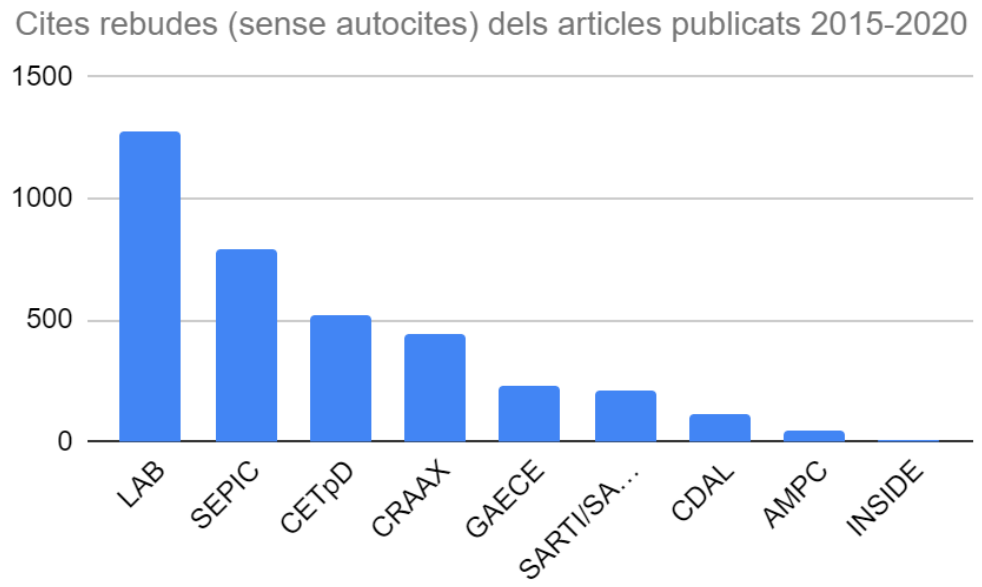
Gràfica 15. Quantitat d'articles publicats per grup, total en revistes Q1 i total en accés obert. Font: elaboració pròpia.

SARTI i SARTI-MAR encapçala la major publicació d'articles, seguit del LAB i SEPIC. El grup que ha publicat més articles en revistes de Q1 és el LAB. Pel que fa a l'accés obert, la publicació d'articles és bastant elevada.

Així mateix s'ha afegit la dada de quantitat de cites bibliogràfiques rebudes als articles i s'han exclòs les autocites.

Grup	Total cites (no autocites)
LAB	1276
SEPIC	795
CETpD	521
CRAAX	444
GAECE	225
SARTI/SARTI-MAR	211
CDAL	111
AMPC	41
INSIDE	8

Taula 3. Quantitat de cites (sense autocites) per grup de recerca. Font: elaboració pròpia.

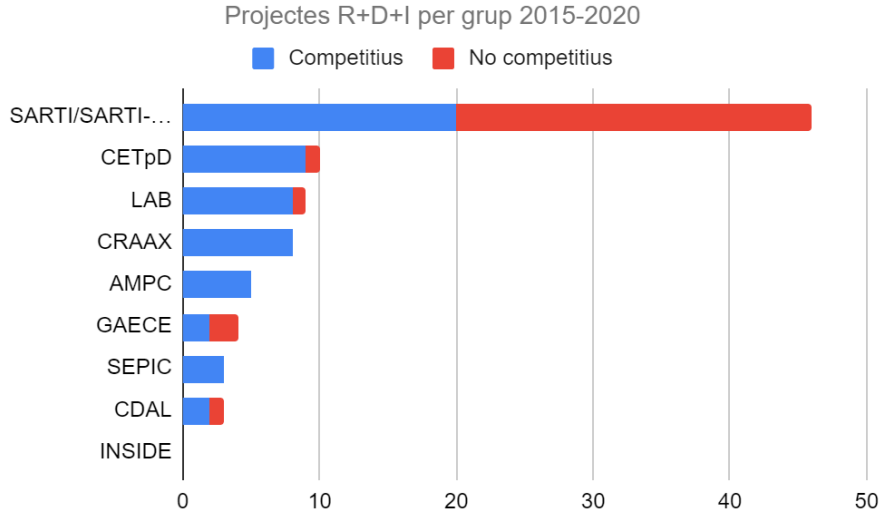


Gràfica 16. Quantitat de cites rebudes (sense autocites) per grup de recerca. Font: elaboració pròpia.

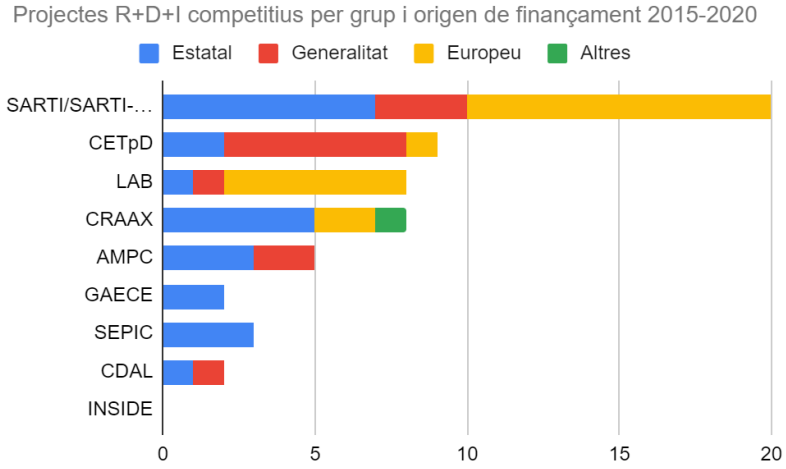
En aquest cas, és el LAB qui rep més citacions bibliogràfiques, seguit del SEPIC i CETpD. És probable que aquest indicador tingui molta relació amb l'àmbit temàtic de treball.

Projectes R+D+I

A continuació es mostra la quantitat projectes R+D+I desenvolupats per a cada grup de recerca. SARTI i SARTI-MAR és el grup amb major nombre de projectes tant competitius com no competitius. El segueix el CETpD i pel darrera el LAB i CRAAX amb major presència de projectes competitius.
Així mateix es mostra l'origen del finançament en el cas de projectes competitius per a cada grup de recerca. SARTI/SARTI-MAR i el LAB són els grups que van obtenir més finançament europeu, seguit del CRAAX. El finançament estatal ha estat important en el cas de SARTI/SARTI-MAR, CRAAX, AMPC i SEPIC. El finançament autonòmic va ser destacat per al CETpD.



Gràfica 17:Quantitat i tipus de projectes per grup. Font: elaboració pròpia.



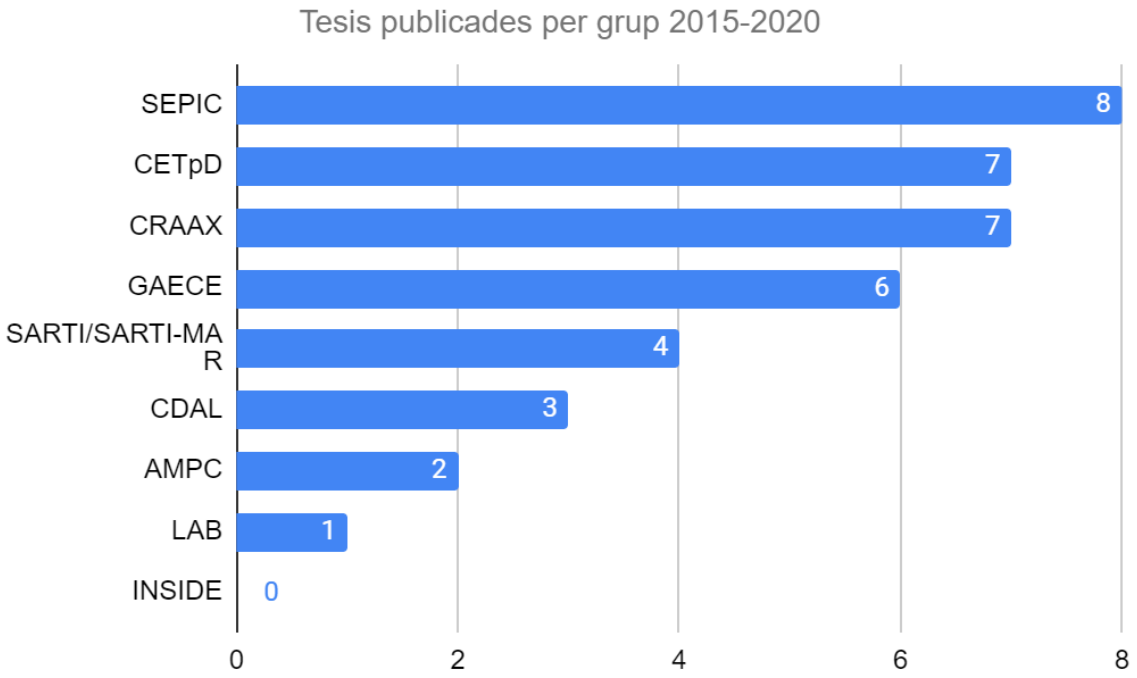
Gràfica 18: Origen del finançament, per grup. Font: elaboració pròpia.

	Projectes R+D+I competitius					Projectes R+D+I No competitius	TOTAL
Grup	Estatal	Generalitat	Europeu	Altres	**Subtotal**		
SARTI/SARTI-MAR	7	3	10	0	20	26	**46**
CETpD	2	6	1	0	9	1	**10**
LAB	1	1	6	0	8	1	**9**
CRAAX	5	0	2	1	8	0	**8**
AMPC	3	2	0	0	5	0	**5**
GAECE	2	0	0	0	2	2	**4**
SEPIC	3	0	0	0	3	0	**3**
CDAL	1	1	0	0	2	1	**3**
INSIDE	0	0	0	0	0	0	**0**

Taula 4. Quantitat de projectes i origen del finançament per grups de recerca. Font: elaboració pròpia.

Tesis

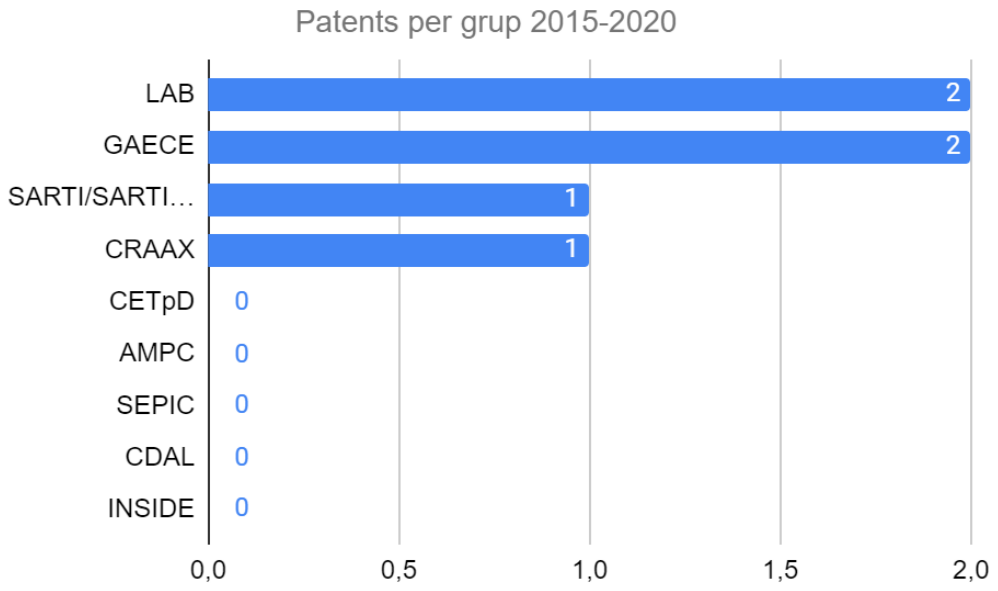
Pel que fa al nombre de tesis dirigides per PDI de cada grup de recerca, es mostra seguidament que SEPIC, CETpD, CRAAX i GAECE van ser els grups més actius.



Gràfica 19: Tesis dirigides i publicades per grup. Font: elaboració pròpia.

Patents

El LAB i GAECE, seguit de SARTI/SARTI-MAR i CRAAX van registrar les patents generades al Campus UPC Vilanova durant 2015-2020.



Gràfica 20: Patents realitzades per grup. Font: elaboració pròpia.

Tornar al sumari

Annexos

1- Articles publicats per grups de recerca

AMPC	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT
TOTALS	**9**		**6**		**41**	**7**
Beltran, V. [et al.]. Micro infrared spectroscopy discrimination capability of compounds in complex matrices of thin layers in real sample coatings from artworks. "Microchemical journal", Gener 2015, núm. 118, p. 115-123. DOI: 10.1016/j.microc.2014.09.001 https://futur.upc.edu/15206039	2015	Microchemical journal	Q1	MULTIDISCIPLINARY SCIENCES	11	SÍ
Beltran, V., Salvadó, N., Butí, S., Cinque, G., Wehbe, K., Pradell, T. Optimal Sample Preparation for the Analysis of Micrometric Heterogeneous Samples. "Analytical chemistry", 29 Maig 2015, vol. 87, núm. 13, p. 6500-6504. DOI: 10.1021/acs.analchem.5b01997 https://futur.upc.edu/16657446	2015	Analytical chemistry	Q1	CHEMISTRY, ANALYTICAL	3	SÍ
Clemente, C., Salvadó, N., Butí, S., Pradell, T. Estudi de les colradures sobre or i plata del retaule barroc de sant Ruf de la catedral de Santa Maria de Tortosa. "Unicum", Juliol 2015, núm. 14, p. 27-40. DOI: https://futur.upc.edu/17699496	2015	Unicum	--	NO INDEXADA A JCR	--	SÍ
Beltran, V., Salvadó, N., Butí, S., Pradell, T. Ageing of resin from Pinus species assessed by infrared spectroscopy. "Analytical and bioanalytical chemistry", 6 Abril 2016, vol. 408, núm. 15, p. 4073-4082. DOI: 10.1007/s00216-016-9496-x https://futur.upc.edu/18546034	2016	Analytical and bioanalytical chemistry	Q1	CHEMISTRY, ANALYTICAL	16	SÍ
Salvadó, N., Butí, S., Pradell, T., Beltran, V., Cinque, G., Juanhuix, J., Font, L., Senserrich, R. Low molecular weight organic acid salts, markers of old fungi activity in wall paintings. "Analytical Methods", 21 Febrer 2016, vol. 8, núm. 7, p. 1637-1645. DOI: 10.1039/c5ay02656c https://futur.upc.edu/17692941	2016	Analytical methods	Q3	CHEMISTRY, ANALYTICAL	3	SÍ

AMPC	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT
Beltran, V., Salvadó, N., Butí, S., Cinque, G., Pradell, T. Markers, reactions, and interactions during the aging of pinus resin assessed by Raman spectroscopy. "Journal of natural products", 28 Abril 2017, vol. 80, núm. 4, p. 854-863. DOI: 10.1021/acs.jnatprod.6b00692 https://futur.upc.edu/20568697	2017	Journal of natural products	Q1	PLANT SCIENCES	7	NO
Salvadó, N., Butí, S., Clemente, C., Beltran, V., Cinque, G., Juanhuix, J., Pradell, T. Microanalytical study of luster glazed gilding and silvering from Baroque altarpieces. "Pure and applied chemistry", 1 Març 2018, vol. 90, núm. 3, p. 477-492. DOI: 10.1515/pac-2017-0602 https://futur.upc.edu/22321721	2018	Pure and applied chemistry	Q2	CHEMISTRY, MULTIDISCIPLINARY	1	SÍ
Christiansen, T. [et al.]. Insights into the composition of ancient Egyptian red and black inks on papyri achieved by synchrotron-based microanalyses. "Proceedings of the National Academy of Sciences of the United States of America", 10 Novembre 2020, vol. 117, núm. 45, p. 27825-27835. DOI: 10.1073/pnas.2004534117 https://futur.upc.edu/30044631	2020	Proceedings of the National Academy of Sciences of the United States of America	Q1	MULTIDISCIPLINARY SCIENCES	0	SÍ
Oriols, N. [et al.]. Amorphous calcium carbonate (ACC) in fresco mural paintings. "Microchemical journal", 1 Maig 2020, vol. 154, p. 104567:1-104567:8. DOI: 10.1016/j.microc.2019.104567 https://futur.upc.edu/26917320	2020	Microchemical journal	Q1	CHEMISTRY, ANALYTICAL	0	NO

CETpD	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTO CITES)	ACCÉS OBERT
TOTALS	**28**		**10**		**521**	**24**
Abebe, G., Cavallaro, A., Llanas, F. Robust multi-dimensional motion features for first-person vision activity recognition. "Computer vision and image understanding", Agost 2016, vol. 149, p. 229-248. DOI:10.1016/j.cviu.2015.10.015. https://futur.upc.edu/18770956	2016	Computer vision and image understanding	Q2	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE	17	SÍ
Bousquet, J., Bewick, M., Cano, A., Catala, A. Building bridges for innovation in ageing: Synergies between action groups of the EIP on AHA. "Journal of nutrition health and aging", 1 Gener 2017, vol. 21, núm. 1, p. 92-104. DOI: 10.1007/s12603-016-0803-1 https://futur.upc.edu/19856884	2017	Journal of nutrition health and aging	Q2	GERIATRICS & GERONTOLOGY	4	SÍ
Buj-Corral, I.; Sivatte, M.; Parra, X. Adaptive indirect neural network model for roughness in honing processes. "Tribology international", 1 Gener 2020, vol. 141, núm. January, p. 05891:1-05891:10. DOI: 10.1016/j.triboint.2019.105891. https://futur.upc.edu/25841140	2020	Tribology international	Q1	ENGINEERING, MECHANICAL	3	NO
Camps, J., Sama, A., Martin, M., Rodriguez-Martin, D., Perez, C., Moreno, J., Cabestany, J., Catala, A., Alcaine, S., Mestre, B., Prats, A., Crespo, M. Cruz, Counihan, T., Browne, P., Quinlan, L., ÓLaighin, G., Sweeney, D., Lewy, H., Vainstein, G., Costa, A., Annicchiarico, R., Bayés, À., Rodríguez, A. Deep learning for freezing of gait detection in Parkinson's disease patients in their homes using a waist-worn inertial measurement unit. "Knowledge-based systems", 16 Octubre 2017, vol. 139, p. 119-131. DOI: 10.1016/j.knosys.2017.10.017 https://futur.upc.edu/21589959	2017	Knowledge-based systems	Q1	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE	50	SÍ
Diaz, M. Robots sociales: cómo relacionarnos con máquinas que fingen no serlo. "The conversation", 8 Juliol 2019. https://futur.upc.edu/25610143	2019	The conversation	--	REVISTA NO INDEXADA A JCR	--	SÍ
Diaz, M., Angulo, C. New instrumentation for human robot interaction assessment based on observational methods. "Journal of ambient intelligence and smart	2015	Journal of ambient intelligence and smart environments	Q4	COMPUTER SCIENCE,	2	SÍ

CETpD	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTO CITES)	ACCÉS OBERT
environments", 16 Juliol 2015, vol. 7, p. 397-413. DOI: 10.3233/AIS-150331. https://futur.upc.edu/16679000				ARTIFICIAL INTELLIGENCE		
Diaz, M., Paillacho, D., Angulo, C., Torres , O., González, J., Albo-Canals, J. Evaluating Group-Robot Interaction in Crowded Public Spaces: A Week-Long Exploratory Study in the Wild with a Humanoid Robot Guiding Visitors Through a Science Museum. "International Journal of Humanoid Robotics", 18 Maig 2015. DOI: 10.1142/S021984361550022X. https://futur.upc.edu/16676769	2015	International journal of humanoid robotics	Q4	ROBOTICS	1	SÍ
Ivonin, L. [et al.]. Beyond cognition and affect: sensing the unconscious. "Behaviour & information technology", 4 Març 2015, vol. 34, núm. 3, p. 220-238. DOI: 10.1080/0144929X.2014.912353 https://futur.upc.edu/15184455	2015	Behaviour & information technology	Q3	COMPUTER SCIENCE, CYBERNETICS	2	NO
Ivonin, L. [et al.]. Traces of Unconscious Mental Processes in Introspective Reports and Physiological Responses. "PLoS one", 13 Abril 2015, vol. 10, núm. 4. DOI: 10.1371/journal.pone.0124519 https://futur.upc.edu/15644252	2015	PLoS one	Q1	MULTIDISCIPLINARY SCIENCES	5	SÍ
Larriba, F., Raya, C., Angulo, C., Albo-Canals, J., Diaz, M., Boldú, R. Externalising moods and psychological states in a cloud based system to enhance a pet-robot and child's interaction. "Biomedical engineering online", 1 Desembre 2016, vol. 16, núm. Supl. 1:S72, p. 187-196. DOI: 10.1186/s12938-016-0180-3. https://futur.upc.edu/19508455	2016	Biomedical engineering online	Q3	ENGINEERING, BIOMEDICAL	5	SÍ
Muaaz, M. [et al.]. WiWeHAR: multimodal human activity recognition using Wi-Fi and wearable sensing modalities. "IEEE access", 21 Setembre 2020, vol. 8, p. 164453-164470. DOI: 10.1109/ACCESS.2020.3022287. https://futur.upc.edu/31774704	2020	IEEE Access	Q2	TELECOMMUNICATIONS	0	SÍ
Mwangi, E., Barakova, E., Diaz, M., Catala, A., Rauterberg, M. Directing attention through gaze hints Improves task solving in human-humanoid interaction. "International journal of social robotics", 2 Abril 2018. https://futur.upc.edu/21976604	2018	International journal of social robotics	Q3	ROBOTICS	2	SÍ
Pastor, M.M.; Roure, F.; Ayneto, J.; Bonada, J.; Perez, E.; Buj-Corral, I. Elastic asymmetry of PLA material in FDM-printed parts: considerations concerning experimental characterisation for use in numerical simulations. "Materials". 18 Maig 2019, Vol. 13, num. 1, p. 25:1-25:24. DOI: 10.3390/ma13010015 https://futur.upc.edu/26227079	2019	Materials	Q2	MATERIAL SCIENCE, MULTIDISCIPLINARY	9	SÍ

CETpD	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTO CITES)	ACCÉS OBERT
Perez, C., Sama, A., Rodriguez-Martin, D., Catala, A., Cabestany, J., Moreno, J., De Mingo, E., Rodríguez, A. Assessing motor fluctuations in Parkinson's disease patients based on a single inertial sensor. "Sensors", 15 Desembre 2016, vol. 16, núm. 12, p. 1-25. DOI: 10.3390/s16122132 https://futur.upc.edu/19471929	2016	Sensors	Q1	INSTRUMENTS & INSTRUMENTATION	10	SÍ
Perugia, G. [et al.]. ENGAGE-DEM: a model of engagement of people with dementia. "IEEE transactions on affective computing", 1 Gener 2020. DOI: 10.1109/TAFFC.2020.2980275 https://futur.upc.edu/29162338	2020	IEEE transactions on affective computing	Q1	COMPUTER SCIENCE, CYBERNETICS	1	SÍ
Perugia, G., Rodriguez-Martin, D., Diaz, M., Catala, A., Barakova, E., Rauterberg, M. Quantity of Movement as a Measure of Engagement for Dementia: The Influence of Motivational Disorders. "American Journal of Alzheimer's Disease and other Dementias", 1 Gener 2018, vol. 33, núm. 2, p. 112-121. DOI: 10.1177/1533317517739700. https://futur.upc.edu/21636311	2018	American Journal of Alzheimer's Disease and other Dementias	Q4	GERIATRICS & GERONTOLOGY	1	SÍ
Perugia, G., van Berkel, R., Diaz, M., Catala, A., Rauterberg, M., Barakova, E. Understanding engagement in dementia through behavior. The ethographic and Laban-inspired coding system of engagement (ELICSE) and the evidence-based model of engagement-related behavior (EMODEB). "Frontiers in Psychology", 24 Maig 2018, p. 1-18. DOI: 10.3389/fpsyg.2018.00690 https://futur.upc.edu/22745360	2018	Frontiers in Psychology	Q2	PSYCHOLOGY, MULTIDISCIPLINARY	8	SÍ
Reyes, J., Oneto, L., Sama, A., Ghio, A., Parra, X., Anguita, D. Transition-aware human activity recognition using smartphones. "Neurocomputing", 08 Agost 2015. DOI: 10.1016/j.neucom.2015.07.085. https://futur.upc.edu/16968249	2015	Neurocomputing	Q1	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE	248	SÍ
Rodriguez-Martin, D. [et al.]. Posture transition analysis with barometers: contribution to accelerometer-based algorithms. "Neural computing and applications", 15 Octubre 2018, p. 1-15. DOI: 10.1007/s00521-018-3759-8 https://futur.upc.edu/23507033	2018	Neural computing and applications	Q1	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE	1	NO
Rodriguez-Martin, D. [et al.]. Posture transition identification on PD patients through a SVM-based technique and a single waist-worn accelerometer. "Neurocomputing", 16 Març 2015, vol. 164, p. 144-153. DOI: 10.1016/j.neucom.2014.09.084 https://futur.upc.edu/15526139	2015	Neurocomputing	Q1	COMPUTER SCIENCE,	11	SÍ

CETpD	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTO CITES)	ACCÉS OBERT
				ARTIFICIAL INTELLIGENCE		
Rodriguez-Martin, D., Perez, C., Sama, A., Catala, A., Moreno, J., Cabestany, J., Mestre, B., Alcaine, S., Prats, A., Cruz, M., Bayés, À. A waist-worn inertial measurement unit for Parkinson's disease long-term monitoring. "Sensors", 11 Abril 2017, vol. 17, núm. 4, p. 1-28. DOI: 10.3390/s17040827 https://futur.upc.edu/20570161	2017	Sensors	Q2	INSTRUMENTS & INSTRUMENTATION	10	SÍ
Rodriguez-Martin, D., Sama, A., Perez, C., Catala, A., Moreno, J., Cabestany, J. Home detection of freezing of gait using Support Vector Machines through a single waist-worn triaxial accelerometer. "PLoS one", 1 Febrer 2017, vol. 12, núm. 2, p. 1-22. DOI: 10.1371/journal.pone.0171764 https://futur.upc.edu/19766253	2017	PLoS one	Q1	MULTIDISCIPLINARY SCIENCES	46	SÍ
Rodríguez, A. [et al.]. Validation of a portable device for mapping motor and gait disturbances in Parkinson's disease. "JMIR mobile and ubiquitous health (mhealth & uhealth)", 02 Febrer 2015, vol. 3, núm. 1. DOI: 10.2196/mhealth.3321 https://futur.upc.edu/15468033	2015	JMIR mobile and ubiquitous health (mhealth & uhealth)	--	REVISTA NO INDEXADA A JCR EL 2015	21	NO
Rodríguez, A., Perez, C., Sama, A., Rodriguez-Martin, D., Catala, A. A kinematic sensor and algorithm to detect motor fluctuations in Parkinson disease: Validation study under real conditions of use. "Journal of medical internet research", 1 Abril 2018, vol. 20, p. 1-10. DOI: 10.2196/rehab.8335 https://futur.upc.edu/23182593	2018	Journal of medical internet research	Q1	HEALTH CARE SCIENCES & SERVICES	11	SÍ
Sama, A., Perez, C., Rodriguez-Martin, D., Catala, A., Moreno, J., Cabestany, J., De Mingo, E., Rodríguez, A. Estimating bradykinesia severity in Parkinson's disease by analysing gait through a waist-worn sensor. "Computers in biology and medicine", 1 Maig 2017, vol. 84, p. 114-123. DOI: 10.1016/j.compbiomed.2017.03.020 https://futur.upc.edu/19857510	2017	Computers in biology and medicine	Q2	COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS	27	SÍ
Sama, A., Rodriguez-Martin, D., Perez, C., Catala, A., Alcaine, S., Mestre, B., Prats, A., Crespo, M. Cruz, Bayés, À. Determining the optimal features in freezing of gait detection through a single waist accelerometer in home environments. "Pattern recognition letters", 17 Maig 2017, vol. 105, p. 135-143. DOI: 10.1016/j.patrec.2017.05.009 https://futur.upc.edu/20570103	2017	Pattern recognition letters	Q2	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE	13	SÍ

CETpD	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTO CITES)	ACCÉS OBERT
Sivatte, M., Buj, I., Parra, X. Neural network modelling of Abbott-Firestone roughness parameters in honing processes. "International journal of surface science and engineering", 29 Desembre 2017, vol. 11, núm. 6, p. 512-530. DOI: 10.1504/IJSURFSE.2017.088973. https://futur.upc.edu/21877468	2017	International journal of surface science and engineering	Q4	ENGINEERING, MECHANICAL	SCOPUS NO L'INDEXA	SÍ
Sivatte, M., Llanas, F., Buj, I., Vivancos, J. Indirect model for roughness in rough honing processes based on artificial neural networks. "Precision engineering - Journal of the American Society for Precision Engineering (ASPE)", 01 Gener 2016, vol. 43, p. 505-513. DOI: 10.1016/j.precisioneng.2015.09.004 https://futur.upc.edu/17420386	2016	Precision engineering - Journal of the American Society for Precision Engineering (ASPE)	Q2	INSTRUMENTS & INSTRUMENTATION	13	SÍ

CRAAX	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT
TOTALS	**29**		**12**		**444**	**28**
Aguilo, F., ?, Llena, D. On the number of L-shapes in embedding dimension four numerical semigroups. "Discrete mathematics", 06 Desembre 2015, vol. 338, núm. 12, p. 2168-2178. DOI: 10.1016/j.disc.2015.05.019. https://futur.upc.edu/16889514	2015	Discrete mathematics	Q3	MATHEMATICS	0	SÍ
Aguilo, F., Fiol, M., Perez, S. A geometric approach to dense Cayley digraphs of finite Abelian groups. "Electronic notes in discrete mathematics", 2016, vol. 54, p. 277-282. DOI: 10.1016/j.endm.2016.09.048. https://futur.upc.edu/19737398	2016	Electronic journal of combinatorics	NO INDEXADA A JCR	NO INDEXADA A JCR	0	SÍ
Aguilo, F., Fiol, M., Perez, S. Abelian Cayley digraphs with asymptotically large order for any given degree. "Electronic journal of combinatorics", 29 Abril 2016, vol. 23, núm. 2, p. 1-11. https://futur.upc.edu/17744304	2016	Electronic journal of combinatorics	Q3	MATHEMATICS	0	SÍ
Aguilo, F., Llena, D. Computing denumerants in numerical 3-semigroups. "Quaestiones mathematicae", 2018, vol. 41, núm. 8, p. 1-32. DOI:10.2989/16073606.2017.1419998. https://futur.upc.edu/22329324	2018	Quaestiones mathematicae	Q3	MATHEMATICS	1	SÍ
Asensio, A.; Masip, X.; Durán, R.; Miguel, I. de; Ren, G.; Daijavad, S.; Jukan. A Designing an efficient clustering strategy for combined Fog-to-Cloud scenarios. "Future generation computer systems", 1 Agost 2020, vol. 109, p. 392-406. DOI: 10.1016/j.future.2020.03.056. https://futur.upc.edu/28781021	2020	Future generation computer systems	Q1	COMPUTER SCIENCE, THEORY & METHODS	1	SÍ
Barbosa, V., Masip, X., Marin, E., Sanchez, S., Garcia, J. Towards a proper service placement in combined Fog-to-Cloud (F2C) architectures. "Future generation computer systems", 1 Octubre 2018, vol. 87, p. 1. DOI: 10.1016/j.future.2018.04.042. https://futur.upc.edu/23170476	2018	Future generation computer systems	Q1	COMPUTER SCIENCE, INFORMATION SYSTEMS	31	SÍ
Barrantes, S., Sanchez Egea, Antonio J., Gonzalez-Rojas, Hernan A., Martí, M. J., Compta, Y., Valldeoriola, F., Simo, E., Tolosa, E., Valls-Solé, J. Differential diagnosis between Parkinson's disease and essential tremor using the smartphone's accelerometer. "PLoS one", 25 Agost	2017	PLoS one	Q1	MULTIDISCIPLINARY DISCIPLINES	22	SÍ

CRAAX	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT
2017, vol. 12, núm. 8, p. 1-12. DOI: 10.1371/journal.pone.0183843. https://futur.upc.edu/21331624						
Dizdarevic, J.; Carpio, F.; Jukan, A.; Masip, X. A survey of communication protocols for internet of things and related challenges of fog and cloud computing integration. "ACM computing surveys", 1 Gener 2019, vol. 51, num. 6, p. 116:1-116:28. DOI: 10.1145/3292674. https://futur.upc.edu/23935405	2019	ACM computing surveys	Q1	COMPUTER SCIENCE, THEORY & METHODS	88	SÍ
Gomez, A. [et al.]. Resource identification in fog-to-cloud systems: toward an identity management strategy. "Journal of Reliable Intelligent Environments", 12 Abril 2019, vol. 5, núm. 1, p. 29-40. DOI: 10.1007/s40860-019-00074-1. https://futur.upc.edu/24017553	2019	Journal of Reilable Intelligent Environments	--	NO INDEXADA A JCR	1	SÍ
González de Dios , O.; Masip, X.; Lee, Y. Advances on path computation element. "Optical switching and networking", 1 Novembre 2017, vol. 26, num. 1, p. 1. DOI: 10.1016/j.osn.2017.06.001. https://futur.upc.edu/23419595	2017	Optical switching and networking	Q3	COMPUTER SCIENCE, INFORMATION SYSTEMS	--	SÍ
Jukan, A.; Carpio, F.; Masip, X.; Juan Ferrer, A.; Kemper, N.; Stetina, B. Fog-to-Cloud computing for farming: low-cost technologies, data exchange, and animal welfare. "Computer". 1 Octubre 2019, vol. 52, num. 10, p. 41-51. DOI: 10.1109/MC.2019.2906837. https://futur.upc.edu/26678524	2019	Computer	Q1	COMPUTER SCIENCE, HARDWARE & ARCHITECTURE	1	SÍ
Jukan, A.; Masip, X.; Amla, N. Smart computing and sensing technologies for animal welfare: A systematic review "ACM computing surveys". 1 Abril 2017, vol. 50, num. 1, p. 1-27. DOI: 10.1145/3041960. https://futur.upc.edu/20095586	2017	ACM computing surveys	Q1	COMPUTER SCIENCE, THEORY & METHODS	29	SÍ
Marin, E., Masip, X., Garcia, J., Jukan, A., Ren, G., Zhu, J. Do we all really know what a fog node is? Current trends towards an open definition. "Computer communications", 1 Setembre 2017, vol. 109, p. 117-130. DOI: 10.1016/j.comcom.2017.05.013. https://futur.upc.edu/21204670	2017	Computer communications	Q2	COMPUTER SCIENCE, INFORMATION SYSTEMS	41	SÍ
Masip, X.; Marin, E.; Jukan, A.; Ren, G. Managing resources continuity from the edge to the cloud: Architecture and performance. "Future generation computer systems", Febrer 2018, vol. 79, num. Part 3, p. 777-785. DOI: 10.1016/j.future.2017.09.036. https://futur.upc.edu/21575956	2018	Future generation computer systems	Q1	COMPUTER SCIENCE, THEORY & METHODS	24	SÍ

CRAAX	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT
Masip, X.; Marin, E.; Tashakor, G.; Jukan, A.; Ren, G. Foggy clouds and cloudy fogs: a real need for coordinated management of fog-to-cloud computing systems. "IEEE Wireless communications", 1 Octubre 2016, vol. 23, num. 5, p. 120-128. DOI: 10.1109/MWC.2016.7721750. https://futur.upc.edu/19354103	2016	IEEE Wireless communications	Q1	COMPUTER SCIENCE, HARDWARE & ARCHITECTURE	120	SÍ
Moradbeikie, A. [et al.]. An IIoT based ICS to improve safety through fast and accurate hazard detection and differentiation. "IEEE access", 25 Novembre 2020, vol. 8, p. 206942-206957. DOI: 10.1109/ACCESS.2020.3037093. https://futur.upc.edu/29971143	2020	IEEE access	Q2	TELECOMMUNICATION	0	SÍ
Ramirez, W.; Barbosa, V.; Marin, E.; Sanchez, S. Exploring potential implementations of PCE in IoT world. "Optical switching and networking", 1 Novembre 2017, vol. 26, p. 48-59. DOI: https://doi.org/10.1016/j.osn.2015.10.001. https://futur.upc.edu/21208463	2017	Optical switching and networking	Q3	COMPUTER SCIENCE, INFORMATION SYSTEMS	0	SÍ
Ramirez, W.; Masip, X.; Marin, E. A novel predictive PCE-based protection strategy for resilient transport networks. "Computer communications" 1 Octubre 2016, vol. 91-92, p. 95-108. DOI: 10.1016/j.comcom.2016.05.011. https://futur.upc.edu/18712053	2016	Computer communications	Q1	COMPUTER SCIENCE, INFORMATION SYSTEMS	0	SÍ
Ramirez, W.; Masip, X.; Marin, E.; Barbosa, V.; Jukan, A.; Ren, G.; González de Dios , O. Evaluating the benefits of combined and continuous Fog-to-Cloud architectures . "Computer communications", 15 Novembre 2017, vol. 113, p. 43-52. DOI: 10.1016/j.comcom.2017.09.011 https://futur.upc.edu/21598623	2017	Computer communications	Q2	COMPUTER SCIENCE, INFORMATION SYSTEMS	16	SÍ
Ramirez, W.; Masip, X.; Marin, E.; Sanchez, S. Managing resilience in carrier grade networks: Survey, open issues and trends. "Computer communications", 1 Maig 2015, vol. 61, p. 1-16. DOI: 10.1016/j.comcom.2015.02.015. https://futur.upc.edu/15730890	2015	Computer communications	Q1	COMPUTER SCIENCE, INFORMATION SYSTEMS	3	SÍ
Rejiba, Z.; Masip, X.; Marin, E. A survey on mobility-induced service migration in the fog, edge, and related computing paradigms. "ACM computing surveys", 1 Setembre 2019, vol. 52, núm. 5, p. 90:1-90:33. DOI: 10.1145/3326540. https://futur.upc.edu/25854761	2019	ACM computing surveys	Q1	COMPUTER SCIENCE, THEORY & METHODS	7	SÍ

CRAAX	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT
Sánchez, F., Climent, J., Corbalán, J., Fonseca, P., García, J., Herrero, J., Rodríguez, H., Sancho, M. A proposal to develop and assess professional skills in Engineering Final Year Projects. "International journal of engineering education", Març 2018, vol. 34, núm. 2(A), p. 400-413. https://futur.upc.edu/22007493	2018	International journal of engineering education	Q4	EDUCATION, SCIENTIFIC DISCIPLINES	1	NO
Sánchez, F., García, J., López, D., Alier, M., Cabré, J., García, H., Vidal, E. El método socrático como guía del trabajo de fin de grado. "ReVisión", Gener 2015, vol. 8, núm. 1, p. 53-62. https://futur.upc.edu/16673501	2015	ReVisión	--	NO INDEXADA A JCR	--	SÍ
Sánchez, F., García, J., Vidal, E., López, D., Cabré, J., García, H., Alier, M., Martín, C. ¿Es sostenible la Estrella de la Muerte?. "ReVisión", Setembre 2015, vol. 8, núm. 3, p. 81-103. https://futur.upc.edu/16987224	2015	ReVisión	--	NO INDEXADA A JCR	--	SÍ
Sánchez, F., Soler, A., Martín, C., López, D., Ageno, A., Cabré, J., García, J., Aranda, J., Gibert, K. Competency maps: An effective model to integrate professional competencies across a STEM curriculum. "Journal of science education and technology", Octubre 2018, vol. 27, núm. 5, p. 448-468. DOI: 10.1007/s10956-018-9735-3. https://futur.upc.edu/23267322	2018	Journal of science education and technology	Q2	EDUCATION, SCIENTIFIC DISCIPLINES	11	SÍ
Sengupta, S.; Garcia, J.; Masip, X. Essentiality of managing the resource information in the coordinated fog-to-cloud paradigm. "International journal of communication systems", 26 Desembre 2019, p. 1-11. DOI: 10.1002/dac.4286. https://futur.upc.edu/26548601	2019	International journal of communication systems	Q3	ENGINEERING, ELECTRICAL & ELECTRONIC	0	SÍ
Siddiqui, M. S.; Montero, D.; Serral, R.; Masip, X.; Yannuzzi, M. A survey on the recent efforts of the Internet standardization body for securing inter-domain routing. "Computer networks", 7 Abril 2015, vol. 80, p. 1-26. DOI: 10.1016/j.comnet.2015.01.017. https://futur.upc.edu/15644242	2015	Computer networks	Q2	COMPUTER SCIENCE, HARDWARE & ARCHITECTURE	9	SÍ
Souza, V.; Masip, X.; Marin, E.; Sanchez, S.; Garcia, J. Towards a proper service placement in combined Fog-to-Cloud (F2C) architectures. "Future generation computer systems", 1 Octubre 2018, vol. 87, p. 1-15. DOI: 10.1016/j.future.2018.04.042. https://futur.upc.edu/23170476	2018	Future generation computer systems	Q1	COMPUTER SCIENCE, THEORY & METHODS	31	SÍ
Trakadas, P.; Nomikos, N.; Michailidis, E.; Masip, X. Hybrid clouds for data-Intensive, 5G-Enabled IoT applications: an overview, key issues and relevant architecture. "Sensors", 17 Agost 2019, vol. 19, num. 16, p. 1-19. DOI: 10.3390/s19163591. https://futur.upc.edu/25838500	2019	Sensors	Q2	CHEMISTRY, ANALYTICAL	7	SÍ

CDAL	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTO CITES)	ACCÉS OBERT
TOTALS	**11**		**4**		**111**	**8**
Akbarzadeh, E., Picas, J.A., Baile Puig, Maria Teresa. Microstructure and properties of aluminum silicon/short fibre carbon composites fabricated by semi-solid thixomixing. "Materials and design", 10 Setembre 2015, vol. 88, p. 683-692. DOI: 10.1016/j.matdes.2015.09.015. https://futur.upc.edu/16967129	2015	Materials and design	Q1	MATERIAL SCIENCE, MULTIDISCIPLINARY	13	SÍ
Akbarzadeh, E., Picas, J.A., Baile Puig, Maria Teresa. Orthogonal experimental design applied for wear characterization of aluminum/Csf metal composite fabricated by the thixomixing method. "International journal of material forming (on line)", 24 Juny 2015, p. 1-12. DOI: 10.1007/s12289-015-1246-7. https://futur.upc.edu/16967103	2015	International journal of material forming (on line)	Q2	METALLURGY & METALLURGICAL ENGINEERING - SCIE	6	SÍ
Akbarzadeh, E., Picas, J.A., Baile Puig, Maria Teresa. Thixomixing as novel method for fabrication aluminum composite with carbon and alumina fibers. "International Scholarly and Scientific Research and Innovation", 2015, vol. 9, núm. 8, p. 822-826. https://futur.upc.edu/16967122	2015	International Scholarly and Scientific Research and Innovation	--	NO INDEXADA A JCR	--	SÍ
Ezequiel, M. [et al.]. Formability of the 5754-aluminum alloy deformed by a modified repetitive corrugation and straightening process. "Materials", Gener 2020, vol. 13, núm. 3, p. 663:1-633:12. DOI: 10.3390/ma13030633. https://futur.upc.edu/26707673	2020	Materials	Q1	METALLURGY & METALLURGICAL ENGINEERING - SCIE	1	SÍ
Martin, E. [et al.]. Tendencias en el campo de la fundición inyectada. "Técnica y tecnología", 02 Març 2015, núm. 28, p. 10-15. https://futur.upc.edu/15573283	2015	Técnica y tecnología	--	NO INDEXADA A JCR	--	SÍ
Martin, E.; Baile Puig, Maria Teresa; Picas, J.A.; Menargues, S.. Materiales avanzados para la mejora del comportamiento tribológico catenaria-pantógrafo " Técnica y tecnología", 18 aBRIL 2016, vol. 40, p-13-18. https://futur.upc.edu/18558863	2016	Técnica y tecnología	--	NO INDEXADA A JCR	--	SÍ
Menargues, S. [et al.]. New short T6 heat treatments for aluminium silicon alloys obtained by semisolid forming. "Materials science and engineering A. Structural materials properties microstructure and processing", 5 Gener 2015, vol. 621, p. 236-242. DOI: 10.1016/j.msea.2014.10.078. https://futur.upc.edu/15432736	2015	Materials science and engineering A. Structural materials properties	Q2	NANOSCIENCE & NANOTECHNOLOGY	51	NO

CDAL	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTO CITES)	ACCÉS OBERT
		microstructure and processing				
Picas, J.A. [et al.]. Characterization of duplex coating system (HVOF plus PVD) on light alloy substrates. "Surface and coatings technology", 25 Maig 2017, vol. 318, p. 326-331. DOI: 10.1016/j.surfcoat.2016.06.020. https://futur.upc.edu/21103145	2017	Surface and coatings technology	Q2	PHISICS, APPLIED	11	NO
Picas, J.A., Punset, M., Menargues, S., Martin, E., Baile Puig, Maria Teresa. Microstructural and tribological studies of as-sprayed and heat-treated HVOF Cr3C2-CoNiCrAlY coatings with a CoNiCrAlY bond coat. "Surface and coatings technology", 25 Abril 2015, vol. 268, p. 317-324. DOI: 10.1016/j.surfcoat.2014.10.039. https://futur.upc.edu/15731012	2015	Surface and coatings technology	Q1	MATERIAL SCIENCE, MULTIDISCIPLINARY	23	SÍ
Picas, J.A., Punset, M., Rupérez de Gracia, E., Menargues, S., Martin, E., Baile Puig, M. T. Corrosion mechanism of HVOF thermal sprayed WC-CoCr coatings in acidic chloride media. "Surface and coatings technology", 15 Agost 2019, vol. 371, pp. 378-388. DOI: 10.1016/j.surfcoat.2018.10.025. https://futur.upc.edu/23454055	2019	Surface and coatings technology	Q1	PHISICS, APPLIED	6	NO
Siggia, D.; Galati, A.; Crescimanno, M.; Morales, P.; Martin, E.; Sauri, S. The competitiveness of short sea shipping than road transport in the food sector: The olive oil case in Spain and Italy. "Journal of maritime research",1 Gener 2015 Journal of maritime research", vol. 12, p.89. https://futur.upc.edu/21547211	2015	Journal of maritime research	--	NO INDEXADA A JCR	--	SÍ

GAECE	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT
TOTALS	**42**		**10**		**225**	**34**
Andrada, P. [et al.]. Design of a novel modular axial-flux double rotor switched reluctance drive. "Energies", 4 Març 2020, vol. 13, núm. 5, p. 1-17. DOI: 10.3390/en13051161 https://futur.upc.edu/28743852	2020	Energies	Q3	ENERGY & FUELS	2	SÍ
Andrada, P. [et al.]. Influence of manufacturing and assembly defects and the quality of materials on the performance of an axial-flux switched reluctance machine. "Energies", 17 Desembre 2019, vol. 12, núm. 24, p. 1-12. DOI: 10.3390/en12244807 https://futur.upc.edu/26570866	2019	Energies	Q3	ENERGY & FUELS	1	SÍ
Andrada, Pere, Blanque, B., Martinez, E., Torrent, M., O.Rolando Ávila, Gomila, M., Adelantado, X. Hybrid reluctance machines with U-shaped electromagnets and permanent magnets. "Renewable Energy and Power Quality Journal", 01 Març 2015, vol. 13, núm. 1, p. 436-1-436-6. https://futur.upc.edu/17417947	2015	Renewable energy and power quality journal	--	NO INDEXADA A JCR	0	SÍ
Andrada, Pere, Martinez, E., Torrent, M., Blanque, B. Electromagnetic evaluation of an in-wheel double rotor axial-flux switched reluctance motor for electric traction. "Renewable energy and power quality journal", 1 Abril 2017, vol. 1, núm. 15, p. 671-675. DOI: 10.24084/repqj15.428 https://futur.upc.edu/23525411	2017	Renewable energy and power quality journal	--	NO INDEXADA A JCR	2	SÍ
Andrada, Pere, Martínez, F. Flux switching alternators for small wind generation. "Renewable Energy and Power Quality Journal", 4 Maig 2016, vol. 1, núm. 14, p. 678-683. DOI:10.24084/repqj14.426 https://futur.upc.edu/19685212	2016	Renewable energy and power quality journal	--	NO INDEXADA A JCR	1	SÍ
Barrantes, S., Sanchez Egea, Antonio J., Gonzalez-Rojas, Hernan A., Martí, M. J., Compta, Y., Valldeoriola, F., Simo, E., Tolosa, E., Valls-Solé, J. Differential diagnosis between Parkinson's disease and essential tremor using the smartphone's accelerometer. "PLoS one", 25 Agost 2017, vol. 12, núm. 8, p. 1-12. DOI: 10.1371/journal.pone.0183843 https://futur.upc.edu/21331624	2017	PLoS one	Q1	MULTIDISCIPLINARY SCIENCES	22	SÍ
Bubnovich, V., Pedro San Martin, P., Henriquez, L., Orlovskaya, N., Gonzalez-Rojas, Hernan A. Electric power generation from combustion in porous media. "Journal of porous media", 12	2016	Journal of porous media	Q3	ENGINEERING, MECHANICAL	3	NO

GAECE	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT
Setembre 2016, vol. 19, núm. 10, p. 841-851. DOI:10.1615/JPorMedia.v19.i10.10 https://futur.upc.edu/19074741						
Buj, I., Vivancos, J., Gonzalez-Rojas, Hernan A. Influence of eccentricity on roughness distributions in side milling. "Machining science and technology", 1 Juny 2016, vol. 20, núm. 2, p. 187-200. DOI: 10.1080/10910344.2016.1165834 https://futur.upc.edu/18764634	2016	Machining science and technology	Q3	ENGINEERING, MECHANICAL	0	SÍ
Cabezuelo, D. [et al.]. Synchronized switching modulation to reduce the DC-link current in SRM drives. "IEEE access", 20 Març 2020, vol. 8, p. 57849-57858. DOI: 10.1109/ACCESS.2020.2982269 https://futur.upc.edu/28743887	2020	IEEE access	Q2	ENERGY & FUELS	2	SÍ
Duarte, A. [et al.]. Engineering education for sustainable development: The European Project Semester approach. "IEEE transactions on education", 16 Juliol 2019. DOI: 10.1109/TE.2019.2926944 https://futur.upc.edu/25815238	2019	IEEE transactions on education	Q2	EDUCATION, SCIENTIFIC DISCIPLINES	3	NO
Florez, L.; Gonzalez-Rojas, H. A.; Sanchez Egea, A. J. Estimation of specific cutting energy in an S235 alloy for multi-directional ultrasonic vibration-assisted machining using the Finite Element Method. "Materials", 24 Gener 2020, vol. 13, núm. 3, p. 517:1-517:14. DOI: 10.3390/ma13030567 https://futur.upc.edu/26639852	2020	Materials	Q1	METALLURGY & METALLURGICAL ENGINEERING	3	SÍ
Garcia-Amorós, J., Andrada, Pere, Blanque, B., Marin-Genesca, M. Influence of design parameters in the optimization of linear switched reluctance motor under thermal constraints. "IEEE transactions on industrial electronics", Febrer 2018, vol. 65, núm. 2, p. 1875-1783. DOI: 10.1109/TIE.2017.2686361 https://futur.upc.edu/21122254	2018	IEEE transactions on industrial electronics	Q1	INSTRUMENTS & INSTRUMENTATION	20	SÍ
Garcia, J. [et al.]. Two-phase linear hybrid reluctance actuator with low detent force. "Energies", 3 Octubre 2020, vol. 13, núm. 19, p. 1:5162-16:5162. DOI: 10.3390/en13195162 https://futur.upc.edu/29673639	2020	Energies	Q3	ENERGY & FUELS	0	SÍ
Garcia, J.; Andrada, Pere; Blanque, B. Assessment of Linear Switched Reluctance Motor's Design Parameters for Optimal Performance. "Electric power components and systems", 21 Abril 2015, vol. 43, núm. 7, p. 810-819. DOI: 10.1080/15325008.2014.1004001 https://futur.upc.edu/15643686	2015	Electric power components and systems	Q3	ENGINEERING, ELECTRICAL & ELECTRONIC	8	SÍ

GAECE	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT
Gomez, G. [et al.]. Study of a ball-burnishing vibration-assisted process. "Proceedings of the Institution of Mechanical Engineers. Part B, journal of engineering", 01 Gener 2015, vol. 229, núm. 1, p. 172-177. DOI: 10.1177/0954405414526383 https://futur.upc.edu/14921317	2015	Proceedings of the Institution of Mechanical Engineers. Part B, journal of engineering	Q2	ENGINEERING, MECHANICAL	7	SÍ
Gomila, M., Sanchez, J., Andrada, Pere, Blanque, B., Martinez, E., Perat, J., Torrent, M. Accionamientos de reluctancia autoconmutados con control de par para dirección asistida eléctrica. "Dyna ingeniería e industria", 1 Maig 2016, vol. 91, núm. 3, p. 289-295. DOI: 10.6036/7638 https://futur.upc.edu/18712964	2016	Dyna ingeniería e industria	Q4	ENGINEERING, MULTIDISCIPLINARY	0	NO
Gonzalez-Rojas, H. A. [et al.]. An ultra-fast annealing treatment by electropulsing during pure Copper wire drawing. "Metals", 23 Novembre 2019, vol. 9, núm. 12, p. 1253:1-1253:10. DOI: 10.3390/met9121253 https://futur.upc.edu/25985610	2019	Metals	Q1	METALLURGY & METALLURGICAL ENGINEERING	2	SÍ
Gonzalez-Rojas, Hernan A., Chana, P., Zayas F, E.E., Cardona, S., Sánchez, A. Time measurement characterization of stand-to-sit and sit-to-stand transitions by using a smartphone. "Medical & Biological Engineering & Computing", 23 Octubre 2017, vol. 56, núm. 5, p. 879-888. DOI: 10.1007/s11517-017-1728-5 https://futur.upc.edu/21563519	2017	Medical & Biological Engineering & Computing	Q2	COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS	4	SÍ
Gonzalez-Rojas, Hernan A., Napoles, A., Sanchez Egea, A. J. Machinability estimation by drilling monitoring. "Dyna ingeniería e industria", 3 Juliol 2018, vol. 93, núm. 6, p. 663-667. DOI: 10.6036/8821 https://futur.upc.edu/23462798	2018	Dyna ingeniería e industria	Q4	ENGINEERING, MULTIDISCIPLINARY	0	SÍ
Gonzalez-Rojas, Hernan A., Sanchez Egea, Antonio J., Travieso-Rodríguez, J.A., Lluma, J., Jorba, J. Estimation of the polishing time for different metallic alloys in surface texture removal. "Machining science and technology", 29 Gener 2018, vol. 22, núm. 4, p. 729-741. DOI: 10.1080/10910344.2017.1402931 https://futur.upc.edu/21878839	2018	Machining science and technology	Q3	ENGINEERING, MECHANICAL	2	SÍ
Hameed, S., Gonzalez-Rojas, Hernan A., Perat, J., Napoles, A., Sánchez, A. Influence of the regime of electropulsing-assisted machining on the plastic deformation of the layer being cut. "Materials", 25 Maig 2018, vol. 11, núm. 6, p. 886-1 - 886-10. DOI: 10.3390/ma11060886 https://futur.upc.edu/22958077	2018	Materials	Q2	MATERIAL SCIENCE, MULTIDISCIPLINARY	6	SÍ

GAECE	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT
Hameed, S., Gonzalez-Rojas, Hernan A., Sanchez Egea, Antonio J., Napoles, A. Electroplastic cutting influence on power consumption during drilling process. "International journal of advanced manufacturing technology", 12 Març 2016, vol. 87, núm. 5, p. 1835-1841. DOI: 10.1007/s00170-016-8562-z https://futur.upc.edu/17659340	2016	International journal of advanced manufacturing technology	Q2	AUTOMATION & CONTROL SYSTEMS	14	SÍ
Loaiza, J. [et al.]. Angular velocity analysis boosted by machine learning for helping in the differential diagnosis of Parkinson's Disease and Essential Tremor. "IEEE access", 11 Maig 2020, p. 1-10. DOI: 10.1109/ACCESS.2020.2993647 https://futur.upc.edu/28142065	2020	IEEE access	Q2	TELECOMMUNICATIONS	0	SÍ
Martínez, F., Andrada, P. High-speed synchronous generators. A critical assessment. "Información tecnológica (Online)", 1 Abril 2017, vol. 28, p. 1-12. DOI: 10.4067/S0718-07642017000200006 https://futur.upc.edu/20330333	2017	Información tecnológica (Online)	--	NO INDEXADA A JCR	0	SÍ
Martynenko, V. [et al.]. Surface damaging of brass and steel pins when sliding over nitrided samples cut by finishing and roughing EDM conditions. "Materials", 17 Juliol 2020, vol. 13, núm. 14, p. 3199:1-3199:10. DOI: 10.3390/ma13143199 https://futur.upc.edu/28913282	2020	Materials	Q1	METALLURGY & METALLURGICAL ENGINEERING	1	SÍ
Montilla, C. A. [et al.]. Corrosion behavior of an AISI/SAE steel cut by electropulsing. "Materials", 18 Novembre 2019, vol. 12, núm. 22, p. 3782:1-3782:15. DOI: 10.3390/ma12223782 https://futur.upc.edu/25969786	2019	Materials	Q2	MATERIAL SCIENCE, MULTIDISCIPLINARY	0	SÍ
Montilla, C. A., Gonzalez-Rojas, Hernan A., Higuera, O., Kallewaard, V., Sánchez, A. Electropulsing effects on mechanical and metallurgical behavior of AISI-SAE 4140 steel. "Contemporary Engineering Sciences", 2 Octubre 2018, vol. 11, núm. 59, p. 2911-2921. DOI: 10.12988/ces.2018.86297 https://futur.upc.edu/23366809	2018	Contemporary Engineering Sciences	--	NO INDEXADA A JCR	--	SÍ
Montilla, C.; Kallewaard, V.; Gonzalez-Rojas, H. A. Effect of electropulses on the machinability of a C45E steel. "Dyna ingeniería e industria", 1 Gener 2019, vol. 94, núm. 1, p. 94-99. DOI: 10.6036/8829 https://futur.upc.edu/23634346	2019	Dyna ingeniería e industria	Q4	ENGINEERING, MULTIDISCIPLINARY	1	SÍ
Napoles, A. [et al.]. Model based on an effective material-removal rate to evaluate specific energy consumption in grinding. "Materials", 21 Març 2019, vol. 12, núm. 6, p. 939-1/939-12. DOI: 10.3390/ma12060939 https://futur.upc.edu/24016779	2019	Materials	Q2	MATERIAL SCIENCE, MULTIDISCIPLINARY	1	SÍ

GAECE	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT
Sanchez Egea, A. J. [et al.]. On the microstructure effects when using electropulsing versus furnace treatments while drawing inox 308L. "Journal of Materials Research and Technology", 7 Maig 2019, vol. 8, núm. 2, p. 2269-2279. DOI: 10.1016/j.jmrt.2019.03.007 https://futur.upc.edu/24473859	2019	Journal of Materials Research and Technology	Q1	METALLURGY & METALLURGICAL ENGINEERING	5	NO
Sanchez Egea, Antonio J., Gonzalez-Rojas, Hernan A., Celentano, D., Jorba, J. Mechanical and metallurgical changes on 308L wires drawn by electropulses. "Materials and design", 17 Novembre 2015, vol. 90, p. 1159-1169. DOI: 10.1016/j.matdes.2015.11.067 https://futur.upc.edu/17251511	2015	Materials and design	Q1	MATERIAL SCIENCE, MULTIDISCIPLINARY	30	NO
Sanchez Egea, Antonio J., Gonzalez-Rojas, Hernan A., Celentano, D., Jorba, J., Cao, J. Thermomechanical analysis of an electrically assisted wire drawing process. "Journal of manufacturing science and engineering. Transactions of the ASME", 18 Setembre 2017, vol. 139, núm. 11, p. 111017:1 - 11017-7. DOI:10.1115/1.4037798 https://futur.upc.edu/21560323	2017	Journal of manufacturing science and engineering. Transactions of the ASME	Q1	ENGINEERING, MECHANICAL	14	NO
Sanchez Egea, Antonio J., Gonzalez-Rojas, Hernan A., Montilla, C. A., Kallewaard, V. Effect of electroplastic cutting on the manufacturing process and surface properties. "Journal of materials processing technology", 13 Març 2015, vol. 222, p. 327-334. DOI: 10.1016/j.jmatprotec.2015.03.018 https://futur.upc.edu/15560000	2015	Journal of materials processing technology	Q1	ENGINEERING, INDUSTRIAL	19	NO
Sanchez Egea, Antonio J., Gonzalez-Rojas, Hernan A., Montilla, C. A., Kallewaard, V. Turning process assisted in situ by short time current pulses. "Procedia engineering", 10 Desembre 2015, vol. 132, p. 507-512. DOI: 10.1016/j.proeng.2015.12.526 https://futur.upc.edu/18545824	2015	Procedia engineering	--	NO INDEXADA A JCR	1	SÍ
Sanchez, J. [et al.]. Predictive maintenance plan for switched reluctance motor drives. "IEEE Latin America transactions", 2 Gener 2020, vol. 18, núm. 1, p. 67-74. DOI: 10.1109/TLA.2020.9049463 https://futur.upc.edu/28743891	2020	IEEE Latin America transactions	Q4	ENGINEERING, ELECTRICAL & ELECTRONIC	0	SÍ
Sanchez, J. Las 5S: el orden frente al caos. "Técnica industrial", 1 Març 2016, núm. 313, p. 88-89 https://futur.upc.edu/18769179	2016		Técnica industrial	NO JCR	--	NO

GAECE	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT
Torrent, M. [et al.]. Caracterización de motores de inducción para tracción ferroviaria a partir del circuito equivalente,incluyendo todas las pérdidas del motor. "Dyna", 01 Gener 2015, vol. 90, núm. 1, p. 87-95. DOI: 10.6036/7179 https://futur.upc.edu/15465438	2015	Dyna ingeniería e industria	Q4	ENGINEERING, MULTIDISCIPLINARY	0	SÍ
Torrent, M., Perat, J., Jiménez, J. Permanent magnet synchronous motor with different rotor structures for traction motor in high speed trains. "Energies", 13 Juny 2018, vol. 11, núm. 6, p. 1-17. DOI: 10.3390/en11061549 https://futur.upc.edu/23225792	2018	Energies	Q3	ENERGY & FUELS	15	SÍ
Torrent, M.; Martinez, E.; Perat, J. Application work using software tools and didactic equipment of electrical machines in electrical engineering studies. " Computer applications in engineering education", 1 Gener 2020, vol. 28, núm. 3, p. 435-443. DOI: 10.1002/cae.22205 https://futur.upc.edu/27575782	2020	Computer applications in engineering education	Q4	COMPUTER SCIENCE, ITERDISCIPLINARY APPLICATIONS	1	SÍ
Travieso-Rodríguez, J.A., Gomez, G., Jorba, J., Carrillo, F., Dessein, G., Alexis, J., Gonzalez-Rojas, Hernan A. Experimental study on the mechanical effects of the vibration-assisted ball-burnishing process. "Materials and manufacturing processes", 02 Desembre 2015, vol. 30, núm. 12, p. 1490-1497. DOI: 10.1080/10426914.2015.1019114 https://futur.upc.edu/15584379	2015	Materials and manufacturing processes	Q3	MATERIAL SCIENCE, MULTIDISCIPLINARY	17	SÍ
Valoppi, B., Sanchez Egea, Antonio J., Zhang, Z., Gonzalez-Rojas, Hernan A., Ghiotti, A., Bruschi, S., Cao, J. A hybrid mixed double-sided incremental forming method for forming Ti6Al4V alloy. "CIRP annals. Manufacturing technology", 12 Maig 2016. DOI: 10.1016/j.cirp.2016.04.135 https://futur.upc.edu/18084803	2016	CIRP annals. Manufacturing technology	Q1	ENGINEERING, INDUSTRIAL	16	SÍ
Villagomez-Galindo, M., Carbajal-De la Torre, G., Romo-Castañeda, J., Bedolla-Jacuinde, A., Gonzalez-Rojas, Hernan A., Espinosa-Medina, M. Casting Fe-Al-based intermetallics microalloyed with Li and Ag. "Journal of materials research", 29 Agost 2016, vol. 31, núm. 16, p. 2473-2481. DOI:10.1557/jmr.2016.249 https://futur.upc.edu/18821926	2016	Journal of materials research	Q3	METALLURGY & METALLURGICAL ENGINEERING	2	SÍ

INSIDE	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT
TOTAL	**4**		**0**		**8**	**4**
Fisac, M.; Villasevil, F.X.; Lopez, A. Design of a thermoelectric generator with fast transient respose. "Renewable energy", 13 Abril 2015, vol. 81, p. 658-663. DOI: https://doi.org/10.1016/j.renene.2015.03.080. https://futur.upc.edu/16268596	2015	Renewable energy	Q2	GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	8	SÍ
Ibáñez García, Jose Maria; Ibañez, J. Designing for healthcare. "Inmaterial. Diseño, Arte y Sociedad", 20 Desembre 2020, vol. 4, núm. 8, p.7-11. https://futur.upc.edu/26984435	2020	Inmaterial. Diseño, Arte y Sociedad	--	NO INDEXADA A JCR	0	SÍ
Ibáñez García, José María. Diseño centrado en el usuario: espacios no asistenciales polivalentes en hospitales. "Inmaterial. Diseño, Arte y Sociedad", 20 Desembre 2019, vol. 4, núm. 8, p. 103-130. https://futur.upc.edu/26984383	2019	Inmaterial. Diseño, Arte y Sociedad	--	NO INDEXADA A JCR	0	SÍ
Ibáñez García, Jose Maria. Empenta. Método para optimizar el diseño de espacios de trabajo. "Experimenta : ediciones de diseño : revista para la cultura del proyecto", 2 Octubre 2020, núm. 86, p. 80-82. https://futur.upc.edu/29481826	2020	Experimenta : ediciones de diseño : revista para la cultura del proyecto	--	NO INDEXADA A JCR	0	SÍ

LAB	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTO CITES)	ACCÉS OBERT
TOTALS	**65**		**47**		**1276**	**63**
Abbot, B. P., Abbot, T. D., Acernese, F., Andre, M. Multi-messenger observations of a binary neutron star merger. "Astrophysical Journal Letters", 1 Gener 2017, vol. 848. DOI: 10.3847/2041-8213/aa91c9. https://futur.upc.edu/21714541	2017	Astrophysical Journal Letters	Q1	ASTRONOMY & ASTROPHYSICS	664	SÍ
Adrian-Martinez, S., Ageron, M., Aharonian, F., Andre, M. Letter of intent for KM3NeT 2.0. "Journal of physics G.Nuclear and particle physics", Agost 2016, vol. 43, núm. 8, p. 1-130. DOI: 10.1088/0954-3899/43/8/084001. https://futur.upc.edu/19786348	2016	Journal of physics G.Nuclear and particle physics	Q2	PHYSICS, NUCLEAR	187	SÍ
Adrian-Martinez, S., Ageron, M., Aiello, S., Albert, A., Ameli, F., Anassontzis, E., Andre, M., E. A. A method to stabilise the performance of negatively fed KM3NeT photomultipliers. "Journal of instrumentation", 19 Desembre 2016, vol. 11. DOI: 10.1088/1748-0221/11/12/P12014. https://futur.upc.edu/19668351	2016	Journal of instrumentation	Q3	INSTRUMENTS & INSTRUMENTATION	1	SÍ
Adrian-Martinez, S., Albert, A., Andre, M. A search for secluded dark matter in the sun with the ANTARES neutrino telescope. "Journal of cosmology and astroparticle physics", 5 Maig 2016, núm. 4. DOI: 10.1088/1475-7516/2016/05/016. https://futur.upc.edu/18771346	2016	Journal of cosmology and astroparticle physics	Q1	ASTRONOMY & ASTROPHYSICS	14	SÍ
Adrian-Martinez, S., Albert, A., Andre, M. ANTARES constrains a blazar origin of two IceCube PeV neutrino events. "Astronomy and astrophysics", 01 Abril 2015, vol. 576, p. L8-1-L8-6. DOI: 10.1051/0004-6361/201525670. https://futur.upc.edu/15644396	2015	Astronomy and astrophysics	Q1	ASTRONOMY & ASTROPHYSICS	3	SÍ
Adrian-Martinez, S., Albert, A., Andre, M. Limits on dark matter annihilation in the sun using the ANTARES neutrino telescope. "Physics letters B", 10 Agost 2016, vol. 759, p. 69-74. DOI: 10.1016/j.physletb.2016.05.019. https://futur.upc.edu/19550781	2016	Physics letters B	Q1	ASTRONOMY & ASTROPHYSICS	32	SÍ
Adrian-Martinez, S., Albert, A., Andre, M. Time calibration with atmospheric muon tracks in the ANTARES neutrino telescope. "Astroparticle physics", Maig 2016, vol. 78, p. 43-51. DOI: 10.1016/j.astropartphys.2016.02.001. https://futur.upc.edu/18742341	2016	Astroparticle physics	Q2	ASTRONOMY & ASTROPHYSICS	0	SÍ

LAB	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTO CITES)	ACCÉS OBERT
Adrian-Martinez, S., Albert, A., Andre, M., Anghinolfi, M. Stacked search for time shifted high energy neutrinos from gamma ray bursts with the Antares neutrino telescope. "European physical journal C", 10 Gener 2017, vol. 77, núm. 20. DOI: 10.1140/epjc/s10052-016-4496-8. https://futur.upc.edu/19668008	2017	European physical journal C	Q1	PHYSICS, PARTICLES & FIELDS	2	SÍ
Adrian-Martinez, S., Albert, A., Andre, M., Anghinolfi, M., Anton, G., Ardid, M., Aubert, J., Avgitas, T., Baret, B., Barrios, J., Basa, S., Bertin, V., Biagi, S., Bormuth, R., Bouwhuis, M. High-energy neutrino follow-up search of gravitational wave event GW150914 with ANTARES and IceCube. "Physical Review D", 23 Juny 2016, vol. 93, núm. 12. DOI: 10.1103/PhysRevD.93.122010. https://futur.upc.edu/18967230	2016	Physical Review D	Q1	ASTRONOMY & ASTROPHYSICS	28	SÍ
Ageron, M. [et al.]. Dependence of atmospheric muon flux on seawater depth measured with the first KM3NeT detection units The KM3NeT Collaboration. "European physical journal. C, Particles and fields (Internet)", 6 Febrer 2020, vol. 80, núm. 2, p. 1-15. DOI: 10.1140/epjc/s10052-020-7629-z. https://futur.upc.edu/27784151	2020	European physical journal. C, Particles and fields (Internet)	Q2	PHYSICS, PARTICLES & FIELDS	0	SÍ
Ageron, M., Aiello, G., Ameli, F., Andre, M. Intrinsic limits on resolutions in muon- and electron-neutrino charged-current events in the KM3NeT/ORCA detector. "Journal of high energy physics", 1 Maig 2017, vol. 2017, núm. 8. DOI: 10.1007/JHEP05(2017)008. https://futur.upc.edu/20568712	2017	Journal of high energy physics	Q1	ASTRONOMY & ASTROPHYSICS	6	SÍ
Aiello, S. [et al.]. Event reconstruction for KM3NeT/ORCA using convolutional neural networks. "Journal of instrumentation", 1 Octubre 2020, vol. 15, núm. P10005, p. 1-40. DOI: 10.1088/1748-0221/15/10/P10005. https://futur.upc.edu/30583368	2020	Journal of instrumentation	Q4	INSTRUMENTS & INSTRUMENTATION	0	SÍ
Aiello, S. [et al.]. gSeaGen: The KM3NeT GENIE-based code for neutrino telescopes. "Computer physics communications", 1 Novembre 2020, vol. 256, p. 107477:1-107477:15. DOI: 10.1016/j.cpc.2020.107477. https://futur.upc.edu/29291559	2020	Computer physics communications	Q1	COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS	0	SÍ
Aiello, S. [et al.]. KM3NeT front-end and readout electronics system: hardware, firmware, and software. "Journal of Astronomical Telescopes, Instruments, and Systems", 23 Desembre 2019, vol. 5, núm. 4, p. 1-43.DOI: 10.1117/1.JATIS.5.4.046001. https://futur.upc.edu/27769399	2019	Journal of Astronomical Telescopes,	Q2	ENGINEERING, AEROSPACE	0	SÍ

LAB	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTO CITES)	ACCÉS OBERT
		Instruments, and Systems				
Aiello, S. [et al.]. Sensitivity of the KM3NeT/ARCA neutrino telescope to point-like neutrino sources. "Astroparticle physics", 1 Setembre 2019, vol. 111. DOI: 10.1016/j.astropartphys.2019.04.002. https://futur.upc.edu/25179411	2019	Astroparticle physics	Q2	ASTRONOMY & ASTROPHYSICS	7	SÍ
Aiello, S. [et al.]. The control unit of the KM3NeT data acquisition system. "Computer physics communications", 1 Novembre 2020, vol. 256, p. 1-16. DOI: 10.1016/j.cpc.2020.107433. https://futur.upc.edu/28894808	2020	Computer physics communications	Q1	COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS	0	SÍ
Aiello, S., Ameli, F., Andre, M., Anghinolfi, M., Anton, G., Ardid, M., Avgitas, T., Bertin, V., Bormuth, R., Bouwhuis, M., Puricelli, S., Cherubini, S., Coniglione, R., Mannheim, K., Morganti, M., Pellegrino, C., Piattelli, P., Real, D., Santangelo, A., Sharma, A., Trovato, A., Zaborov, D., Zúñiga, J. Characterisation of the Hamamatsu photomultipliers for the KM3NeT Neutrino Telescope. "Journal of instrumentation", 1 Maig 2018, vol. 13, p. 1-18. DOI: 10.1088/1748-0221/13/05/P05035. https://futur.upc.edu/23214358	2018	Journal of instrumentation	Q3	INSTRUMENTS & INSTRUMENTATION	2	SÍ
Albert, A. [et al.]. Joint Constraints on Galactic Diffuse Neutrino Emission from the ANTARES and IceCube Neutrino Telescopes. "The astrophysical journal letters", 1 Desembre 2018, vol. 868, núm. 2, p. 1-7. DOI: 10.3847/2041-8213/aaeec. https://futur.upc.edu/23612111	2018	Astrophysical journal letters	Q1	ASTRONOMY & ASTROPHYSICS	8	SÍ
Albert, A. [et al.]. Measuring the atmospheric neutrino oscillation parameters and constraining the 3+1 neutrino model with ten years of ANTARES data. "Journal of high energy physics", 1 Juny 2019, vol. 2019, núm. 113, p. 1-20. DOI: 10.1007/JHEP06(2019)113. https://futur.upc.edu/25803814	2019	Journal of high energy physics	Q1	PHYSICS, PARTICLES & FIELDS	8	SÍ
Albert, A. [et al.]. Model-independent search for neutrino sources with the ANTARES neutrino telescope. "Astroparticle physics", 1 Gener 2020, vol. 114, p. 35-47. DOI: 10.1016/j.astropartphys.2019.06.003. https://futur.upc.edu/25803122	2020	Astroparticle physics	Q2	ASTRONOMY & ASTROPHYSICS	1	SÍ

LAB	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTO CITES)	ACCÉS OBERT
Albert, A. [et al.]. Observation of the cosmic ray shadow of the Sun with the ANTARES neutrino telescope. "Physical Review D", 28 Desembre 2020, vol. 102, núm. 122007, p. 1-7. DOI: 10.1103/PhysRevD.102.122007. https://futur.upc.edu/30826204	2020	Physical Review D	Q1	ASTRONOMY & ASTROPHYSICS	0	SÍ
Albert, A. [et al.]. Search for dark matter towards the Galactic Centre with 11 years of ANTARES data. "Physics letters B", 10 Juny 2020, vol. 805, p. 1-6. DOI: 10.1016/j.physletb.2020.135439. https://futur.upc.edu/28886978	2020	Physics letters B	Q1	ASTRONOMY & ASTROPHYSICS	5	SÍ
Albert, A. [et al.]. Search for Multimessenger Sources of Gravitational Waves and High-energy Neutrinos with Advanced LIGO during Its First Observing Run, ANTARES, and IceCube. "The astrophysical journal letters", 16 Gener 2019, vol. 870, núm. 2, p. 1-16. DOI: 10.3847/1538-4357/aaf21d. https://futur.upc.edu/23649174	2019	Astrophysical journal letters	Q1	ASTRONOMY & ASTROPHYSICS	4	SÍ
Albert, A. [et al.]. Search for neutrino counterparts of gravitational-wave events detected by LIGO and Virgo during run O2 with the ANTARES telescope. "European physical journal. C, Particles and fields (Internet)", 30 Maig 2020, vol. 80, p. 487:1-487:9. DOI: 10.1140/epjc/s10052-020-8015-6. https://futur.upc.edu/29162320	2020	European physical journal. C, Particles and fields (Internet)	Q2	PHYSICS, PARTICLES & FIELDS	0	SÍ
Albert, A. [et al.]. The cosmic ray shadow of the Moon observed with the ANTARES neutrino telescope. "European physical journal. C, Particles and fields (Internet)", 11 Desembre 2018, vol. 78, núm. 1006, p. 1-9. DOI: 10.1140/epjc/s10052-018-6451-3. https://futur.upc.edu/23634079	2018	European physical journal. C, Particles and fields (Internet)	Q1	PHYSICS, PARTICLES & FIELDS	0	SÍ
Albert, A., Andre, M. An algorithm for the reconstruction of neutrino-induced showers in the ANTARES Neutrino telescope. "Astronomical journal", 4 Desembre 2017, vol. 154, núm. 6. DOI: 10.3847/1538-3881/aa9709. https://futur.upc.edu/21702483	2017	Astronomical journal	Q2	ASTRONOMY & ASTROPHYSICS	0	SÍ
Albert, A., Andre, M. Search for high-energy neutrinos from gravitational wave event GW151226 and candidate LVT151012 with ANTARES and IceCube. "Physical review D", 12 Juliol 2017, vol. 96, núm. 2, p. 1-15. DOI: 10.1103/PhysRevD.96.022005. https://futur.upc.edu/21478558	2017	Physical review D	Q1	ASTRONOMY & ASTROPHYSICS	7	SÍ

LAB	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTO CITES)	ACCÉS OBERT
Albert, A., Andre, M., Anghinolfi, M. Long-term monitoring of the ANTARES optical module efficiencies using 40K decays in sea water. "European physical journal C", 1 Agost 2018, vol. 78, núm. 669. DOI: 10.1140/epjc/s10052-018-6132-2. https://futur.upc.edu/23332383	2018	European physical journal C	Q1	PHYSICS, PARTICLES & FIELDS	0	SÍ
Albert, A., Andre, M., Anghinolfi, M. Search for high-energy neutrinos from binary neutron star merger GW170817 with ANTARES, IceCube, and the Pierre Auger Observatory. "The astrophysical journal letters", 1 Desembre 2017, vol. 850, núm. 2. DOI: 10.3847/2041-8213/aa9aed. https://futur.upc.edu/21694832	2017	Astrophysical journal letters	Q1	ASTRONOMY & ASTROPHYSICS	26	SÍ
Albert, A., Andre, M., Anghinolfi, M., Anton, G. Results from the search for dark matter in the Milky Way with 9 years of data of the ANTARES neutrino telescope. "Physics letters B", 10 Juny 2017, vol. 769, p. 249-254. DOI: 10.1016/j.physletb.2017.03.063. https://futur.upc.edu/20096419	2017	Physics letters B	Q1	ASTRONOMY & ASTROPHYSICS	3	SÍ
Albert, A., Andre, M., Anghinolfi, M., Anton, G., Ardid, M. All-flavor search for a diffuse flux of cosmic neutrinos with nine years of ANTARES data. "The astrophysical journal letters", 20 Gener 2018, vol. 853, núm. 1. DOI: 10.3847/2041-8213/aaa4f6. https://futur.upc.edu/21888989	2018	Astrophysical journal letters	Q1	ASTRONOMY & ASTROPHYSICS	9	SÍ
Albert, A., Andre, M., Anghinolfi, M., Anton, G., Ardid, M. All-sky search for high-energy neutrinos from gravitational wave event GW170104 with the Antares neutrino telescope: The ANTARES Collaboration. "European physical journal C", 28 Desembre 2017, vol. 77. DOI: 10.1140/epjc/s10052-017-5451-z. https://futur.upc.edu/21711235	2017	European physical journal C	Q1	PHYSICS, PARTICLES & FIELDS	4	SÍ
Albert, A., Andre, M., Anghinolfi, M., Anton, G., Ardid, M., Aubert, J., Avgitas, T., Baret, B., Barrios, J. The search for neutrinos from TXS 0506+056 with the ANTARES telescope. "The astrophysical journal", 20 Agost 2018, vol. 863, núm. 2, p. 1-11. DOI: 10.3847/2041-8213/aad8c0. https://futur.upc.edu/23391846	2018	Astrophysical journal	Q1	ASTRONOMY & ASTROPHYSICS	6	SÍ
Albert, A., Andre, M., Anghinolfi, M., Anton, G., Ardid, M., Aubert, J., Avgitas, T., Baret, B., Barrios, J., Basa, S. Search for relativistic magnetic monopoles with five years of the ANTARES detector data. "Journal of high energy physics", 1 Juliol 2017, vol. 2017, p. 1-19. DOI: 10.1007/JHEP07(2017)054. https://futur.upc.edu/21549582	2017	Journal of high energy physics	Q1	ASTRONOMY & ASTROPHYSICS	2	SÍ

LAB	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTO CITES)	ACCÉS OBERT
Albert, A., Andre, M., Anghinolfi, M., Anton, G., Ardid, M., Aubert, J., Avgitas, T., Baret, B., Barrios, J., Basa, S., Bertin, V. Search for dark matter annihilation in the earth using the ANTARES neutrino telescope. "Physics of the Dark Universe", 1 Juny 2017, vol. 16, p. 41-48. DOI: 10.1016/j.dark.2017.04.005. https://futur.upc.edu/20804943	2017	Physics of the Dark Universe	Q1	ASTRONOMY & ASTROPHYSICS	10	SÍ
Albert, A., Andre, M., Anghinolfi, M., Anton, G., Avgitas, T., Bertin, V., Bormuth, R., Puricelli, S., Coniglione, R., Gleixner, A., Lefèvre, D., Michael, T., Pellegrino, C., Piattelli, P., Sanchez-Losa, A., Schnabel, J., Trovato, A., Zúñiga, J. Search for high-energy neutrinos from bright GRBs with ANTARES. "Monthly notices of the Royal Astronomical Society", 1 Juliol 2017, vol. 469, núm. 1, p. 906-915. DOI: 10.1093/mnras/stx902. https://futur.upc.edu/21105483	2017	Monthly notices of the Royal Astronomical Society	Q1	ASTRONOMY & ASTROPHYSICS	2	SÍ
Albert, A., Andre, M., Anghinolfi, M., Anton, G., Avgitas, T., Bertin, V., Bormuth, R., Puricelli, S., Coniglione, R., Lefèvre, D., Michael, T., Pellegrino, C., Piattelli, P., Sanchez-Losa, A., Trovato, A., Zúñiga, J. An algorithm for the reconstruction of high-energy neutrino-induced particle showers and its application to the ANTARES neutrino telescope. "European physical journal C", 21 Juny 2017, vol. 77, núm. 6. DOI: 10.1140/epjc/s10052-017-4979-2. https://futur.upc.edu/21144322	2017	European physical journal C	Q1	PHYSICS, PARTICLES & FIELDS	0	SÍ
Albert, A., Andre, M., Anton, G., Ardid, M., Aubert, J., Avgitas, T., Baret, B., Barrios, J. Time-dependent search for neutrino emission from X-ray binaries with the ANTARES telescope. "Journal of cosmology and astroparticle physics", 11 Abril 2017, vol. 2017. DOI: 10.1088/1475-7516/2017/04/019. https://futur.upc.edu/21076155	2017	Journal of cosmology and astroparticle physics	Q1	ASTRONOMY & ASTROPHYSICS	1	SÍ
Albert, A., Anton, G., Andre, M. The firts combined search for neutrino point-sources in the Southern Hemisphere with the ANTARES and IceCube neutrino telescopes. "Astrophysical journal", 23 Maig 2016, vol. 823, núm. 1. DOI: 10.3847/0004-637X/823/1/65. https://futur.upc.edu/18742314	2016	Astrophysical journal	Q1	ASTRONOMY & ASTROPHYSICS	30	SÍ
Albert, A.; Andre, M.; Anghinolfi, M.; Anton, G. The search for high-energy neutrinos coincident with fast radio bursts with the ANTARES neutrino telescope. "Monthly Notices of the Royal Astronomical Society", 1 Gener 2019, vol. 482, núm. 1, p. 184-193. DOI: 10.1093/mnras/sty2621. https://futur.upc.edu/23612370	2019	Monthly Notices of the Royal Astronomical Society	Q1	ASTRONOMY & ASTROPHYSICS	4	NO

LAB	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTO CITES)	ACCÉS OBERT
Andre, M. [et al.]. ANTARES and IceCube combined search for neutrino point-like and extended sources in the southern sky. "The astrophysical journal letters", 1 Abril 2020, vol. 892, núm. 2, p. 1-21. DOI: 10.3847/1538-4357/ab7afb. https://futur.upc.edu/28989446	2020	Astrophysical journal letters	Q1	ASTRONOMY & ASTROPHYSICS	0	SÍ
Andre, M. [et al.]. ANTARES neutrino search for time and space correlations with IceCube high-energy neutrino events. "Astrophysical journal", 10 Juliol 2019, vol. 879, núm. 2-108, p. 1-14. DOI: 10.3847/1538-4357/ab253c. https://futur.upc.edu/25801687	2019	Astrophysical journal	Q1	ASTRONOMY & ASTROPHYSICS	0	SÍ
Andre, M. [et al.]. The SUrvey for Pulsars and Extragalactic Radio Bursts – II. New FRB discoveries and their follow-up. "Monthly notices of the Royal Astronomical Society", Abril 2018, vol. 475, núm. 2, p. 1427-1446. DOI: 10.1093/mnras/stx3074. https://futur.upc.edu/25886094	2018	Monthly notices of the Royal Astronomical Society	Q1	ASTRONOMY & ASTROPHYSICS	62	SÍ
Andre, M. A search for cosmic neutrino and gamma-ray emitting transients in 7.3yr of ANTARES and Fermi LAT data. "Astrophysical journal", 1 Desembre 2019, vol., 886, núm. 2, p. 1-8. DOI: 10.3847/1538-4357/ab4a74. https://futur.upc.edu/26917273	2019	Astrophysical journal	Q1	ASTRONOMY & ASTROPHYSICS	1	SÍ
Andre, M. Ocean noise: making sense of sounds. "Social science information sur les sciences sociales", 1 Gener 2018, vol. 57, núm. 3, p. 483. DOI: 10.1177/0539018418793052. https://futur.upc.edu/23369469	2018	Social science information sur les sciences sociales	Q3	SOCIAL SCIENCES, INTERDISCIPLINARY	2	NO
Andre, M., Anghinolfi, M., Anton, G., Avgitas, T., Bertin, V., Bormuth, R., Puricelli, S., Coniglione, R., Lefèvre, D., Michael, T., Pellegrino, C., Piattelli, P., Sanchez-Losa, A., Trovato, A., Zúñiga, J. First all-flavor neutrino pointlike source search with the ANTARES neutrino telescope. "Physical review D", 3 Octubre 2017, vol. 96, núm. 8. DOI: 10.1103/PhysRevD.96.082001. https://futur.upc.edu/21577948	2017	Physical review D	Q1	ASTRONOMY & ASTROPHYSICS	12	SÍ
Andre, M., Anghinolfi, M., Anton, G., Avgitas, T., Bertin, V., Bormuth, R., Puricelli, S., Coniglione, R., Lefèvre, D., Michael, T., Pellegrino, C., Piattelli, P., Sanchez-Losa, A., Trovato, A., Zúñiga, J. New constraints on all flavor Galactic diffuse neutrino emission with the ANTARES telescope. "Physical review D", 11 Setembre 2017, vol. 96, núm. 6, p. 1-8. DOI: 10.1103/PhysRevD.96.062001. https://futur.upc.edu/21556019	2017	Physical review D	Q1	ASTRONOMY & ASTROPHYSICS	13	SÍ
Andre, M., Caballe, A., Van Der Schaar, M., Solsona, A., Houegnigan, L., Zaugg, S., Sánchez, A., Castell, J., Vila, F. Sperm whale long-range echolocation sounds revealed by ANTARES, a	2017	Scientific reports	Q1	MULTIDISCIPLINARY SCIENCES	8	SÍ

LAB	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTO CITES)	ACCÉS OBERT
deep-sea neutrino telescope. "Scientific reports", 12 Abril 2017, vol. 7. DOI: 10.1038/srep45517 https://futur.upc.edu/20096378						
Anghinolfi, M., Anton, G., Andre, M., Avgitas, T., Bertin, V., Bormuth, R., Puricelli, S., Coniglione, R., Gleixner, A., Lefèvre, D., Michael, T., Pellegrino, C., Piattelli, P., Sanchez-Losa, A., Schnabel, J. Constraints on the neutrino emission from the Galactic Ridge with the ANTARES telescope. "Physics letters B", 10 Setembre 2016, vol. 760, p. 143-148. DOI: 10.1016/j.physletb.2016.06.051. https://futur.upc.edu/19343257	2016	Physics letters B	Q1	ASTRONOMY & ASTROPHYSICS	13	SÍ
Croft, S., Kaplan, D., Tingay, S., Andre, M. Murchison Widefield Array limits on radio emission from ANTARES neutrino events. "The Astrophysical Journal Letters", 22 Març 2016, vol. 820, núm. 2, p. 1-7. DOI: 10.3847/2041-8205/820/2/L24. https://futur.upc.edu/18763236	2016	Astrophysical Journal Letters	Q1	ASTRONOMY & ASTROPHYSICS	1	SÍ
de Vreese, S. [et al.]. Marine mammal acoustic detections in the Greenland and Barents Sea, 2013 – 2014 seasons. "Scientific reports", 1 Desembre 2018, vol. 8, núm. 16882, p. 1-14. DOI: 10.1038/s41598-018-34624-z. https://futur.upc.edu/23612500	2018	Scientific reports	Q1	MULTIDISCIPLINARY SCIENCES	2	SÍ
De Vreese, S. [et al.]. Morphological evidence for the sensitivity of the ear canal of odontocetes as shown by immunohistochemistry and transmission electron microscopy. "Scientific reports", 6 Març 2020, vol. 10, p. 1-17. DOI: 10.1038/s41598-020-61170-4 https://futur.upc.edu/27846218	2020	Scientific reports	Q1	MULTIDISCIPLINARY SCIENCES	0	SÍ
De Vreese, S.; Andre, M.; Mazzariol, S. Morphology of the external ear canal in toothed whales. "Proceedings of meetings on acoustics", Juliol 2019, vol. 37, núm. 1, p. 010016:1-010016:3. DOI: 10.1121/2.0001281. https://futur.upc.edu/30355173	2019	Proceedings of meetings on acoustics	--	NO INDEXAT A JCR	--	SÍ
Español, S., Van Der Schaar, M. First record of humpback whale songs in Southern Chile: Analysis of seasonal and diel variation. "Marine mammal science", 8 Febrer 2018. DOI: 10.1111/mms.12477 https://futur.upc.edu/22329099	2018	Marine mammal science	Q1	ZOOLOGY	3	SÍ
Huggenberger, S., Andre, M., Oelschläger, H. The nose of the sperm whale: overviews of functional design, structural homologies and evolution. "Journal of the Marine Biological Association of the United Kingdom", Juny 2016, vol. 96, núm. 4, p. 783-806. DOI: 10.1017/S0025315414001118. https://futur.upc.edu/18733178	2016	Journal of the Marine Biological Association of the United Kingdom	Q3	MARINE & FRESHWATER BIOLOGY	11	SÍ

LAB	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTO CITES)	ACCÉS OBERT
Klaus, L., Popper, A., Hawkins, A., Akamatsu, T., Andre, M., Branstetter, B., Lammers, M., Radford, C., Stansbury, A., Aran, M. Auditory sensitivity in aquatic animals. "Journal of the Acoustical Society of America", 1 Juny 2016, vol. 139, núm. 6, p. 3097-3101. DOI: 10.1121/1.4952711. https://futur.upc.edu/18721066	2016	Journal of the Acoustical Society of America	Q3	ACOUSTICS	4	SÍ
Morell, M. [et al.]. Ultrastructure of the Odontocete Organ of Corti: Scanning and Transmission Electron Microscopy. "Journal of comparative neurology", 15 Febrer 2015, vol. 523, núm. 3, p. 431-448. DOI: 10.1002/cne.23688. https://futur.upc.edu/15389016	2015	Journal of comparative neurology	Q1	ZOOLOGY	4	SÍ
Morell, M., Brownlow, A., McGovern, B., Raverty, S., Shadwick, R., Andre, M. Implementation of a method to visualize noise-induced hearing loss in mass stranded cetaceans. "Scientific reports", 6 Febrer 2017, vol. 7. DOI: 10.1038/srep41848. https://futur.upc.edu/19748461	2017	Scientific reports	Q1	MULTIDISCIPLINARY SCIENCES	1	SÍ
Morell, M., Lehnert, K., Raverty, S., Wohlsein, P., Gröne, A., Andre, M., Siebert, U., Shadwick, R. Parasites in the inner ear of harbour porpoise: Cases from the North and baltic seas. "Diseases of aquatic organisms", 19 Desembre 2017, vol. 127, núm. 1, p. 57-63. DOI: 10.3354/dao03178. https://futur.upc.edu/21711135	2017	Diseases of aquatic organisms	Q2	VETERINARY SCIENCES	0	SÍ
Rowlinson, A., O'Sullivan, M., Anghinolfi, M., Anton, G., Avgitas, T., Bertin, V., Puricelli, S., Coniglione, R., Gleixner, A., Lefèvre, D., Michael, T., Pellegrino, C., Piattelli, P., Sanchez-Losa, A., Schnabel, J., Trovato, A., Zúñiga, J., Elejabarrieta, M., Bernhard, S., Hahn, J., Lamanna, G., Moulin, E., Moya, I., Santangelo, A., Schulz, A., Vink, J., Wagner, P., Yang, R., Zaborov, D., Andre, M. A polarized fast radio burst at low Galactic latitude. "Monthly notices of the Royal Astronomical Society", 1 Agost 2017, vol. 469, núm. 4, p. 4465-4482. DOI: 10.1093/mnras/stx1098. https://futur.upc.edu/21478403	2017	Monthly notices of the Royal Astronomical Society	Q1	ASTRONOMY & ASTROPHYSICS	42	SÍ
Sole, M. [et al.]. A proteomic analysis of the statocyst endolymph in common cuttlefish (Sepia officinalis): an assessment of acoustic trauma after exposure to sound. "Scientific reports", 1 Desembre 2019, vol. 9:9340, p. 1-12. DOI: 10.1038/s41598-019-45646-6 https://futur.upc.edu/25803214	2019	Scientific reports	Q1	MULTIDISCIPLINARY SCIENCES	1	SÍ
Sole, M., Lenoir, M., Fortuño, J.M., Durfort, M., Van Der Schaar, M., Andre, M. Evidence of Cnidarians sensitivity to sound after exposure to low frequency underwater sources. "Scientific	2016	Scientific reports	Q1	MULTIDISCIPLINARY SCIENCES	11	SÍ

LAB	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTO CITES)	ACCÉS OBERT
reports", 21 Desembre 2016, vol. 6, núm. 37979. DOI: 10.1038/srep37979 https://futur.upc.edu/19772101						
Sole, M., Lenoir, M., Fortuño, J.M., Van Der Schaar, M., Andre, M. A critical period of susceptibility to sound in the sensory cells of cephalopod hatchlings. "Biology Open", 1 Gener 2018, vol. 7, p. 1-13. DOI: 10.1242/bio.033860. https://futur.upc.edu/23454000	2018	Biology Open	Q2	BIOLOGY	2	SÍ
Sole, M., Sigray, P., Lenoir, M., Van Der Schaar, M., Lalander, E., Andre, M. Offshore exposure experiments on cuttlefish indicate received sound pressure and particle motion levels associated with acoustic trauma. "Scientific reports", 5 Abril 2017, vol. 7. DOI: 10.1038/srep45899 https://futur.upc.edu/20085197	2017	Scientific reports	Q1	MULTIDISCIPLINARY SCIENCES	7	SÍ
Van Der Schaar, M. [et al.]. Arctic anthropogenic sound contributions from seismic surveys during summer 2013. "Frontiers in Marine Science", 13 Juny 2017, vol. 4, núm. 175. DOI: 10.3389/fmars.2017.00175 https://futur.upc.edu/21162990	2017	Frontiers in Marine Science	--	NO INDEXADA A JCR L'ANY 2017 (ES VA COMENÇAR A INDEXAR EL 2018)	0	SÍ

SEPIC / PECS	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT
TOTALS	**51**		**31**		**795**	**45**
Antonio Carlos, Z., Santos, M., Castilla, M., Miret, J., Garcia de Vicuña, J., Marujo, D. Voltage security in AC microgrids: A power flow-based approach considering droopcontrolled inverters. "IET renewable power generation", 01 Gener 2015, vol. 9, p. 954-960. DOI: 10.1049/iet-rpg.2014.0406. https://futur.upc.edu/17503936	2015	IET renewable power generation	Q2	ENGINEERING, ELECTRICAL & ELECTRONIC	29	SÍ
Bandeiras, F., Gomes, M., Coelho, P., Fernandes, J., Camacho, A., Castilla, M. Microgrid architecture evaluation for small and medium size industries. "International journal of emerging electric power systems", 5 Febrer 2018, vol. 2018, p. 1-11. DOI: 10.1515/ijeeps-2017-0174. https://futur.upc.edu/21895095	2018	International journal of emerging electric power systems	JCI	ENGINEERING, ELECTRICAL & ELECTRONIC	2	SÍ
Camacho, A. [et al.]. Active and reactive power strategies with peak current limitation for distributed generation inverters during unbalanced grid faults. "IEEE transactions on industrial electronics", 01 Març 2015, vol. 62, núm. 3, p. 1515-1525. DOI: 10.1109/TIE.2014.2347266. https://futur.upc.edu/15536606	2015	IEEE transactions on industrial electronics	Q1	ENGINEERING, ELECTRICAL & ELECTRONIC	147	SÍ
Camacho, A., Castilla, M., Canziani, F., Moreira, C., Coelho, P., Gomes, M., Mercado, P. Performance comparison of grid-faulty control schemes for inverter-based industrial microgrids. "Energies", 11 Desembre 2017, vol. 10, núm. 12, p. 1-25. DOI: 10.3390/en10122096. https://futur.upc.edu/21707822	2017	Energies	Q2	ENERGY & FUELS	2	SÍ
Camacho, A., Castilla, M., Miret, J., Garcia de Vicuña, J., Garnica, M. Control strategy for distribution generation inverters to maximize the voltage support in the lowest phase during voltage sags. "IEEE transactions on industrial electronics", 7 Agost 2017, núm. 99, p. 1. DOI: 10.1109/TIE.2017.2736486. https://futur.upc.edu/21547322	2017	EEE transactions on industrial electronics	Q1	ENGINEERING, ELECTRICAL & ELECTRONIC	16	SÍ

SEPIC / PECS	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT
Camacho, A., Castilla, M., Miret, J., Garcia de Vicuña, J., Guzman, R. Positive and Negative Sequence Control Strategies to Maximize the Voltage Support in Resistive-Inductive Grids During Grid Faults. "IEEE transactions on power electronics", 27 Juliol 2017, vol. 99, p. 1. DOI: 10.1109/TPEL.2017.2732452. https://futur.upc.edu/21542498	2017	IEEE transactions on power electronics	Q1	ENGINEERING, ELECTRICAL & ELECTRONIC	29	SÍ
Castilla, M. [et al.]. Avoiding overvoltage problems in three-phase distributed-generation systems during unbalanced voltage sags. "IET power electronics", 17 Juny 2020, vol. 13, núm. 8, p. 1537 - 1545. DOI: 10.1049/iet-pel.2019.1178. https://futur.upc.edu/27720486	2020	IET power electronics	Q2	ENGINEERING, ELECTRICAL & ELECTRONIC	3	SÍ
Castilla, M., Camacho, A., Marti, P., Velasco, M., Moradi, M. Impact of clock drifts on communication-free secondary control schemes for inverter-based islanded microgrids. "IEEE transactions on industrial electronics", 13 Novembre 2017, vol. PP, núm. 9, p. 1-11. DOI: 10.1109/TIE.2017.2772178. https://futur.upc.edu/21671044	2017	IEEE transactions on industrial electronics	Q1	ENGINEERING, ELECTRICAL & ELECTRONIC	13	NO
Castilla, M., Camacho, A., Miret, J., Velasco, M., Marti, P. Local secondary control for inverter-based islanded microgrids with accurate active-power sharing under high load conditions. "IEEE transactions on industrial electronics", 13 Juny 2018, p. 1. DOI: 10.1109/TIE.2018.2844846. https://futur.upc.edu/23241860	2018	IEEE transactions on industrial electronics	Q1	ENGINEERING, ELECTRICAL & ELECTRONIC	10	SÍ
Cortez, C. [et al.]. Aggregated economic analysis of the brazilian electricity distribution companies using a regulated market economic model. "Journal of control, automation and electrical Systems", 29 Març 2020, vol. 31, p. 693-704. DOI: 10.1007/s40313-020-00572-1. https://futur.upc.edu/28818429	2020	Journal of control, automation and electrical Systems	JCI	AUTOMATION & CONTROL SYSTEMS	0	SÍ
De La Hoz, J., Martin, M., Miret, J., Castilla, M., Guzman, R. Evaluating the 2014 retroactive regulatory framework applied to the grid connected PV systems in Spain. "Applied energy", 15 Maig 2016, vol. 170, p. 329. DOI: 10.1016/j.apenergy.2016.02.092. https://futur.upc.edu/17838646	2016	Applied energy	Q1	ENGINEERING, CHEMICAL	17	SÍ

SEPIC / PECS	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT
De La Hoz, J., Martin, M., Montalà, M., Matas, J., Guzman, R. Assessing the 2014 retroactive regulatory framework applied to the concentrating solar power systems in Spain. "Applied energy", 15 Febrer 2018, vol. 212, p. 1377-1399. DOI: 10.1016/j.apenergy.2018.01.012. https://futur.upc.edu/21977203	2018	Applied energy	Q1	ENGINEERING, CHEMICAL	2	SÍ
Garnica, M. [et al.]. Optimal voltage-support control for distributed generation inverters in RL grid-faulty networks. "IEEE transactions on industrial electronics", 30 Octubre 2019, vol. 67, núm. 10, p. 8405-8415. https://futur.upc.edu/25957884	2019	IEEE transactions on industrial electronics	Q1	ENGINEERING, INDUSTRIAL	2	SÍ
Garnica, M. A., Garcia de Vicuña, J., Miret, J., Castilla, M., Guzman, R. Control strategy for grid-connected three-phase inverters during voltage sags to meet grid codes and to maximize power delivery capability. "IEEE transactions on power electronics", 12 Gener 2018, vol. 33, núm. 11, p. 9360-9374. DOI: 10.1109/TPEL.2018.2792478. https://futur.upc.edu/21711062	2018	IEEE transactions on power electronics	Q1	ENGINEERING, ELECTRICAL & ELECTRONIC	36	SÍ
Garnica, M., Garcia de Vicuña, J., Miret, J., Camacho, A., Guzman, R. Voltage support experimental analysis of a low-voltage ride-through strategy applied to grid-connected distributed inverters. "Energies", 27 Juliol 2018, vol. 11, núm. 8, p. 1-20. DOI: 10.3390/en11081949. https://futur.upc.edu/23330463	2018	Energies	Q3	ENERGY & FUELS	1	SÍ
Ghahderijani, M.M. [et al.]. Imbalance-voltage mitigation in an inverter-based distributed generation system using a minimum current-based control strategy. "IEEE transactions on power delivery", Juny 2020, vol. 35, núm. 3, p. 1399-1409. DOI:10.1109/TPWRD.2019.2945472. https://futur.upc.edu/28997193	2020	EEE transactions on power delivery	Q1	ENGINEERING, ELECTRICAL & ELECTRONIC	0	SÍ
Guzman, R. [et al.]. Sliding-Mode Control for a Three-Phase Unity Power Factor Rectifier Operating at Fixed Switching Frequency. "IEEE transactions on power electronics". 11 Febrer 2015, vol. 31 , núm. 1, p. 758-769. DOI: 10.1109/TPEL.2015.2403075. https://futur.upc.edu/15436791	2015	IEEE transactions on power electronics	Q1	ENGINEERING, ELECTRICAL & ELECTRONIC	36	SÍ

SEPIC / PECS	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT
Guzman, R., Garcia de Vicuña, J., Camacho, A., Miret, J., Rey, J. Receding-horizon model predictive control for a three-phase VSI with an LCL filter. "IEEE transactions on industrial electronics", 20 Novembre 2018, vol. 66, núm. 9, p. 6671-6680. DOI: 10.1109/TIE.2018.2877094. https://futur.upc.edu/23527636	2018	IEEE transactions on industrial electronics	Q1	ENGINEERING, ELECTRICAL & ELECTRONIC	13	SÍ
Guzman, R., Garcia de Vicuña, J., Castilla, M., Miret, J., Camacho, A. Finite control set model predictive control for a three-phase shunt active power filter with a kalman filter-based estimation. "Energies", 10 Octubre 2017, vol. 10, núm. 1553. DOI: 10.3390/en10101553. https://futur.upc.edu/21567937	2017	Energies	Q2	ENERGY & FUELS	7	SÍ
Guzman, R., Garcia de Vicuña, J., Castilla, M., Miret, J., De La Hoz, J. Variable structure control for three-phase LCL-filtered inverters using a reduced converter model. "IEEE transactions on industrial electronics", 16 Juny 2017, vol. 65, núm. 1, p. 5-15. DOI: 10.1109/TIE.2017.2716881. https://futur.upc.edu/21103338	2017	IEEE transactions on industrial electronics	Q1	ENGINEERING, INDUSTRIAL	25	SÍ
Guzman, R., Garcia de Vicuña, J., Castilla, M., Miret, J., Martin, M. Variable structure control in natural frame for three-phase grid-connected inverters with LCL filter. "IEEE transactions on power electronics", 5 Juliol 2017, vol. 33, núm. 5, p. 4512-4522. DOI: 10.1109/TPEL.2017.2723638. https://futur.upc.edu/21146619	2017	IEEE transactions on power electronics	Q1	ENGINEERING, ELECTRICAL & ELECTRONIC	17	SÍ
Guzman, R., Garcia de Vicuña, J., Morales, J., Castilla, M., Miret, J. Model-based active damping control for three-phase voltage source inverters with LCL filter. "IEEE transactions on power electronics", 2 Setembre 2016. DOI: 10.1109/TPEL.2016.2605858. https://futur.upc.edu/18850428	2016	IEEE transactions on power electronics	Q1	ENGINEERING, ELECTRICAL & ELECTRONIC	44	SÍ
Guzman, R., Garcia de Vicuña, J., Morales, J., Castilla, M., Miret, J. Model-based control for a three-phase shunt active power filter. "IEEE transactions on industrial electronics", 10 Març 2016. DOI: 10.1109/TIE.2016.2540580. https://futur.upc.edu/17656731	2016	IEEE transactions on industrial electronics	Q1	ENGINEERING, INDUSTRIAL	36	SÍ

SEPIC / PECS	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT
Jahangir, H. [et al.]. A novel electricity price forecasting approach based on dimension reduction strategy and rough artificial neural networks. "IEEE transactions on industrial informatics", 1 Abril 2020, vol. 16, núm. 4, p. 2369-2381. DOI: 10.1109/TII.2019.2933009. https://futur.upc.edu/27186664	2020	IEEE transactions on industrial informatics	Q1	ENGINEERING, INDUSTRIAL	3	NO
Jahangir, H. [et al.]. Charging demand of Plug-in Electric Vehicles: Forecasting travel behavior based on a novel Rough Artificial Neural Network approach. "Journal of cleaner production", 20 Agost 2019, vol. 229, p. 1029-1044. DOI: 10.1016/j.jclepro.2019.04.345. https://futur.upc.edu/25154087	2019	Journal of cleaner production	Q1	GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	20	NO
Marti, P., Torres, J., Rosero, C. X., Velasco, M., Miret, J., Castilla, M. Analysis of the effect of clock drifts on frequency regulation and power sharing in inverter-based islanded microgrids. "IEEE transactions on power electronics", 12 Febrer 2018, vol. 33, núm. 12, p. 10363-10379. DOI: 10.1109/TPEL.2018.2805368. https://futur.upc.edu/22423028	2018	IEEE transactions on power electronics	Q1	ENGINEERING, ELECTRICAL & ELECTRONIC	8	SÍ
Marti, P., Velasco, M., Martin, E.X., Garcia de Vicuña, J., Miret, J., Castilla, M. Performance evaluation of secondary control policies with respect to digital communications properties in inverter-based islanded microgrids. "IEEE Transactions on Smart Grid", 12 Setembre 2016. DOI: 10.1109/TSG.2016.2608323. https://futur.upc.edu/19790695	2016	IEEE Transactions on Smart Grid	Q1	ENGINEERING, ELECTRICAL & ELECTRONIC	7	SÍ
Martin, M., De La Hoz, J., Velasco, G., Castilla, M., Garcia de Vicuña, J. Promotion of concentrating solar thermal power (CSP) in Spain: Performance analysis of the period 1998–2013. "Renewable and sustainable energy reviews", 01 Octubre 2015, vol. 50, p. 1052-1068. DOI: 10.1016/j.rser.2015.05.062. https://futur.upc.edu/16637314	2015	Renewable and sustainable energy reviews	Q1	GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	24	SÍ
Miret, J. [et al.]. Optimal tuning of the control parameters of an inverter-based microgrid using the methodology of design of experiments. "IET power electronics", 1 Octubre 2020, vol. 13, núm. 16, p. 3651 – 3660. DOI: 10.1049/iet-pel.2020.0225. https://futur.upc.edu/29569243	2020	IET power electronics	Q2	ENGINEERING, ELECTRICAL & ELECTRONIC	0	SÍ

SEPIC / PECS	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT
Miret, J. [et al.]. PI-based controller for low-power distributed inverters to maximise reactive current injection while avoiding over voltage during voltage sags. "IET power electronics", 25 Octubre 2018, vol. 12, núm. 1, p. 83-91. DOI: 10.1049/iet-pel.2018.5071. https://futur.upc.edu/23661483	2018	IET power electronics	Q2	ENGINEERING, ELECTRICAL & ELECTRONIC	6	SÍ
Miret, J. [et al.]. Reactive current injection protocol for low-power rating distributed generation sources under voltage sags. "IET power electronics", 01 Juny 2015, vol. 8, núm. 6, p. 879-886. DOI: 10.1049/iet-pel.2014.0593. https://futur.upc.edu/16615174	2015	IET power electronics	N/A	ENGINEERING, ELECTRICAL & ELECTRONIC	12	SÍ
Miret, J. [et al.]. Reactive current injection protocol for low-power rating distributed generation sources under voltage sags. "IET power electronics", 01 Juny 2015, vol. 8, núm. 6, p. 879-886. DOI: 10.1049/iet-pel.2014.0593. https://futur.upc.edu/16615174	2015	IET power electronics	N/A	ENGINEERING, ELECTRICAL & ELECTRONIC	12	SÍ
Miret, J., Garcia de Vicuña, J., Guzman, R., Camacho, A., Moradi, M. A flexible experimental laboratory for distributed generation networks based on power inverters. "Energies", 13 Octubre 2017, vol. 10, núm. 10. DOI: 10.3390/en10101589. https://futur.upc.edu/21630089	2017	Energies	Q2	ENERGY & FUELS	4	SÍ
Momeneh, A., Castilla, M., Miret, J., Marti, P., Velasco, M. Comparative study of reactive power control methods for photovoltaic inverters in low-voltage grids. "IET renewable power generation", 01 Març 2016, vol. 10, núm. 3, p. 310-318. DOI: 10.1049/iet-rpg.2014.0402. https://futur.upc.edu/17838602	2016	IET renewable power generation	Q2	ENGINEERING, ELECTRICAL & ELECTRONIC	29	SÍ
Momeneh, A., Castilla, M., Moradi, M., Miret, J., Garcia de Vicuña, J. Analysis, design and implementation of a residential inductive contactless energy transfer system with multiple mobile clamps. "IET power electronics", 30 Juny 2017, vol. 10, núm. 8, p. 875-883. DOI: 10.1049/iet-pel.2016.0387. https://futur.upc.edu/21204756	2017	IET power electronics	Q2	ENGINEERING, ELECTRICAL & ELECTRONIC	4	SÍ
Moradi, M., Castilla, M., Momeneh, A., Miret, J., Garcia de Vicuña, J. Analysis, design and implementation of a DC/DC boost resonant-inductor converter with sliding-mode control. "IET	2018	IET power electronics	Q2	ENGINEERING, ELECTRICAL & ELECTRONIC	4	SÍ

SEPIC / PECS	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT
power electronics", 20 Març 2018, vol. 11. DOI: 10.1049/iet-pel.2017.0234. https://futur.upc.edu/22025951						
Moradi, M., Castilla, M., Momeneh, A., Miret, J., Garcia de Vicuña, J. Robust and fast sliding-mode control for a DC-DC current-source parallel-resonant converter. "IET power electronics", 20 Febrer 2018, vol. 11, núm. 2, p. 262-271. DOI: 10.1049/iet-pel.2017.0033. https://futur.upc.edu/21990514	2018	IET power electronics	Q2	ENGINEERING, ELECTRICAL & ELECTRONIC	4	SÍ
Moradi, M., Castilla, M., Momeneh, A., Tomas, J., Garcia de Vicuña, J. Frequency-modulation control of a DC/DC current-source parallel-resonant converter. "IEEE transactions on industrial electronics", 1 Juliol 2017, vol. 64, núm. 7, p. 5392-5402. DOI: 10.1109/TIE.2017.2677321. https://futur.upc.edu/21120688	2017	IEEE transactions on industrial electronics	Q1	ENGINEERING, INDUSTRIAL	19	SÍ
Morales, J., Garcia de Vicuña, J., Guzman, R., Castilla, M., Miret, J. Modeling and sliding mode control for three-phase active power filters using vector operation technique. "IEEE transactions on industrial electronics", vol. 65, n.9, Sept. 2018, pp. 6828 - 6838. DOI: 10.1109/TIE.2018.2795528. https://futur.upc.edu/21872576	2018	IEEE transactions on industrial electronics	Q1	ENGINEERING, ELECTRICAL & ELECTRONIC	22	NO
Nascimento, B. [et al.]. Load shedding scheme with under-frequency and undervoltage corrective actions to supply high priority loads in islanded microgrids. "IET renewable power generation", 19 Agost 2019, vol. 13, núm. 11, p. 1981-1989. DOI: 10.1049/iet-rpg.2018.6229. https://futur.upc.edu/25828941	2019	IET renewable power generation	Q1	ENGINEERING, ELECTRICAL & ELECTRONIC	4	SÍ
Portelinha Júnior, F., Zambroni de Sousa, A. C., Castilla, M., Queiroz, D., Ribeiro, P. Control Strategies for Improving Energy Efficiency and Reliability in Autonomous Microgrids with Communication Constraints. "Energies", 19 Setembre 2017, vol. 10, núm. 9, p. 1-16. DOI: 10.3390/en10091443. https://futur.upc.edu/21564036	2017	Energies	Q2	ENERGY & FUELS	9	SÍ

SEPIC / PECS	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT
Rey, J. [et al.]. Droop-free hierarchical control strategy for inverter-based AC microgrids. "IET power electronics", 20 Maig 2020, vol. 13, núm. 7, p. 1403-1415. DOI: 10.1049/iet-pel.2019.0705. https://futur.upc.edu/28989042	2020	IET power electronics	Q2	ENGINEERING, ELECTRICAL & ELECTRONIC	2	SÍ
Rey, J. [et al.]. Negative-sequence voltage elimination for distributed generators in grid-feeding operation mode. "IET power electronics", 24 Juliol 2020, vol. 13, núm. 9, p. 1764. DOI: 10.1049/iet-pel.2019.1023. https://futur.upc.edu/29435287	2020	IET power electronics	Q2	ENGINEERING, ELECTRICAL & ELECTRONIC	2	NO
Rey, J. M. [et al.]. Adaptive slope voltage control for distributed generation inverters with improved transient performance. "IEEE transactions on energy conversion", 9 Abril 2019, vol. 34, núm. 3, p. 1644 - 1654. DOI: 10.1109/TEC.2019.2909780. https://futur.upc.edu/24241183	2019	IEEE transactions on energy conversion	Q1	ENGINEERING, ELECTRICAL & ELECTRONIC	0	SÍ
Rey, J. M. [et al.]. Local frequency restoration for droop-controlled parallel inverters in islanded microgrids. "IEEE transactions on energy conversion", 1 Gener 2018, vol.34, núm. 3, p. 1232-1241. DOI: 10.1109/TEC.2018.2886267. https://futur.upc.edu/23579400	2018	IEEE transactions on energy conversion	Q1	ENGINEERING, ELECTRICAL & ELECTRONIC	0	SÍ
Rey, J., Marti, P., Velasco, M., Miret, J., Castilla, M. Secondary switched control with no communications for islanded microgrids. "IEEE transactions on industrial electronics", Novembre 2017, vol. 64, núm. 11, p. 8534-8545. DOI: 10.1109/TIE.2017.2703669. https://futur.upc.edu/21106145	2017	IEEE transactions on industrial electronics	Q1	ENGINEERING, INDUSTRIAL	29	SÍ
Rosero, C. [et al.]. Active power sharing and frequency regulation in droop-free control for islanded microgrids under electrical and communication failures. "IEEE transactions on industrial electronics", 1 Agost 2020, vol. 67, núm. 8, p. 6461-6472. DOI: 10.1109/TIE.2019.2939959. https://futur.upc.edu/28845039	2020	IEEE transactions on industrial electronics	Q1	ENGINEERING, ELECTRICAL & ELECTRONIC	2	SÍ
Rosero, C. X. [et al.]. Analysis of consensus-based islanded microgrids subject to unexpected electrical and communication partitions. "IEEE Transactions on Smart Grid", 1 Gener 2018, vol. 10, núm. 5, p. 5125-5135. DOI: 10.1109/TSG.2018.2877218. https://futur.upc.edu/23506984	2018	IEEE Transactions on Smart Grid	Q1	ENGINEERING, ELECTRICAL & ELECTRONIC	0	SÍ

SEPIC / PECS	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT
Sosa, J., Castilla, M., Miret, J., Matas, J., Al-Turki, Y. Control strategy to maximize the power capability of PV three-phase inverters during voltage sags. "IEEE transactions on power electronics", 01 Abril 2016, vol. 31, núm. 4, p. 3314-3323. DOI: 10.1109/TPEL.2015.2451674. https://futur.upc.edu/17389280	2016	IEEE transactions on power electronics	Q1	ENGINEERING, ELECTRICAL & ELECTRONIC	81	SÍ
Velasco, M. [et al.]. Enabling grid-feeding converters with a dissonant-resonant controller for negative-sequence voltage elimination. "IEEE transactions on power electronics", 1 Abril 2020, vol. 35, núm. 4, p. 4342-4352. DOI: 10.1109/TPEL.2019.2938906. https://futur.upc.edu/27186678	2020	IEEE transactions on power electronics	Q1	ENGINEERING, ELECTRICAL & ELECTRONIC	1	SÍ
Yang, Y. [et al.]. Advanced control of grid-connected inverters for proton exchange membrane fuel cell system. "International journal of hydrogen energy", 27 de novembre 2020, vol. 45, núm. 58, p. 33198-33207. DOI: 10.1016/j.ijhydene.2020.09.130. https://futur.upc.edu/30383540	2020	International journal of hydrogen energy	Q2	ELECTROCHEMISTRY	0	NO

SARTI i SARTI/MAR	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT	
TOTALS	**82**		**28**		**211**	**75**	
Aguzzi, J. [et al.]. Exo-ocean exploration with deep-sea sensor and platform technologies. "Astrobiology", 2020, vol. 20, núm. 7, p. 897-915. DOI: 10.1089/ast.2019.2129 https://futur.upc.edu/27635872	2020	Astrobiology	Q1	GEOSCIENCES, MULTIDISCIPLINARY	2	SÍ	SARTI i SARTI-MAR
Aguzzi, J. [et al.]. Multiparametric monitoring of sh activity rhythms in an Atlantic coastal cabled observatory. "Journal of marine systems", 20 Agost 2020, vol. 212, p. 103424:1-103424:18. DOI: 10.1016/j.jmarsys.2020.103424 https://futur.upc.edu/29199427	2020	Journal of marine systems	Q2	OCEANOGRAPHY	0	NO	SARTI i SARTI-MAR
Aguzzi, J. [et al.]. The Hierarchic treatment of marine ecological information from spatial networks of benthic platforms. "Sensors", 21 Març 2020, vol. 20, núm. 6, p. 1751:1-1751:21. DOI: 10.3390/s20061751 https://futur.upc.edu/27605311	2020	Sensors	Q1	INSTRUMENTS & INSTRUMENTATION	2	SÍ	SARTI i SARTI-MAR
Aguzzi, J. [et al.]. The potential of video imagery from worldwide cabled observatory networks to provide information supporting fish-stock and biodiversity assessment. "ICEs journal of marine science", 12 Novembre 2020, vol. 77, núm 7-8, p. 2396–2410. DOI: 10.1093/icesjms/fsaa169 https://futur.upc.edu/29805565	2020	ICEs journal of marine science	Q1	OCEANOGRAPHY	0	NO	SARTI i SARTI-MAR
Aguzzi, J.; Doya, C.; Del Rio, J. Coastal observatories for monitoring of fish behaviour and their responses to environmental changes. "Reviews in fish biology and fisheries", 18 Maig 2015, p. 1-21. DOI: 10.1007/s11160-015-9387-9 https://futur.upc.edu/16495576	2015	Reviews in fish biology and fisheries	--	NO INDEXADA A JCR	16	SÍ	SARTI i SARTI-MAR
Aguzzi, Jacopo [et al.]. New high-tech flexible networks for the monitoring of deep-sea ecosystems. "Environmental Science & Technology", 2019, vol. 53, núm. 12, p. 6616-6631. DOI: 10.1021/acs.est.9b00409 https://futur.upc.edu/25283844	2019	Environmental Science & Technology	Q1	ENGINEERING, ENVIRONMENTAL	7	NO	SARTI i SARTI-MAR
Báez Hernández, Maite [et al.]. High frequency pCO2 monitoring in the Mediterranean coastal waters. A: 7th International Workshop on Marine Technology : MARTECH 2016. "Instrumentation viewpoint". Vilanova i la Geltrú: SARTI, 2016, p. 90-91. https://futur.upc.edu/19570926	2016	Instrumentation viewpoint	--	NO INDEXADA A JCR	--	SÍ	SARTI i SARTI-MAR

SARTI i SARTI/MAR	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT	
Best, Mairi M. R., Favali, P., Beranzoli, L., Dañobeita, J., Delory, E., Del Rio, J., Piera, J., Waldmann, C. The EMSO-ERIC Pan-European Consortium: data benefits and lessons learned as the legal entity forms. "Marine Technology Society journal", 2 Maig 2016, vol. 50, núm. 3, p. 8-15. DOI: 10.4031/MTSJ.50.3.13 https://futur.upc.edu/19526734	2016	Marine Technology Society journal	Q3	ENGINEERING, OCEAN	3	NO	SARTI i SARTI-MAR
Borras , R. [et al.]. Optical power model of a laser bar diode. A: IMEKO World Congress. "Journal of Physics: Conference Series, 1065 (2018). XXII World Congress of the International Measurement Confederation (IMEKO 2018) 3–6 September 2018, Belfast, United Kingdom". Londres: Institute of Physics (IOP), 2018, p. 032002-1-032002-4. DOI: 10.1088/1742-6596/1065/3/032002 https://futur.upc.edu/23933998	2018	Journal of Physics	--	NO INDEXADA A JCR	--	SÍ	SARTI i SARTI-MAR
Borras, R., Del Rio, J., Oriach, C., Juliachs, J. Laser diodes optical output power model. "Measurement", 7 Octubre 2018, vol. 133, p. 56-67. DOI: 10.1016/j.measurement.2018.10.007 https://futur.upc.edu/23409578	2018	Measurement	Q2	INSTRUMENTS & INSTRUMENTATION	1	SÍ	SARTI i SARTI-MAR
Buck, J. [et al.]. Ocean data product integration through innovation-the next level of data interoperability. "Frontiers in Marine Science", 28 Febrer 2019, vol. 6, p. 32/1-32/19. DOI: 10.3389/fmars.2019.00032 https://futur.upc.edu/23955974	2019	Frontiers in Marine Science	Q1	MARINE & FRESHWATER BIOLOGY	11	SÍ	SARTI i SARTI-MAR
Cantó, E., Lopez, M., Ramos, R., Sánchez, R. Flexible biometric online speaker-verification system implemented on FPGA using vector floating-point units. "IEEE transactions on very large scale integration (VLSI) systems", 01 Novembre 2015. DOI: 10.1109/TVLSI.2014.2377578 https://futur.upc.edu/16669493	2015	IEEE transactions on very large scale integration (VLSI) systems	Q2	COMPUTER SCIENCE, HARDWARE & ARCHITECTURE	3	SÍ	SARTI
Cantó, E.; Lopez, M.; Ramos, R. Floating-point accelerator for biometric recognition on FPGA embedded systems. "Journal of Parallel and Distributed Computing", 1Febrer 2018, vol. 112, part 1, p. 20-34. DOI: 10.1016/j.jpdc.2017.09.010 https://futur.upc.edu/21589888	2018	Journal of Parallel and Distributed Computing	Q2	COMPUTER SCIENCE, THEORY & METHODS	3	NO	SARTI
Carandell Widmer, Matias; Nogueras Cervera, Marc. Data comparison between three acoustic doppler current profilers deployed in OBSEA platform in North-Western Mediterranean. A: 7th International Workshop on Marine Technology : MARTECH 2016. "Instrumentation viewpoint". Vilanova i la Geltrú: SARTI, 2016, p. 87-89. https://futur.upc.edu/19573989	2016	Instrumentation Viewpoint	--	NO INDEXADA A JCR	--	SÍ	SARTI i SARTI-MAR

SARTI i SARTI/MAR	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT	
Carandell, M. [et al.]. Design and testing of a kinetic energy harvester embedded into an oceanic drifter. "IEEE sensors journal", 28 Febrer 2020. DOI: 10.1109/JSEN.2020.2976517 https://futur.upc.edu/27176323	2020	IEEE sensors journal	Q2	INSTRUMENTS & INSTRUMENTATION	0	SÍ	SARTI i SARTI-MAR
Carbonell, M., Virto, S., Gamez-Montero, P.J. Dryout and replenishment of bottom-heated saturated porous media with an overlying plain water layer. "Applied sciences", 13 Desembre 2018, vol. 8, núm. 12, 2607-1 / 2607-25. DOI:10.3390/app8122607 https://futur.upc.edu/23579857	2018	Applied sciences	Q2	PHYSICS, APPLIED	0	SÍ	SARTI
Carbonell, M.; Massana, I.; Prat, J.; Trullols, E.; Del Rio, J. A real time seafloor seismometer. "Instrumentation viewpoint", 01 Setembre 2015, núm. 18, p. 24. https://futur.upc.edu/16943641	2015	Instrumentation viewpoint	--	NO INDEXADA A JCR	--	SÍ	SARTI i SARTI-MAR
Carreras Pons, N. [et al.]. Piezoelectric energy harvesting system for volcanic seismic acquisition equipment. Martech 2015 6th International Workshop on Marine Technology". "Instrumentation Viewpoint", 2015, núm. 18, p. 34-35. https://futur.upc.edu/16943743	2015	Instrumentation viewpoint	--	NO INDEXADA A JCR	--	SÍ	SARTI i SARTI-MAR
Carreras, N., Moure, D., Gomariz, S., Toma, D.M., Mànuel, A., Ortiz, R. Design of a smart and wireless seismometer for volcanology monitoring. "Measurement", 5 Novembre 2016, núm. 97, p. 174-185. DOI: 10.1016/j.measurement.2016.11.013 https://futur.upc.edu/19309314	2016	Measurement	Q2	INSTRUMENTS & INSTRUMENTATION	3	SÍ	SARTI i SARTI-MAR
Coco, S. [et al.]. Video monitoring of Sparidae temporal rhythms: three-year study by OBSEA cabled observatory. A: 7th International Workshop on Marine Technology : MARTECH 2016. "Instrumentation viewpoint". Vilanova i la Geltrú: SARTI, 2016, p. 61-62. https://futur.upc.edu/19566974	2016	Instrumentation viewpoint	--	NO INDEXADA A JCR	--	SÍ	SARTI i SARTI-MAR
Dañobeitia, J. [et al.]. Toward a comprehensive and integrated strategy of the European Marine Research Infrastructures for Ocean Observations. "Frontiers in Marine Science", 31 Març 2020, vol. 7, p. 180:1-180:8. DOI: 10.3389/fmars.2020.00180 https://futur.upc.edu/26984428	2020	Frontiers in Marine Science	Q1	MARINE & FRESHWATER BIOLOGY	0	SÍ	SARTI i SARTI-MAR

SARTI i SARTI/MAR	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT	
Del Rio, J. [et al.]. Obsea: a decadal balance for a cabled observatory deployment. "IEEE access", 13 Febrer 2020, vol. 8, p. 33163-33177. DOI: 10.1109/ACCESS.2020.2973771 https://futur.upc.edu/27063869	2020	IEEE access	Q2	ENGINEERING, ELECTRICAL & ELECTRONIC	2	SÍ	SARTI i SARTI-MAR
Del Rio, J., Toma, D.M., Martinez, E., O'Reilly, T.C., Delory, E., Pearlman, J., Waldmann, C., Jirka, S. A sensor web architecture for integrating smart oceanographic sensors into the semantic sensor web. "IEEE journal of oceanic engineering", Octubre 2018, vol. 43, núm. 4, p. 830-842. DOI: 10.1109/JOE.2017.2768178 https://futur.upc.edu/21683622	2018	IEEE journal of oceanic engineering	Q1	ENGINEERING, OCEAN	10	SÍ	SARTI i SARTI-MAR
Fanelli, E. [et al.]. Towards Naples Ecological REsearch for Augmented Observatories (NEREA): The NEREA-Fix module, a stand-alone platform for long-term deep-sea ecosystem monitoring. "Sensors", 21 Maig 2020, vol. 20, núm. 10, p. 2911:1-2911:16. DOI: 10.3390/s20102911 https://futur.upc.edu/28458750	2020	Sensors	Q1	INSTRUMENTS & INSTRUMENTATION	0	SÍ	SARTI i SARTI-MAR
Faviali, Paolo [et al.]. European Multidisciplinary and Water-Column Observatory - European Research Infrastructure Consortium (EMSO ERIC): challenges and opportunities for strategic European marine sciences. A: 7th International Workshop on Marine Technology : MARTECH 2016. "Instrumentation viewpoint". Vilanova i la Geltrú: SARTI, 2016, p. 78-79. https://futur.upc.edu/19568063	2016	Instrumentation viewpoint	--	NO INDEXADA A JCR	--	SÍ	SARTI i SARTI-MAR
Galarza, C. [et al.]. Design obstacle detection system for AUV guanay II. Martech 2015 6th International Workshop on Marine Technology. "Instrumentation Viewpoint", 2015, núm. 18, p. 22. https://futur.upc.edu/16943657	2015	Instrumentation viewpoint	--	NO INDEXADA A JCR	--	SÍ	SARTI i SARTI-MAR
Galarza, C.M., Prat, J., Gomariz, S. Obstacle detection algorithm of low computational cost for Guanay II AUV. A: "Instrumentation viewpoint (electrònic)". Antoni Mànuel, 2016, p. 101-102. https://futur.upc.edu/19309249	2016	Instrumentation viewpoint	--	NO INDEXADA A JCR	--	SÍ	SARTI
Garcia Benadí, A. [et al.]. Initial study of the background noise level variation at the shore mediterranean sea. Martech 2015 6th International Workshop on Marine Technology". "Instrumentation Viewpoint", 2015, núm. 18, p. 31-32. https://futur.upc.edu/16943735	2015	Instrumentation viewpoint	--	NO INDEXADA A JCR	--	SÍ	SARTI i SARTI-MAR

SARTI i SARTI/MAR	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT	
Garcia Benadí, Albert [et al.]. Optical fibers to measure temperature vertical profile at sea. A: 7th International Workshop on Marine Technology : martech 2016. "Instrumentation viewpoint". Vilanova i la Geltrú: SARTI, 2016. p. 34. https://futur.upc.edu/19544900	2016	Instrumentation viewpoint	--	NO INDEXADA A JCR	--	SÍ	SARTI i SARTI-MAR
García Sánchez, Óscar [et al.]. Data acquisition system development for EGIM on EMSODEV EU Project. A: 7th International Workshop on Marine Technology : MARTECH 2016. "Instrumentation viewpoint". Vilanova i la Geltrú: SARTI, 2016. p. 84-85. https://futur.upc.edu/19569447	2016	Instrumentation viewpoint	--	NO INDEXADA A JCR	--	SÍ	SARTI i SARTI-MAR
Garcia-Benadí, A. [et al.]. Estimación de la incertidumbre asociada a la localización de objetos en el medio marino mediante técnicas acústicas. "e-medida. Revista española de metrología", 16 Gener 2019, núm. 14. https://futur.upc.edu/23612821	2019	e-medida. Revista española de metrología	--	NO INDEXADA A JCR	--	SÍ	SARTI i SARTI-MAR
Garcia-Benadí, A. [et al.]. Good practice guide for calibrating a hydrophone "in situ" with a non-omnidirectional source at 10 kHz (26-34). "Acta imeko", 13 Febrer 2015, vol. 4, núm. 1, p. 26-34. DOI: 10.21014/acta_imeko.v4i1.157 https://futur.upc.edu/15433877	2015	Acta IMEKO	--	NO INDEXADA A JCR	0	SÍ	SARTI i SARTI-MAR
Garcia-Benadí, A. [et al.]. Precipitation type classification of micro rain radar data using an improved doppler spectral processing methodology. A: "Remote sensing". Multidisciplinary Digital Publishing Institute (MDPI), 2020, vol. 12, núm. 24, p. 4113:1-4113:23. DOI: 10.3390/rs12244113 https://futur.upc.edu/30018928	2020	Remote sensing	Q1	GEOSCIENCES, MULTIDISCIPLINARY	0	SÍ	SARTI
Garcia-Benadí, A., Del Rio, J., Nogueras, M. The MeteoMet2 project—highlights and results. "Measurement science and technology", 18 Gener 2018, vol. 29, núm. 2, p. 0-17. DOI: 10.1088/1361-6501/aa99fc https://futur.upc.edu/21872941	2018	Measurement science and technology	Q3	INSTRUMENTS & INSTRUMENTATION	3	NO	SARTI i SARTI-MAR
García, C., Garcia-Benadí, A., Corredera, P., Del Rio, J., Nogueras, M. Traceable sea water temperature measurements performed by optical fibers. "Measurement", 1 Octubre 2018, vol. 127, p. 124-133. DOI: 10.1016/j.measurement.2018.05.056 https://futur.upc.edu/22958785	2018	Measurement	Q2	INSTRUMENTS & INSTRUMENTATION	2	SÍ	SARTI i SARTI-MAR
Gomez, G. [et al.]. Study of a ball-burnishing vibration-assisted process. "Proceedings of the Institution of Mechanical Engineers. Part B, journal of engineering", 01 Gener 2015, vol. 229, núm. 1, p. 172-177. DOI: 10.1177/0954405414526383. https://futur.upc.edu/14921317	2015	Proceedings of the Institution of Mechanical	Q3	ENGINEERING, MECHANICAL	7	SÍ	SARTI

SARTI i SARTI/MAR	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT	
		Engineers. Part B, journal of engineering					
Gonzalez-Rojas, Hernan A., Napoles, A., Sanchez Egea, A. J. Machinability estimation by drilling monitoring. "Dyna ingeniería e industria", 3 Juliol 2018, vol. 93, núm. 6, p. 663-667. DOI: 10.6036/8821. https://futur.upc.edu/23462798	2018	Dyna ingeniería e industria	Q4	ENGINEERING, MULTIDISCIPLINARY	0	SÍ	SARTI
Hameed, S., Gonzalez-Rojas, Hernan A., Perat, J., Napoles, A., Sánchez, A. Influence of the regime of electropulsing-assisted machining on the plastic deformation of the layer being cut. "Materials", 25 Maig 2018, vol. 11, núm. 6, p. 886-1 - 886-10. DOI: 10.3390/ma11060886. https://futur.upc.edu/22958077	2018	Materials	N/A	METALLURGY & METALLURGICAL ENGINEERING	6	SÍ	SARTI
Hameed, S., Gonzalez-Rojas, Hernan A., Sanchez Egea, Antonio J., Napoles, A. Electroplastic cutting influence on power consumption during drilling process. "International journal of advanced manufacturing technology", 12 Març 2016, vol. 87, núm. 5, p. 1835-1841. DOI: 10.1007/s00170-016-8562-z. https://futur.upc.edu/17659340	2016	International journal of advanced manufacturing technology	Q2	AUTOMATION & CONTROL SYSTEMS	14	SÍ	SARTI
Lantéri, Nadine [et al.]. The EGIM, modular though generic addresses the requirements of the EMSO platforms. A: 7th International Workshop on Marine Technology : MARTECH 2016. "Instrumentation viewpoint". Vilanova i la Geltrú: SARTI, 2016, p. 103. https://futur.upc.edu/19573390	2016	Instrumentation viewpoint	--	NO INDEXADA A JCR	--	SÍ	SARTI i SARTI-MAR
Llorens, A.; Prat, J.; Berbegal-Mirabent, J. ICT skills gap in Spain: before and after a decade of harmonizing the European Higher Education Area. "Computer applications in engineering education", 1 Juliol 2019, vol. 27, núm. 4, p. 934-942. DOI:10.1002/cae.22132. https://futur.upc.edu/25735212	2019	Computer applications in engineering education	Q4	ENGINEERING, MULTIDISCIPLINARY	0	SÍ	SARTI
Lumbiarres, R., Lopez, M., Cantó, E. A new countermeasure against side-channel attacks based on hardware-software co-design. "Microprocessors and microsystems", 1 Setembre 2016, vol. 45, núm. Part B, p. 324-338. DOI: 10.1016/j.micpro.2016.06.009 https://futur.upc.edu/19343322	2016	Microprocessors and microsystems	Q3	COMPUTER SCIENCE, THEORY & METHODS	2	SÍ	SARTI

SARTI i SARTI/MAR	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT	
Lumbiarres, R., Lopez, M., Cantó, E. Hardware architecture implemented on FPGA for protecting cryptographic keys against side-channel attacks. "IEEE transactions on dependable and secure computing", 19 Setembre 2016, vol. 15, núm. 5, p. 898-905. DOI: 10.1109/TDSC.2016.2610966 https://futur.upc.edu/19507458	2016	IEEE Transactions on Dependable and Secure Computing	Q1	COMPUTER SCIENCE, INFORMATION SYSTEMS	7	SÍ	SARTI
Marini, S. [et al.]. Automatic fish counting from underwater video images: performance estimation and evaluation. A: 7th International Workshop on Marine Technology : MARTECH 2016. "Instrumentation viewpoint". Vilanova i la Geltrú: SARTI, 2016, p. 55-57. https://futur.upc.edu/19565984	2016	Instrumentation viewpoint	--	NO INDEXADA A JCR	--	SÍ	SARTI i SARTI-MAR
Marini, S., Fanelli, E., Sbragaglia, V., Azurro, E., Del Rio, J., Aguzzi, J. Tracking fish abundance by underwater image recognition. "Scientific reports", 13 Setembre 2018, vol. 8, núm. Article number: 13748, p. 1-12. DOI: 10.1038/s41598-018-32089-8 https://futur.upc.edu/23339740	2018	Scientific reports	Q1	MULTIDISCIPLINARY SCIENCES	17	SÍ	SARTI i SARTI-MAR
Martínez Padró, E.; Mihai Toma, D.; Río Fernandez, J. D. Sensor web enablement implementations in marine observation platforms. A: 8th International Workshop on Marine Technology : MARTECH 2018. "Instrumentation Viewpoint". Vilanova i la Geltrú: SARTI, 2018, p. 48. https://futur.upc.edu/23629142	2018	Instrumentation viewpoint	--	NO INDEXADA A JCR	--	SÍ	SARTI i SARTI-MAR
Martínez Padró, Enoc [et al.]. SWE bridge: software interface for plug & work instrument integration into marine observation platforms. A: 7th International Workshop on Marine Technology : MARTECH 2016. "Instrumentation viewpoint". Vilanova i la Geltrú: SARTI, 2016, p. 92-93. https://futur.upc.edu/19571800	2016	Instrumentation viewpoint	--	NO INDEXADA A JCR	--	SÍ	SARTI i SARTI-MAR
Martinez, E., Toma, D.M., Jirka, S., Del Rio, J. Middleware for plug and play integration of heterogeneous sensor resources into the sensor web. "Sensors", 15 Desembre 2017, vol. 17, núm. 12. DOI: 10.3390/s17122923 https://futur.upc.edu/21712982	2017	Sensors	Q2	INSTRUMENTS & INSTRUMENTATION	9	SÍ	SARTI i SARTI-MAR
Martynenko, V. [et al.]. Surface damaging of brass and steel pins when sliding over nitrided samples cut by finishing and roughing EDM conditions. "Materials", 17 Juliol 2020, vol. 13, núm. 14, p. 3199:1-3199:10. DOI: 10.3390/ma13143199. https://futur.upc.edu/28913282	2020	Materials	Q1	METALLURGY & METALLURGICAL ENGINEERING	1	SÍ	SARTI

SARTI i SARTI/MAR	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT	
Masmitjà Rusiñol, I. [et al.]. Acoustic tag tracking: first experiments. A: 8th International Workshop on Marine Technology : MARTECH 2018. "Instrumentation Viewpoint". Vilanova i la Geltrú: SARTI, 2018, p. 28-29. https://futur.upc.edu/23556234	2018	Instrumentation viewpoint	--	NO INDEXADA A JCR	--	SÍ	SARTI i SARTI-MAR
Masmitjà Rusiñol, Ivan [et al.]. Firsts underwater potentiostat sea-tests in the OBSEA. A: 7th International Workshop on Marine Technology : MARTECH 2016. "Instrumentation viewpoint". Vilanova i la Geltrú: SARTI, 2016, p. 94-95. https://futur.upc.edu/19572521	2016	Instrumentation viewpoint	--	NO INDEXADA A JCR	--	SÍ	SARTI i SARTI-MAR
Masmitja, I. [et al.]. Acoustic tracking of Nephrops norvegicus by networked moored hydrophones in a deep-sea no-take reserve of the North Western Mediterranean Sea. "ICES SCIENTIFIC REPORTS", 1 Desembre 2020, vol. 3, núm. 36, p. 22-25. https://futur.upc.edu/30661531	2020	ICES Scientific Reports	--	NO INDEXADA A JCR	--	SÍ	SARTI i SARTI-MAR
Masmitja, I. [et al.]. Mobile robotic platforms for the acoustic tracking of deep-sea demersal fishery resources. "Science Robotics", 25 Novembre 2020, vol. 5, núm. 48, p. eabc3701:1-eabc3701:15. DOI: 10.1126/scirobotics.abc3701 https://futur.upc.edu/29884864	2020	Science Robotics	Q1	ROBOTICS	1	SÍ	SARTI i SARTI-MAR
Masmitja, I. [et al.]. Optimal path shape for range-only underwater target localization using a Wave Glider. "International journal of robotics research", 3 Octubre 2018, vol. 37, núm. 12, p. 1447-1462. DOI: 10.1177/0278364918802351 https://futur.upc.edu/23397909	2018	International journal of robotics research	Q1	ROBOTICS	2	SÍ	SARTI i SARTI-MAR
Masmitja, I. [et al.]. Power system of the Guanay II AUV. "ACTA IMEKO", 10 Febrer 2015, vol. 4, núm. 1, p. 35-43. DOI: 10.21014/acta_imeko.v4i1.161 https://futur.upc.edu/15517746	2015	Acta IMEKO	--	NO INDEXADA A JCR	1	SÍ	SARTI i SARTI-MAR
Masmitja, I. [et al.]. Range-only single-beacon tracking of underwater targets from an autonomous vehicle: from theory to practice. "IEEE access", 17 Juliol 2019, vol. 7, núm. 1, p. 86946-86963. DOI: 10.1109/ACCESS.2019.2924722 https://futur.upc.edu/25624294	2019	IEEE access	Q1	ENGINEERING, ELECTRICAL & ELECTRONIC	3	SÍ	SARTI i SARTI-MAR
Masmitja, I., Del Río, J., Gomariz, S., Olive, J. Boletin de automar: Grupo temático de automática y robótica para la industria marítima y las ciencias marinas del Comité Español de Automática. "Boletin de Automar", 31 Maig 2018, vol. 6, p. 1-2. https://futur.upc.edu/22961843	2018	Boletin de Automar	--	NO INDEXADA A JCR	--	SÍ	SARTI i SARTI-MAR

SARTI i SARTI/MAR	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT	
Masmitja, I., Gomariz, S., Del Rio, J., Kieft, B., O'Reilly, T.C. Range-only benthic rover localization off the central California coast. "Instrumentation viewpoint (electrònic)", 19 Octubre 2016, núm. 19, p. 86-87. https://futur.upc.edu/19309281	2016	Instrumentation viewpoint	--	NO INDEXADA A JCR	--	SÍ	SARTI i SARTI-MAR
Masmitja, I., González, J., Galarza, C., Gomariz, S., Aguzzi, J., Del Rio, J. New Vectorial Propulsion System and Trajectory Control Designs for Improved AUV Mission Autonomy. "Sensors", 17 Abril 2018, vol. 18, núm. 4, 1241, p. 1-26. DOI: 10.3390/s18041241 https://futur.upc.edu/22415527	2018	Sensors	Q1	INSTRUMENTS & INSTRUMENTATION	5	SÍ	SARTI i SARTI-MAR
Masmitja, I., González, J., Gomariz, S., Prat, J., Del Rio, J. Vilanova sea trials of Guanay II AUV. "Instrumentation viewpoint", 01 Setembre 2015, núm. 18, p. 26-27. https://futur.upc.edu/16943693	2015	Instrumentation viewpoint	--	NO INDEXADA A JCR	--	SÍ	SARTI i SARTI-MAR
Mellibovsky, F., Prat, J.; Prat-Farran,J.A. ; Prat, J.A., Notti, E., Sala, A. Otterboard hydrodynamic performance testing in flume tank and wind tunnel facilities. "Ocean engineering", 1 Febrer 2018, vol. 149, p. 238-244. DOI: 10.1016/j.oceaneng.2017.12.034 https://futur.upc.edu/21711115	2018	Ocean engineering	Q1	ENGINEERING, MARINE	3	SÍ	SARTI
Mellibovsky, F., Prat, J.; Prat-Farran,J.A. ; Prat, J.A., Notti, E., Sala, A. Testing otter board hydrodynamic performances in wind tunnel facilities. "Ocean engineering", 01 Agost 2015, vol. 104, p. 52-62. DOI: 10.1016/j.oceaneng.2015.04.064 https://futur.upc.edu/15735718	2015	Ocean engineering	Q1	ENGINEERING, MARINE	11	SÍ	SARTI
Moreno, M. Marcianos, selenitas, venusianos y otras especies. Alienígenas de cine (y II). "Making of: Cuadernos de cine y educación", 2019, núm. 146, p. 21-34. https://futur.upc.edu/26759309	2019	Making of: Cuadernos de cine y educación	--	NO INDEXADA A JCR	--	SÍ	SARTI i SARTI-MAR
Moure, D., Torres, P., Casas, B., Toma, D.M., Blanco, M., Del Rio, J., Manuel, A. Use of low-cost acquisition systems with an embedded linux device for volcanic monitoring. "Sensors", 19 Agost 2015, vol. 15, núm. 8, p. 20436-20462. DOI: 10.3390/s150820436 https://futur.upc.edu/16837643	2015	Sensors	Q1	INSTRUMENTS & INSTRUMENTATION	12	SÍ	SARTI i SARTI-MAR
Napoles, A. [et al.]. Model based on an effective material-removal rate to evaluate specific energy consumption in grinding. "Materials", 21 Març 2019, vol. 12, núm. 6, p. 939-1/939-12. DOI: 10.3390/ma12060939. https://futur.upc.edu/24016779	2019	Materials	N/A	METALLURGY & METALLURGICAL ENGINEERING	1	SÍ	SARTI

SARTI i SARTI/MAR	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT	
Pallares, O., Bouvet, P., Del Rio, J. Hybrid time synchronization for Underwater Sensor Networks. "ACTA IMEKO", 30 Setembre 2015, vol. 4, núm. 3, p. 30-35. DOI: 10.21014/acta_imeko.v4i3.254 https://futur.upc.edu/16944007	2015	Acta IMEKO	--	NO INDEXADA A JCR	2	SÍ	SARTI i SARTI-MAR
Pallares, O., Bouvet, Pierre-jean, Del Rio, J. TS-MUWSN: Time synchronization for mobile underwater sensor networks. "IEEE journal of oceanic engineering", 1 Octubre 2016, vol. 41, núm. 4, p. 763-775. DOI: 10.1109/JOE.2016.2581658 https://futur.upc.edu/19331405	2016	IEEE journal of oceanic engineering	Q1	ENGINEERING, OCEAN	14	SÍ	SARTI i SARTI-MAR
Pejuan, A.; Antonijuan, J. Independent learning as class preparation to foster student-centred learning in first-year engineering students. "Research in post-compulsory education", 8 Novembre 2019, vol. 24, núm. 4, p. 375-400. DOI: 10.1080/13596748.2019.1584447 https://futur.upc.edu/25965194	2019	Research in post-compulsory education	--	NO INDEXADA A JCR	0	SÍ	SARTI
Pujol-Vazquez, G., Acho, L., Mobayen, S., Napoles, A., Perez, V. Rotary inverted pendulum with magnetically external perturbations as a source of the pendulum's base navigation commands. "Journal of the Franklin Institute", Juliol 2018, vol. 355, núm. 10, p. 4077-4096. DOI: 10.1016/j.jfranklin.2018.03.013. https://futur.upc.edu/22315082	2018	Journal of the Franklin Institute	Q1	ENGINEERING, MULTIDISCIPLINARY	0	SÍ	SARTI
Repecho, V.; Biel, D.; Ramos, R. Fixed-switching frequency interleaved sliding mode eight-phase synchronous buck converter. "IEEE transactions on power electronics", 1 Gener 2018, vol. 33, núm. 1, p. 676-688. DOI: 10.1109/TPEL.2017.2662327 https://futur.upc.edu/21589876	2018	IEEE transactions on power electronics	Q1	ENGINEERING, ELECTRICAL & ELECTRONIC	12	SÍ	SARTI
Repecho, V.; Biel, D.; Ramos, R. Robust ZAD sliding mode control for an 8-phase step-down converter. "IEEE transactions on power electronics", 1 Febrer 2020, vol. 35, núm. 2, p. 2222-22232. DOI: 10.1109/TPEL.2019.2927229 https://futur.upc.edu/29199427	2020	IEEE transactions on power electronics	Q1	ENGINEERING, ELECTRICAL & ELECTRONIC	0	NO	SARTI
Roset, Xavier, Trullols, E., Artero, C., Prat, J.; Prat-Farran,J.A. ; Prat, J.A., Del Rio, J., Massana, I., Carbonell, M., Toma, D.M. Real-time seismic data from the bottom sea. "Sensors", 8 Abril 2018, vol. 18, núm. 4. DOI: 10.3390/s18041132 https://futur.upc.edu/22529674	2018	Sensors	Q1	INSTRUMENTS & INSTRUMENTATION	1	SÍ	SARTI i SARTI-MAR

SARTI i SARTI/MAR	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT	
Rotllant, G. [et al.]. Pilot acoustic tracking study on adult spiny lobsters (Palinurus mauritanicus) and spider crabs (Maja squinado) within an artificial reef. "Hydrobiología", Gener 2015, vol. 737, p. 1-12. DOI: 10.1007/s10750-014-1959-5 https://futur.upc.edu/15013175	2015	Hydrobiología	Q2	MARINE & FRESHWATER BIOLOGY	0	SÍ	SARTI i SARTI-MAR
Rountree, R. [et al.]. Towards an optimal design for ecosystem-level ocean observatories. "Oceanography and marine biology", 4 Novembre 2019, vol. 58, p. 79-106. https://futur.upc.edu/26984302	2019	Oceanography and marine biology	Q1	OCEANOGRAPHY	2	SÍ	SARTI i SARTI-MAR
Sarria, D., Sbragaglia, V., Gomariz, S., Garcia, J., Artero, C., Aguzzi, J., Sardà, F., Manuel, A. Light and current generation system for measuring the behaviour of the Norway lobster. "Measurement", 01 Juny 2015, p. 180-188. DOI: 10.1016/j.measurement.2015.03.002 https://futur.upc.edu/15574437	2015	Measurement	Q2	INSTRUMENTS & INSTRUMENTATION	0	SÍ	SARTI i SARTI-MAR
Sbragaglia, V. [et al.]. Annual rhythms of temporal niche partitioning in the Sparidae family are correlated to different environmental variables. "Scientific reports", 8 Febrer 2019, núm. 9, p. 1708-1-1708-11. DOI: 10.1038/s41598-018-37954-0 https://futur.upc.edu/23932860	2019	Scientific reports	Q1	MULTIDISCIPLINARY SCIENCES	3	SÍ	SARTI i SARTI-MAR
Suñol, J. J. [et al.]. Geometric figures and mobile technology for numerical relations as a way to teach and learn in the XXI century. "Revista del Congrés Internacional de Docència Universitària i Innovació (CIDUI)", 2018. https://futur.upc.edu/23845984	2018	Revista del Congrés Internacional de Docència Universitària i Innovació (CIDUI)	--	NO INDEXADA A JCR	--	SÍ	SARTI
Suñol, J. J. [et al.]. La docència de la física: cap a un paradigma amb tecnologia mòbil. "Revista del Congrés Internacional de Docència Universitària i Innovació (CIDUI)", 2018, núm. 4, p. 1-13. https://futur.upc.edu/23845897	2018	Revista del Congrés Internacional de Docència Universitària i Innovació (CIDUI)	--	NO INDEXADA A JCR	--	SÍ	SARTI

SARTI i SARTI/MAR	ANY	REVISTA	QUARTIL	CATEGORIA	CITES (NO AUTOCITES)	ACCÉS OBERT	
Toma, D.M. [et al.]. Study on heat dissipation and cooling optimization of the junction box of OBSEA seafloor observatory. "IEEE-ASME transactions on mechatronics", 19 Maig 2015, vol. 20, núm. 3, p. 1301-1309. DOI: 10.1109/TMECH.2014.2336791 https://futur.upc.edu/15847491	2015	IEEE-ASME transactions on mechatronics	Q1	AUTOMATION & CONTROL SYSTEMS	5	SÍ	SARTI i SARTI-MAR
Toma, D.M., Masmitja, I., Del Rio, J., Martinez, E., Artero, C., Casale, A., Figoli, A., Pinzani, D., Cervantes, P., Ruiz, P., Memè, S., Delory, E. Smart Embedded Passive Acoustic Devices for Real-Time Hydroacoustic Surveys. "Measurement", 8 Maig 2018, vol. 125, p. 592-605. DOI: 10.1016/j.measurement.2018.05.030 https://futur.upc.edu/22529143	2018	Measurement	Q2	INSTRUMENTS & INSTRUMENTATION	2	SÍ	SARTI i SARTI-MAR
Toma, D.M., Zielinski, O. Sensor systems for a changing ocean. "IEEE journal of oceanic engineering", 11 Octubre 2016, vol. 41, núm. 4, p. 743. DOI: 10.1109/JOE.2016.2610239 https://futur.upc.edu/19636610	2016	IEEE journal of oceanic engineering	Q1	ENGINEERING, OCEAN	0	SÍ	SARTI i SARTI-MAR
Toma, Daniel [et al.]. Near real time seismic data from the coastal ocean. A: 7th International Workshop on Marine Technology : MARTECH 2016. "Instrumentation viewpoint". Vilanova i la Geltrú: SARTI, 2016, p. 74. https://futur.upc.edu/19567670	2016	Instrumentation viewpoint	--	NO INDEXADA A JCR	--	SÍ	SARTI i SARTI-MAR

Tornar al sumari

2- Projectes realitzats per grups de recerca

AMPC				
Projectes R+D+I competitius	Codi entitat finançadora	Data d'inici	Data de fi	Finançament
Recuperando las Tecnologías Perdidas: impacto en la Historia y en la conservación del vidrio, la cerámica vidriada y la pintura.	PID2019-105823RB-I00	2020-06-01	2023-05-31	ADM. ESTAT
Transicions de fase, polimorfisme, vidres i dinàmica de la metastabilitat	2017 SGR 42	2017-01-01	2021-09-30	ADM. GENERALITAT
Tecnologia inversa de vidriados, esmaltes y capas pictóricas para la recuperación del Patrimonio Histórico-Artístico	MAT2016-77753-R	2016-12-30	2020-12-29	ADM. ESTAT
Análisis de capas pictóricas y decoraciones en vidrios y vidriados histórico-artísticos: tecnología, color, estabilidad y conservación	MAT2013-41127-R	2014-01-01	2017-12-31	ADM. ESTAT
Transicions de fase, polimorfisme i dinàmica de la metastabilitat	2014 SGR 581	2014-01-01	2017-04-30	ADM. GENERALITAT
Projectes R+D+I NO competitius		Data d'inici	Data de fi	Finançament
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Tornar al sumari

CETpD				
Projectes R+D+I competitius	Codi entitat finançadora	Data d'inici	Data de fi	Finançament
Self Regulation for Advanced Parkinson Therapies.	EIN2020-112391	2020-11-01	2022-10-31	ADM. ESTAT
Xarxa R+D+I en Tecnologies de la Salut (XarTEC SALUT)	2018 XARDI 00016 / IU68-013944	2020-08-15	2022-12-31	ADM. GENERALITAT
Xarxa Fourth Industrial Revolution	2018 XARDI 00015 / IU68-013223	2020-07-01	2022-12-31	ADM. GENERALITAT
Monitorizacion mEdiante Sensores vestibles de UsuaRios de Andador Robotizado con problemas de movilidad	RTI2018-096701-B-C22	2019-01-01	2021-12-31	ADM. ESTAT
001-P-001643_Agrupació emergent Looming Factory	IU16-011733 CETpD Robots	2019-01-01	2021-12-31	ADM. GENERALITAT
001-P-001643_ Agrupació emergent Looming Factory	IU16-011733 CETPD Smart	2019-01-01	2021-12-31	ADM. GENERALITAT
Acció territorial:/'Estratègia de prevenció de caigudes a la comarca del Garraf	PECT ENVELLIMENT ACTIU I SALUDABLE I DEP	2018-01-01	2021-12-31	ADM. GENERALITAT
The MinD European project: The development of a mindful design to improve self-empowerment and social engagement in people with dementia and social engagement	H2020-691001-MinD	2016-03-01	2020-02-29	EUROPEU
Casper, cognitive assistive social pet robots for hospitalized children	2014 LLAV 00033	2015-05-12	2016-02-11	ADM. GENERALITAT
Projectes R+D+I NO competitius		Data d'inici	Data de fi	Finançament

Acció territorial:/'Estratègia de prevenció de caigudes a la comarca del Garraf		2018-01-01	2020-12-31	CONSELL COMARCAL DEL GARRAF

CRAAX				
Projectes R+D+I competitius	Codi entitat finançadora	Data d'inici	Data de fi	Finançament
Gestión de una arquitectura jerárquica Fog-to-cloud para escenarios IoT: Compartición de recursos	RTI2018-094532-B-I00	2019-01-01	2021-12-31	ADM. ESTAT
Towards an Open, Secure, Decentralized and Coordinated Fog-to-Cloud Management Ecosystem	H2020-730929-mF2C	2017-01-01	2019-12-31	EUROPEU
Enhancing critical infraestructure protection with innovative security framework	H2020-700378-CIPSEC	2016-05-01	2019-04-30	EUROPEU
Gestión de una arquitectura cloud jerárquica para escenarios IoT: Fogging cloud	TEC2015-66220-R	2016-01-01	2018-12-31	ADM. ESTAT
Tecnicas de optimizacion en teoria de grafos, grupos y combinatoria. aplicaciones a redes, algoritmos y protocolos de comunicacion.	MTM2014-60127-P	2015-01-01	2017-12-31	ADM. ESTAT
FOOXY - COLLIDER 2019	FOOXY - COLLIDER 2019	2019-11-13	2020-12-31	ALTRES
Gestión de una arquitectura cloud jerárquica para escenarios IoT: Fogging cloud	TEC2015-66220-R	2016-01-01	2018-12-31	ADM. ESTAT
Tecnicas de optimizacion en teoria de grafos, grupos y combinatoria. aplicaciones a redes, algoritmos y protocolos de comunicacion	MTM2014-60127-P	2015-01-01	2017-12-31	ADM. ESTAT
Projectes R+D+I NO competitius		Data d'inici	Data de fi	Finançament

CDAL				
Projectes R+D+I competitius	Codi entitat finançadora	Data d'inici	Data de fi	Finançament
Desarrollo de nuevos procesos de manufactura aditiva para la producción de piezas metálicas	RTI2018-097885-B-C31	2019-01-01	2021-12-31	ADM. ESTAT
001-P-001646_BASE 3D	IU16-011591 CDAL	2019-01-01	2021-12-31	ADM. GENERALITAT
Projectes R+D+I NO competitius		Data d'inici	Data de fi	Finançament
Disseny d'un prototip de procés productiu basat en tecnologia SLM		2016-11-20	2017-05-20	FUNDACIO C INNOVACIO I TEC CIT UPC

GAECE				
Projectes R+D+I competitius	Codi entitat finançadora	Data d'inici	Data de fi	Finançament
ACCIONAMIENTO CON MOTOR HIBRIDO DE RELUCTANCIA DE ENTREHIERRO AXIAL UBICADO EN EL INTERIOR DE LA RUEDA PARA ESCÚTER ELÉCTRICO	DPI2014-57086-R	2015-01-01	2018-12-31	ADM. ESTAT
Desarrollo y Construcción de una herramienta de bruñido con bola, asistido por una vibración de alta frecuencia	BES-2012-056760	2012-12-01	2016-11-30	ADM. ESTAT

Projectes R+D+I NO competitius		Data d'inici	Data de fi	Finançament
Definició, assaigs i validació d'accionaments elèctrics amb motors de rotor		2016-04-01	2017-09-01	Privat
Convertidor de potencia para poner en marcha un motor híbrido de reluctancia auto conmutado denominado 1C13		2016-09-26	2017-12-31	Privat

LAB				
Projectes R+D+I competitius	Codi entitat finançadora	Data d'inici	Data de fi	Finançament
Solutions @ Underwater Radiated Noise Projecte europeu Call H2020-MG-2020-SingleStage-INEA	H2020-101006443-SATURN	2021-02-01	2025-01-31	EUROPEU
Hydraulic Collector for Polymetallic Nodules from the Deepsea	KIC RM BLUE HARVESTING-PA 18138	2019-04-01	2022-06-30	EUROPEU
Joint Framework for Ocean Noise in the Atlantic Seas	INTERREG-EAPA_52/2018-JONAS	2019-03-01	2022-09-24	EUROPEU
Achieve Good Environmental Status for Coastal Infrastructures Construction - AGESCIC	LIFE17 ENV/FR/000233 AGESCIC	2018-09-01	2021-09-30	EUROPEU
Breakthrough solutions for the sustainable harvesting and processing of deep sea polymetallic nodules	H2020-688975-Blue Nodules	2016-02-01	2020-07-31	EUROPEU
001-P-001646_BASE 3D	IU16-011591 CDAL	2019-01-01	2021-12-31	ADM. GENERALITAT

Desarrollo de nuevos procesos de manufactura aditiva para la producción de piezas metálicas	RTI2018-097885-B-C 31	2019-01-01	2021-12-31	Adm. Estat
Achieve Good Environmental Status for Coastal Infrastructures Construction - AGESCIC	LIFE17 ENV/FR/000233 AGESCIC	2018-09-01	2021-09-30	EUROPEU
Projectes R+D+I NO competitius		Data d'inici	Data de fi	Finançament
Monitorització de la biodiversitat, mitjançant la creació i la instal·lació d'una xarxa sense fils de sensors distribuïts per tot l'Amazones		2020-01-01	2021-06-30	Privat

SEPIC / PECS				
Projectes R+D+I competitius	Codi entitat finançadora	Data d'inici	Data de fi	Finançament
Gestión eficiente de la energia en microrrdes industriales con alta penetración de teconología PV	PCIN-2015-001	2015-09-01	2018-08-31	ADM. ESTAT
Gestión y control de microrredes de corriente alterna e interconexión con buses de continua en microrredes híbridas	ENE2015-64087-C2-1-R	2016-01-01	2019-06-30	ADM. ESTAT
Gestión y control de microrredes con vehículos eléctricos y baterías de respaldo	RTI2018-100732-B-C22	2019-01-01	2022-09-30	ADM. ESTAT

Tornar al sumari

SARTI o SARTI-MAR					
Projectes R+D+I competitius	Codi entitat finançadora	Data d'inici	Data de fi	Finançament	Grup
Accelerating the transition towards Edu 4.0 in HEIs	2020-1-HR01-KA203-077777	2020-11-02	2023-05-01	EUROPEU	SARTI
Contribucions a l'optimització de sistemes de Test i Caracterització de drivers electrònics per díodes làser	2015 DI 004	2015-10-01	2019-03-31	ADM. GENERALITAT	SARTI i SARTI-MAR
Criptosistemas biométricos para tecnologías post-quantum	PID2019-107274RB-I00	2020-06-01	2024-05-31	ADM. ESTAT	SARTI
EMSO implementation and operation: development of instrument module	H2020-676555-EMSODEV	2015-09-01	2019-08-31	EUROPEU	SARTI i SARTI-MAR
ENVironmental Research Infrastructures building Fair services Accessible for society, Innovation and Research	H2020-824068-ENVRI-FAIR	2019-01-01	2022-12-31	EUROPEU	SARTI i SARTI-MAR
European multidisciplinary seafloor and water column-European research infrastructure consortium	H2020-731036 — EMSO-Link	2017-03-01	2020-08-31	EUROPEU	SARTI i SARTI-MAR
INNOLOG - Innovative Geological Logging Tools for Mineral Exploration	KIC RM INNOLOG	2017-01-01	2020-12-31	EUROPEU	SARTI i SARTI-MAR

SARTI o SARTI-MAR					
Instrumentación y tecnologías aplicadas al estudio, caracterización y explotación sostenible del medio marino	CTM2015-68804-REDT	2015-12-01	2017-11-30	ADM. ESTAT	SARTI i SARTI-MAR
Joint European Research Infrastrcture network for Coastal Observatory - Novel European eXpertise for coastal observaTories	H2020-654410-JERICO-NEXT	2015-09-01	2019-09-30	EUROPEU	SARTI i SARTI-MAR
Joint European Research Infrastructure of Coastal Observatories: Science, Service, Sustainability	H2020-871153-JERICO-S3	2020-02-01	2024-01-31	EUROPEU	SARTI i SARTI-MAR
Metrology for Integrated Marine Management and Knowledge-Transfer Network	H2020-101008724-MINKE	2021-04-01	2025-03-31	EUROPEU	SARTI i SARTI-MAR
Multi-purpose/Multi-sensor Extra Light Oceanography Apparatus	H2020-776825-MELOA	2017-12-01	2022-02-28	EUROPEU	SARTI i SARTI-MAR
Osciladores fluídicos: nuevas perspectivas y aplicación al control activo de flujo	FIS2016-77849-R	2016-12-30	2021-06-29	ADM. ESTAT	SARTI
Osciladores fluídicos: nuevas perspectivas y aplicación al control activo de flujo	FIS2016-77849-R	2020-02-01	2021-06-29	EUROPEU	SARTI
Procesador vectorial para sistemas de identificación a gran escala y sistemas basados en wearables	TEC2015-68784-R	2020-06-01	2020-12-31	ADM. ESTAT	SARTI
Projecte d'Especialització i Competitivitat Territorial (PECT) Litoral Besòs Territori Sostenible. Operació Recerca per la sostenibilitat. Actuació Sensòrica. Monitorització de la qualitat de l'aigua del riu Besòs	PECT LITORAL BESÒS TERRITORI SOSTENIBLE	2017-07-01	2021-12-31	ADM. GENERALITAT	SARTI i SARTI-MAR

SARTI o SARTI-MAR					
Projecte d'Especialització i Competitivitat Territorial (PECT) Litoral Besòs Territori Sostenible. Operació Recerca per la sostenibilitat. Actuació Sensòrica. Monitorització de la qualitat de l'aigua del riu Besòs	001-P-000804	2017-09-01	2020-12-31	ADM. ESTAT	SARTI i SARTI-MAR
Redes de sensores submarinos autónomos y cableados aplicados a la monitorización remota de indicadores biológicos	TEC2017-87861-R	2018-01-01	2021-12-31	ADM. ESTAT	SARTI i SARTI-MAR
Sistemas acústicos submarinos para la monitorización del comportamiento espacial de especies	RTI2018-095112-B-I00	2019-01-01	2022-09-30	ADM. ESTAT	SARTI
Sistemes d'Adquisició Remota de dades i Tractament de la Informació en el Medi Marí (SARTI - MAR)	2017 SGR 371	2017-01-01	2021-09-30	ADM. GENERALITAT	SARTI i SARTI-MAR
Projectes R+D+I NO competitius		Data d'inici	Data de fi	Finançament	
Actividades especializadas de formación relacionadas con la instrumentación virtual.		2016-11-01	2018-10-31	Privat	SARTI i SARTI-MAR
Ampliación del alcance acreditado bajo ISO 17025 en el campo dimensional del Laboratorio de Metrología y Calibración		2016-09-22	2019-09-21	Privat	SARTI
Aplicaciones Labview para evaluar las prestaciones climáticas de unas unidades de metro y calibración de sensores		2018-06-07	2020-06-30	Privat	SARTI i SARTI-MAR
Boia Dinàmica Monitoritzada: Boies de senyalització costera amb tecnologia IoT		2020-03-24	2020-09-30	Privat	SARTI i SARTI-MAR
Calibración de los equipos del área de aseguramiento de la calidad		2017-01-01	2018-12-31	Privat	SARTI

SARTI o SARTI-MAR					
Calibraciones de equipos en el àrea dimensional bajo normas internas de la empresa y puesta a punto de equipos		2018-01-01	2018-12-31	Privat	SARTI
Calibraciones de equipos en el àrea dimensional bajo normas internas de la empresa y puesta a punto de equipos		2017-01-01	2018-12-31	Privat	SARTI
Calibratge dels equips en l'àmbit dimensional		2019-01-01	2021-12-31	Privat	SARTI
Curs de formació a mida en programació de sistemes d'instrumentació i Modbus amb Labview		2018-06-07	2020-06-30	Privat	SARTI i SARTI-MAR
Desarrollo de un sistema de enrutamiento de datos para sensores marinos y oceanográficos		2017-08-03	2018-12-31	Privat	SARTI i SARTI-MAR
Desenvolupament de projectes i serveis pel manteniment del registre de Vinyes del Consell Regulador del Cava (CRC)		2016-06-07	2020-12-31	Privat	SARTI i SARTI-MAR
Desenvolupament de sistemes de instrumentació i test per a la calibració dels sistemes d'adquisició utilitzats en els assajos de les unitats de tren.		2016-11-09	2017-11-08	Privat	SARTI i SARTI-MAR
Desenvolupament de sistemes de instrumentació i test per al control de qualitat dels productes		2016-04-13	2017-04-14	Privat	SARTI i SARTI-MAR
Diseño, optimización y validación de impresión de piezas 3D.		2019-01-01	2019-09-30	Privat	SARTI i SARTI-MAR

SARTI o SARTI-MAR					
Disseny i fabricació de sensors i automatització de sistemes per al test i caracterització de motors electrònics.		2016-04-13	2017-04-14	Privat	SARTI i SARTI-MAR
Experiències pilot per realitzar tracking de bobines de cable carregades en camions		2019-12-18	2019-12-31	Privat	SARTI i SARTI-MAR
Formación especializada sobre el uso y explotación de los equipos e instrumentos de National Instruments.		2019-01-01	2019-07-31	Privat	SARTI i SARTI-MAR
Improvement of data management, interoperability and data access infrastructure of a European Marine Observation and Data network		2017-05-16	2021-12-31	Privat	SARTI i SARTI-MAR
IP-Buoy link: Prova de concepte per la implementacio´ del control de les boies d'amarre amb tecnologia IoT		2020-03-24	2020-09-30	Privat	SARTI i SARTI-MAR
Manteniment d'aplicacions informàtiques, gestió de servidors, pàgines web i serveis de hosting		2017-01-01	2018-12-31	Privat	SARTI i SARTI-MAR
Mantenimiento, calibración y ampliación de las aplicaciones embarcadas de adquisición de datos.		2018-02-14	2018-09-30	Privat	SARTI i SARTI-MAR
Millores en l'aplicació QUALIFO de PRYSMIAN, desenvolupada per SARTI		2016-02-02	2016-09-30	Privat	SARTI i SARTI-MAR

SARTI o SARTI-MAR					
Sistema d'adquisició remot de dades per la mesura, visualització i gestió del consum d'aigua i temperatura del sector porcí		2017-07-11	2018-03-11	Privat	SARTI i SARTI-MAR
SmartLaser: Tecnologia IoT aplicada als capçals làsers		2020-03-24	2020-09-30	Privat	SARTI i SARTI-MAR
Support Activities for A1 Hydrophone		2019-10-02	2019-12-31	Privat	SARTI i SARTI-MAR
The main objective is to give support during the entire project live until October 2020, in the creation of a web-based SensorML generator, allowing users to create their own SensorMLs, describing in		2019-05-20	2020-10-31	Privat	SARTI i SARTI-MAR

Tornar al sumari

3- Tesis dirigides per grups de recerca

AMPC

Beltran Sanchidrian, V. Vibrational spectroscopies study of Pinus resin in materials from cultural heritage objects. Tesi doctoral, UPC, Departament d'Enginyeria Química, 2016. Disponible a: <http://hdl.handle.net/2117/105826>

Clemente Martínez, MDC. L'art de les colradures sobre or i plata del conjunt rataulístic barroc de la Catedral de Tortosa. Estudi dels materials, les tècniques i l'estat de conservació. 2015. [Tesis doctoral no publicada]. Universitat Politècnica de València. https://doi.org/10.4995/Thesis/10251/59410. Disponible a: <http://hdl.handle.net/10251/59410>

CETpD

Njeri Mwangi, Eunice. Gaze - Based Interaction for Effective Tutoring with Social Robots. Tesi doctoral, Technische Universiteit Eindhoven, Department of Industrial Design, 2020. Disponible a: <https://pure.tue.nl/ws/portalfiles/portal/163400700/20201028_Mwangi_cv.pdf>

Tadesse, G.A. Human activity recognition using a wearable camera. Tesi doctoral, UPC, Departament d'Enginyeria de Sistemes, Automàtica i Informàtica Industrial, 2018. Disponible a: <http://hdl.handle.net/2117/183886>

Ivonin, L.I. Digitizing arquetypal human expereience through physiological signals. Tesi doctoral, UPC, Departament d'Enginyeria de Sistemes, Automàtica i Informàtica Industrial, 2014. Disponible a: <http://hdl.handle.net/2117/183887>

Perugia, G. ENGAGE-DEM : a model of engagement of people with dementia. Tesi doctoral, UPC, Escola Politècnica Superior d'Enginyeria de Vilanova i la Geltrú, 2018. Disponible a: <http://hdl.handle.net/2117/168870>

Paillacho Chiluiza, D.F. Designing a robot to evaluate group formations. Tesi doctoral, UPC, Departament d'Enginyeria de Sistemes, Automàtica i Informàtica Industrial, 2019. Disponible a: <http://hdl.handle.net/2117/134749>

Chang, H.-M. Emotions in archetypal media content. Tesi doctoral, UPC, Departament d'Organització d'Empreses, 2014. ISBN 978-90-386-3663-4. Disponible a: <http://hdl.handle.net/2117/183885>

Bano, S. Identification, synchronisation and composition of user-generated videos. Tesi doctoral, UPC, Departament d'Enginyeria de Sistemes, Automàtica i Informàtica Industrial, 2016. Disponible a: <http://hdl.handle.net/2117/96124>

CRAAX

Sinaeepourfard, A. Hierarchical Distributed Fog-to-Cloud Data Management in Smart Cities. Tesi doctoral, UPC, Departament d'Arquitectura de Computadors, 2017. Disponible a: <http://hdl.handle.net/2117/114435>

Sengupta, S. Adaptive learning-based resource management strategy in fog-to-cloud. Tesis doctoral, UPC, Departament d'Arquitectura de Computadors, 2020. Disponible a: <http://hdl.handle.net/2117/330737>

Rejiba, Z. Mobility-aware mechanisms for fog node discovery and selection. Tesi doctural, UPC, Departament d'Arquitectura de Computadors, 2020. Disponible a: <http://hdl.handle.net/2117/330386>

Kahvazadeh, S. Security architecture for Fog-To-Cloud continuum system. Tesi doctural, UPC, Departament d'Arquitectura de Computadors, 2019. Disponible a: <http://hdl.handle.net/2117/173279>

Barbosa, V. Mechanisms for Service-oriented Resource Allocation in IoT. Tesi doctural, UPC, Departament d'Arquitectura de Computadors, 2018. Disponible a: <http://hdl.handle.net/2117/113988>

Martinez, A.An Ontology-Based Approach Toward the Configuration of Heterogeneous Network Devices. Tesi doctoral, UPC, 2015. Disponible a: <http://hdl.handle.net/2117/95714>

Meza Hormaza, Jaime Alcides. Modelo de educación de la inteligencia colectiva. Tesi doctoral, UPC, Departament d'Enginyeria Gràfica i de Disseny, 2017. Disponible a: <http://hdl.handle.net/2117/110441>

CDAL

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Punset, M. Desarrollo y optimización e recubrimientos HVOF base WC-CoCr para aplicaciones aeronáuticas. Tesi doctoral, UPC, Departament de Ciència i Enginyeria de Materials, 2018. Disponible a: <http://hdl.handle.net/2117/119094>

Akbarzadeh, Ebrahim. Characterization of aluminum silicon/short carbon fiber composites fabricated by novel thixomixing method. Tesi doctoral, UPC, Departament de Ciència i Enginyeria de Materials, 2016. Disponible a: <http://hdl.handle.net/2117/105572>

GAECE

Sánchez López, J.A. Aportaciones al análisis de faltas y técnicas de diagnostico en los accionamientos de reluctancia autoconmutados. Tesi doctoral, UPC, Departament d'Enginyeria Elèctrica, 2018. Disponible a: <http://hdl.handle.net/2117/121191>

Florez García, L.C. Estudio del mecanizado asistido por vibración. Tesi doctoral, UPC, Departament d'Enginyeria Mecànica, 2020. Disponible a: <http://hdl.handle.net/2117/328950>

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Hameed, S. Electroplastic cutting influence in machining processes. Tesi doctoral, UPC, Departament d'Enginyeria Mecànica, 2017. Disponible a: <http://hdl.handle.net/2117/113287>

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LAB

Solsona, A. Advancement of Methods for Passive Acoustic Monitoring: A Framework for the Study of Deep-Diving Cetacean. Tesi doctoral, UPC, Departament d'Enginyeria Civil i Ambiental, 2019. Disponible a: <http://hdl.handle.net/2117/129269>

SEPIC / PECS

Camacho, A. Estrategias de control para sistemas de generación distribuida durante huecos de tensión. Tesi doctural, UPC, Departament d'Enginyeria Electrònica, 2015. Disponible a:<http://hdl.handle.net/2117/96105>

Momeneh, A. Inductive contactless energy transfer systems for residential areas. Tesi doctoral, UPC, Departament d'Enginyeria Electrònica, 2016. Disponible a: <http://hdl.handle.net/2117/115366>

Mohammad, G. Dynamic modelling and control schemes for current-source resonant converters. Tesi doctoral, UPC, Departament d'Enginyeria Electrònica, 2018. Disponible a: <http://hdl.handle.net/2117/116301>

Rey, J. Modeling, control and design of AC microgrids in islanded mode. Tesi doctoral, UPC, Departament d'Enginyeria Electrònica, 2019. Disponible a: <http://hdl.handle.net/2117/166959>

Barrenechea, R. Planificación óptima de redes eléctricas en baja y media tensión y microrredes eléctricas inteligentes mediante algoritmos linealizados de optimización multicriterio. Tesi doctoral, UPC, Departament d'Enginyeria Electrònica, 2019. Disponible a: <http://hdl.handle.net/2117/127501>

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Garnica, M. Control of Grid-Connected Three-Phase Three-Wire Voltage-Sourced Inverters Under Voltage Disturbances. Tesi doctoral, UPC, Departament d'Enginyeria Electrònica, 2019. Disponible a: <http://hdl.handle.net/2117/127503>

SARTI o SARTI-MAR

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Pallarés Valls, O. Time synchronization in underwater acoustic sensor networks. Tesi doctoral, UPC, Departament d'Enginyeria Electrònica, 2016. Disponible a: <http://hdl.handle.net/2117/105563>

Moure García, D. Array sísmico inalámbrico y de parámetros ambientales para la caracterización de precursores de actividad volcánica. Tesi doctoral, UPC, Departament d'Enginyeria Electrònica, 2017. Disponible a: <http://hdl.handle.net/2117/110443>

Lumbiarres López, R. Generación de falsas claves criptográficas como medida de protección frente a ataques por canal lateral. Tesi doctoral, UPC, Departament d'Enginyeria Electrònica, 2015. Disponible a: <http://hdl.handle.net/2117/95823>

Tornar al sumari

4- Patents per grups de recerca

CRAAX

TÍTOL	Número de sol·licitud	Data de sol·licitud	Número de patent	País	Entitat titular
Method and system for determining the amount of oxyden required by a user with respiratory problems	EP20382872.8	2020-10-01	--	ESPANYA	Universitat Politècnica de Catalunya

GAECE

TÍTOL	Número de sol·licitud	Data de sol·licitud	Número de patent	País	Entitat titular
An axial flux switched reluctance machine and an electric vehicle comprising the machine	P201631377	2016-10-26Número de patentPCT/EP2017/076976PaísEspanyaEntitat titularUniversitat Politècnica de Catalunya	PCT/EP 2017/07 6976	Espanya	Universitat Politècnica de Catalunya
Método y sistema de fabricación mediante mecanizado por arranque de virutas asistido con corriente eléctrica	P201730414	2017-03-24	--	Espanya	Universitat Politècnica de Catalunya

LAB

TÍTOL	Número de sol·licitud	Data de sol·licitud	Número de patent	País	Entitat titular
SYSTEM AND METHOD FOR REDUCING SEA LICE EXPOSURE IN MARINE FISH FARMING	PCT/EP2019/073395	2019-09-03	WO/2020/048945	Noruega	LAB - Laboratori d'Aplicacions Bioacústiques
A method for inducing lethal lesions in sensory organs of undesirable aquatic organisms by the use of sound	PCT/EP2018/056142	2017-03-14	WO/2018/167003	Noruega	LAB - Laboratori d'Aplicacions Bioacústiques

SARTI

TÍTOL	Número de sol·licitud	Data de sol·licitud	Número de patent	País	Entitat titular
Automated tightener for a wet mateable connection assembly	PCT/IB2013/052401	2015-10-30	13725478.5 - 1503	Alemanya	Prysmian Cables y Sistemas, SL

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5- Persones membres dels grups de recerca del Campus UPC Vilanova

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AMPC	**Butí Papiol, Salvador** Pradell Cara, Trinitat Salvadó Cabre, Nativitat
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CRAAX	Aguilo Gost, Francisco de Asis Luis Alonso Beltran, Albert (Extern a la UPC) Bigorra Llosas, Joan (Extern a la UPC) Garcia Almiñana, Jordi Gomez Cardenas, Alejandro Kahvazadeh, Sarang Marín Tordera, Eva **Masip Bruin, Javier** Mcintosh, Jennifer (Extern a la UPC)

	Ramirez Almonte, Wilson Rodríguez Omedes, Ferran (Extern a la UPC) Sanchez Lopez, Sergio Simó Mezquita, Ester Vendrell Soler, Elisenda (Extern a la UPC) Zaragoza Monroig, Maria Luisa
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GAECE	Andrada Gascon, Pedro Blanqué Molina, Balduino González Rojas, Hernán Alberto Martinez Piera, Eusebio **Perat Benavides, Jose Ignacio** Sanchez Lopez, Jose Antonio Torrent Burgues, Marcel
INSIDE	Aris Sánchez, Ruth (Externa a la UPC) Farrerons Vidal, Oscar Gomez Urgelles, Joan Vicenç Ibañez Garcia, Jose Maria Lapaz Castillo, Jose Luis Lopez Martinez, Antonio Miguel Lopez Membrilla, Manuel **Soler Ruiz, Juan** Villasevil Marco, Francisco Javier (Sènior UPC)
LAB	Andre Sanchez, Michel Castell Balaguer, Joan Vicent Degollada Bastos, Eduard (Extern a la UPC)

	Prieto Gonzalez, Rocio Sole Carbonell, Marta van der Schaar, Mike Connor Roger Malcolm Vilà Martí, Frederic
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	Vidal Oliveras, Neus
SARTI-MAR	Carandell Widmer, Matias **Del Río Fernández, Joaquín** Gomariz Castro, Spartacus Martinez Padro, Enoc Masmitja Rusiñol, Ivan Nogueras Cervera, Marc Sarriá Gandul, David
SEPIC o PECS	Camacho Santiago, Antonio Castilla Fernandez, Miguel Cruz Vaquer, Juan de la Hoz Casas, Jordi Font Mateu, Josep Garcia de Vicuña Muñoz de la Nava, Jose Luis Guzman Sola, Ramon Martin Cañadas, Maria Elena Matas Alcala, Jose Miret Tomas, Jaume

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No ubicats a Campus UPC Vilanova	
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ACES (ETSEIB)	Batlle Arnau, Carles
STH (EEBE)	Hernandez Gomez, Maria de los Ángeles Segalàs Coral, Jordi Tejedor Papell, Gemma
TECNOFAB (ETSEIB)	Sivatte Adroer, Maurici Napoles Alberro, Amelia Emelina
TN (FME)	Fernández González, Julio Gonzalez Rovira, Josep Guardia Rubies, Jordi
WNG (Campus Nord)	Vidal Ferre, Rafael
BAMPLA (Castelldefels)	Guasch Murillo, Daniel

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