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Mapa de la recerca del Campus de Vilanova i la Geltrú



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Vilanova i la Geltrú
24/07/2015

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1. Definició i objectius

El mapa de la recerca del Campus de Vilanova és un recurs destinat a aprofundir en el coneixement del comportament de les activitats de recerca de la comunitat universitària. Aquesta eina pretén facilitar les dades referents a l'impacte de la producció en la recerca i l'activitat científica de la comunitat docent i investigadora de la universitat per un període concret. Concretament, el present informe té l'objectiu de proveir de dades quantitatives i qualitatives sobre la recerca del personal docent i investigador adscrit al Campus de Vilanova durant l'any 2013.

2. Metodologia

Enguany, aquesta és la primera vegada que els resultats d'aquest mapa són homologables als de la versió anterior. Com que per segon any consecutiu s'ha utilitzat FUTUR per extreure les dades, aquestes són perfectament homologables amb l'edició de l'any passat del mapa. Per aquest motiu, en les conclusions es presenten gràfiques que representen l'evolució tant, de la quantitat de producció científica, així com del seu impacte.

La metodologia ha consistit en l'extracció de la producció científica de tot el PDI adscrit a l'EPSEVG mitjançant el portal futur.upc.edu. Un cop extretes les dades, les referències s'han filtrat per dues variables. D'una banda, l'any, perquè s'ha limitat la cerca a l'any 2013, i d'una altra banda, el tipus d'activitat, en aquest cas, articles de revista i treballs presentats a congressos. Posteriorment les referències s'han cercat a les bases de dades Web of Knowledgeⁱ i Scopusⁱⁱ. Per la generació del llistat bibliogràfic s'ha emprat el gestor de referències bibliogràfiques Mendeley Premium.

Posteriorment, de cada una de les referències s'ha indicat el quartil de la revista en la que ha estat publicada. Si la referència corresponia a un congrés s'ha indicat si aquest era, o no, un congrés reconegut com a notable per la UPC. Per últim s'ha revisat de manera exhaustiva si algun dels congressos no notables complia les condicions per ser declarat notable i fer-hi esment a les conclusions.

3. Dades recollides

3.1. Total de documents publicats 2013

L'anàlisi del portal de producció científica futur.upc.edu relleva que corresponents a l'any 2013¹ s'han introduït als sistemes d'informació de la Universitat un total de 404 activitats corresponents als professors i investigadors adscrits al Campus de Vilanova i la. Aquesta xifra suposa un augment del 50,18% respecte l'any 2012. Així mateix d'aquestes 404 activitats, un total de 221 correspondrien o bé, a articles de revista, o bé, a presentacions de treballs de congressos. És a dir, activitats susceptibles de poder ser recuperades –i avaluable des d'un punt de vista bibliomètric– a través de les bases de dades WOK i Scopus. Corresponen a 104 articles de revista i 117 presentacions de treball a congrés. Aquestes xifres, respecte l'any 2012 suposen un increment del 8,33% en el cas dels articles de les revistes i un 40,96% en el cas dels treballs presentats a congressos.

¹ A 09 de juny de 2015

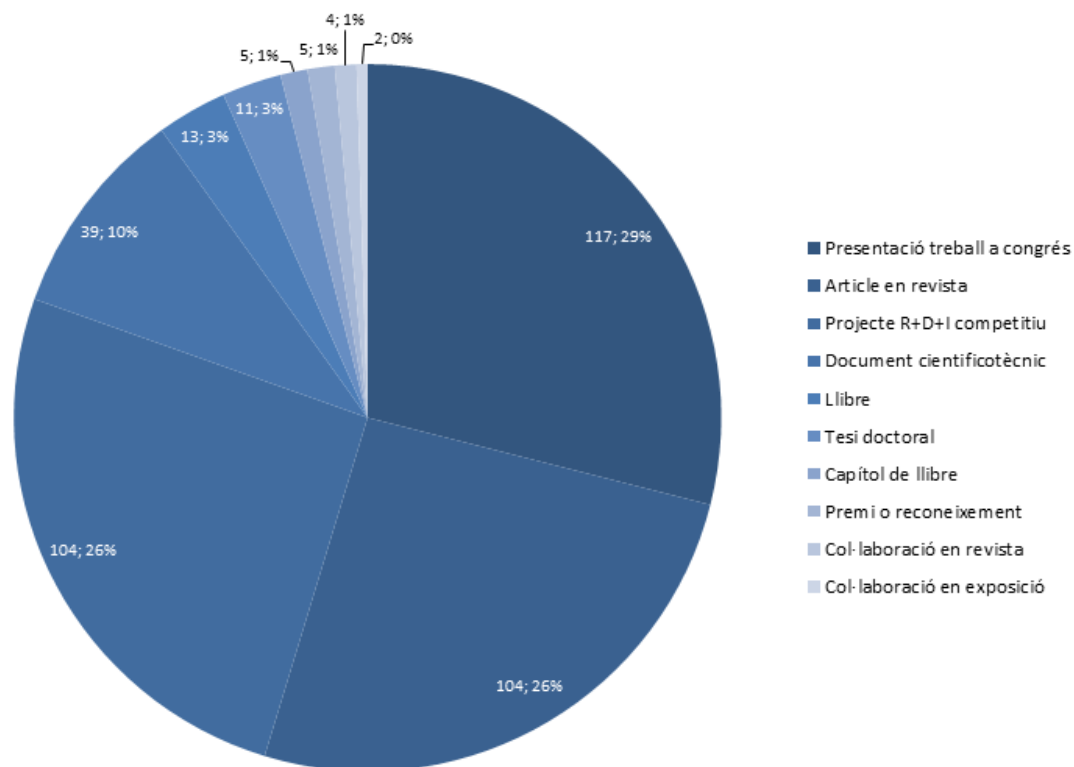


Fig. núm. 1 Activitats introduïdes a DRAC corresponents al PDI adscrit a l'EPSEVG l'any 2013

Així mateix, finalment s'han analitzat 213ⁱⁱⁱ articles o presentacions de treballs a congressos i d'aquets, 123 corresponen a referències que es poden localitzar, com a mínim, a una una de les dues bases de dades. És a dir, gairebé un 58% de la producció bibliogràfica del PDI

	Total activitats EPSEVG a Futur	Articles i ponències EPSEVG a Futur	Articles i ponències EPSEVG analitzades	Articles i ponències EPSEVG a WOK i Scopus
Total	404	221	213	123

3.2. Articles de revista i treballs presentats a congressos per autors i departament

Els autors amb un o més articles publicats o ponències presentades al 2013 recollits a les bases de dades WOK o Scopus són els següents:

Cognoms i nom	Dept.	Articles	Treballs a congressos	Total
Del Rio Fernandez, Joaquin	710	12	22	34
Català Mallofré, Andreu	707	7	7	14
Andre Sanchez, Michel	930	8	5	13
Miret Tomas, Jaume	710	6	6	12
Castilla Fernandez, Miguel	710	6	5	11
Segalas Coral, Jordi	729	1	9	10

Biel Sole, Domingo	710	3	6	9
Diaz Boladeras, Marta	732	3	5	8
Matas Alcala, Jose	710	5	2	7
Andrada Gascon, Pedro	709	4	2	6
Baile Puig, M. Teresa	702	4	2	6
Blanqué Molina, Balduino	709	4	2	6
Garcia de Vicuña Muñoz de la Nava, Jose Luis	710	4	2	6
Marti Colom, Pau	707	-	6	6
Batlle Arnau, Carles	743	1	5	6
Torrent Burgues, Marcel	709	3	2	5
Martinez Piera, Eusebio	709	3	2	5
Menargues Muñoz, Sergi	702	3	2	5
Torres Cebrian, Abel	707	2	3	5
Martin Fuentes, Enrique	702	3	2	5
Moreno Lupiañez, Manuel	721	2	3	5
Ponsa Asensio, Pedro	707	-	4	4
Olm Miras, Josep Maria	743	3	1	4
Picas Barrachina, Josep Anton	702	2	2	4
Ruiz Vegas, Francisco Javier	707	1	3	4
Baixeries i Juvillà, Jaume	723	4	-	4
Houégnigan, Ludwig	n.d.	1	3	4
Arno Macia, Elisabet	736	1	3	4
Perat Benavides, Jose Ignacio	709	2	2	4
Sanchez Lopez, Jose Antonio	709	2	2	4
Guzman Sola, Ramon	707	1	3	4
Lopez Garcia, Mariano	710	2	2	4
Prat Farran, Joana d'Arc	743	1	3	4
Ramos Lara, Rafael Ramon	710	3	1	4
Vilà Martí, Frederic	717	-	4	4
Guardia Rubies, Jordi	743	2	1	3
Muñoz Porcar, Constantino	739	2	1	3
Padró Cirera, Lluís	723	1	2	3
Parisi Baradad, Vicenç	710	1	2	3
Rodriguez Sola, Raul	721	1	2	3
Ruiz Planas, Montserrat	713	2	1	3
Tejedor Papell, Gemma	480	-	3	3
Miquel Masalles, Jaume	729	1	1	2
Lopez Martinez, Antonio Miguel	710	2	-	2
Masip Bruin, Javier	701	2	-	2
Antonijuan Rull, Josefina	743	1	1	2
Carbonell Ventura, Montserrat	729	1	1	2
Claverol Aguas, Merce	743	-	2	2
Gonzalez Rovira, Josep	743	2	-	2
Roset Calzada, M. Lourdes	713	1	1	2

Buti Papiol, Salvador	713	2	-	2
Giroto, Michele	732	1	1	2
Llanas Parra, Francesc Xavier	707	1	1	2
Salvado Cabre, Nativitat	713	2	-	2
Barlabe Dalmau, Antoni	739	1	1	2
Chiaramonte Cipolla, Luis Alejandro	732	1	1	2
Prat Tasia, Jordi	710	-	2	2
Roman Jimenez, Jose Antonio	723	-	2	2
Simo Mezquita, Ester	743	-	2	2
Villasevil Marco, Francisco Javier	710	2	-	2
Ybern Carballo, M. de Las Nieves	743	2	-	2
Fortuny Sanroma, Agustin	713	1	-	1
Gomez Urgelles, Joan Vicenç	743	-	1	1
Marín Tordera, Eva	701	1	-	1
Yannuzzi, Marcelo	701	1	-	1
Hernandez Gomez, Maria de Los Angeles	723	-	1	1
Muñoz Morgado, Luis Miguel	707	1	-	1
Raya Giner, Cristobal	707	-	1	1
Sales Zaragoza, Vicente	739	-	1	1
Segarra Mullerat, Josep	739	-	1	1
Zaragoza Monroig, Maria Luisa	743	-	1	1
Casas Fernandez, Bernardino	723	-	1	1
Gonzalez Lopez, Miguel Angel	737	-	1	1
Lumbarres López, Rubén	707	-	1	1
Massana Hugas, Immaculada	743	-	1	1
Moline Boixareu, Joan Ignasi	732	1	-	1
Olive Duran, Joaquim	713	-	1	1
Ras Sabido, Antoni	743	1	-	1
Sivatte Adroer, Maurici	712	-	1	1
Vigara Campmany, Julio Enrique	710	1	-	1

Per departaments, els departaments amb més articles i publicacions de congrés són els següents:

Departament ²	#
710 – Enginyeria Electrònica	97
707 – Enginyeria de Sistemes, Automàtica i Informàtica Industrial	42
743 – Matemàtica aplicada IV	31
709 – Enginyeria Elèctrica	30
702 – Ciència dels Materials i Enginyeria Metal·lúrgica	20
729 – Mecànica de fluids	14

² Nom dels departaments obtinguts a: <https://gpaq.upc.edu/eines/?op=unitats&index=Departaments&vigent=S>

732 – Organització d’empreses	13
930 – Centre Tecnològic de Vilanova i la Geltrú	13
723 – Ciències de la Computació	11
721 – Física i enginyeria nuclear	8
739 – Teoria del Senyal i Comunicacions	7
480 – Institut Universitari de Recerca en Ciència i Tecnologies de la Sostenibilitat	4
701 – Arquitectura de computadors	4
717 – Expressió Gràfica a l’Enginyeria	4
736 – Projectes d’Enginyeria	4
712 – Enginyeria Mecànica	1
713 – Enginyeria Química	1
737 – Resistència de Materials i Estructures a l’Enginyeria	1

3.3 Articles o treballs presentats a congressos citats a WOK i/o Scopus

La producció científica del professorat adscrit a l’EPSEVG durant el 2013 citada com a mínim una vegada a les bases de dades WOK i/o Scopus és la següent:

Article	Cites WOK	Cites Scopus	Total
Chavarria Roe, J. et al. Energy-balance control of PV cascaded multilevel grid-connected inverters for phase-shifted and level-shifted pulse-width modulations. <i>IEEE transactions on industrial electronics</i> . IEEE Press. Institute of Electrical and Electronics Engineers, Vol. 60, núm. 1, p. 98-111. DOI 10.1109/TIE.2012.2186108.	46	56	102
JCR: Q1 (Automation & Control Systems; 2/59); Q1 (Engineering, Electrical & Electronic; 2/248); Q1 (Instruments & Instrumentation; 1/57) SJR: Q1 (Computer Science Applications; 14/1129); Q1 (Control and Systems Engineering; 4/621); Q1 (Electrical and Electronic Engineering; 15/1561)			
Camacho Santiago, A. et al. Flexible voltage support control for three-phase distributed generation inverters under grid fault. <i>IEEE transactions on industrial electronics</i> . Institute of Electrical and Electronics Engineers (IEEE), Vol. 60, núm. 4, p. 1429-1441. DOI 10.1109/TIE.2012.2185016.	33	41	74
JCR: Q1 (Automation & Control Systems; 2/59); Q1 (Engineering, Electrical & Electronic; 2/248); Q1 (Instruments & Instrumentation; 1/57) SJR: Q1 (Computer Science Applications; 14/1129); Q1 (Control and Systems Engineering; 4/621); Q1 (Electrical and Electronic Engineering; 15/1561)			
Fan, J. et al. Solution-growth and optoelectronic properties of ZnO:Cl@ZnS core-shell nanowires with tunable shell thickness. <i>Journal of alloys and compounds</i> . Vol. 555, p. 213-218. DOI 10.1016/j.jallcom.2012.11.166.	17	16	33

<p>JCR: Q2 (Chemistry, Physical; 53/136); Q1 (Materials science, Multidisciplinary; 49/251); Q1 (Mettallurgy & Metallurgical Engineering; 5/75) SCR: Q1 (Materials Chemistry; 30/263) Q1 (Mechanical Engineering; 66/683); Q1 (Mechanics of Materials; 53/359): Q1 (Metals and Alloys; 13/163)</p>			
<p>Van Der Pijl, F.F.A., Bauer, P.T. i Castilla Fernandez, M. Control method for wireless inductive energy transfer systems with relatively large air gap. IEEE transactions on industrial electronics. IEEE Press. Institute of Electrical and Electronics Engineers, 2013, Vol. 60, núm. 1, p. 382-390. DOI 10.1109/TIE.2011.2163917.</p>	13	18	31
<p>JCR: Q1 (Automation & Control Systems; 2/59); Q1 (Engineering, Electrical & Electronic; 2/248); Q1 (Instruments & Instrumentation; 1/57) SJR: Q1 (Computer Science Applications; 14/1129); Q1 (Control and Systems Engineering; 4/621); Q1 (Electrical and Electronic Engineering; 15/1561)</p>			
<p>Castilla Fernandez, M. et al. Reduction of Current Harmonic Distortion in Three-Phase Grid-Connected Photovoltaic Inverters via Resonant Current Control. IEEE transactions on industrial electronics. Institute of Electrical and Electronics Engineers (IEEE), Vol. 60, núm. 4, p. 1464-1472. DOI 10.1109/TIE.2011.2167734.</p>	9	15	24
<p>JCR: Q1 (Automation & Control Systems; 2/59); Q1 (Engineering, Electrical & Electronic; 2/248); Q1 (Instruments & Instrumentation; 1/57) SJR: Q1 (Computer Science Applications; 14/1129); Q1 (Control and Systems Engineering; 4/621); Q1 (Electrical and Electronic Engineering; 15/1561)</p>			
<p>Miret Tomas, J. et al. Control scheme with voltage support capability for distributed generation inverters under voltage sags. IEEE transactions on power electronics. Vol. 28, núm. 11, p. 5252-5262. DOI 10.1109/TPEL.2013.2246190.</p>	10	17	27
<p>JCR: Q1 (Engineering, Electrical & Electronic; 4/248) SJR: Q1 (Electrical and Electronic Engineering; 16/1561)</p>			
<p>Adrian Martinez, S. et al. Search for muon neutrinos from gamma-ray bursts with the ANTARES neutrino telescope using 2008 to 2011 data. Astronomy and astrophysics. Vol. 559, núm. A&A, p. 1-11. DOI 10.1051/0004-6361/201322169.</p>	11	10	21
<p>JCR: Q1 (Astronomy and Astrophysics; 13/59) SJR: Q2 (Astronomy and Astrophysics; 24/91); Q2 (Space and Planetary Science; 27/94)</p>			
<p>Rodriguez Martin, D.M. et al. SVM-based posture identification with a single waist-located triaxial accelerometer. Expert systems with applications. Vol. 40, núm. 18, p. 7203-7211. DOI 10.1016/j.eswa.2013.07.028.</p>	5	7	12
<p>JCR: Q1 (Computer Science, Artificial Intelligence; 30/121); Q2 (Engineering, Electrical & Electronic; 63/248); Q1 (Operations Research & Management Science, 11/79) SJR: Q1 (Artificial Intelligence; 29/688); Q1 (Computer Science Applications; 59/1129); Q1 (Engineering (miscellaneous); 21/527)</p>			
<p>Ruiz Planas, M. et al. Sorption of boron calcium alginate gel beads. Reactive and functional polymers. Vol. 73, núm. 4, p. 653-657. DOI 10.1016/j.reactfunctpolym.2013.01.014.</p>	5	7	12
<p>JCR: Q1 (Chemistry, Applied; 13/71); Q1 (Engineering, Chemical; 20/133); Q1 (Polymer Science; 20/82) SJR: Q2 (Environmental Chemistry; 40/96); Q1 (Chemical Engineering (miscellaneous); 59/333); Q1 (Materials Chemistry; 49/263); Q2 (Biochemistry; 179/390); Q1 (Chemistry (miscellaneous); 86/417); Q1 (Polymers and Plastics; 28/183)</p>			

Salvado Cabre, N. et al. Shades of green in 15th century paintings: combined microanalysis of the materials using synchrotron radiation XRD, FTIR and XRF. <i>Applied physics A. Materials science and processing</i> . Vol. 111, núm. 1, p. 47-57. DOI 10.1007/s00339-012-7483-4.	6	6	12
JCR: Q2 (Materials Science, Multidisciplinary; 96/251); Q2 (Physics, Applied; 52/136) SJR: Q1 (Chemistry (miscellaneous); 102/417); Q1 (Materials Science (miscellaneous); 117/529)			
Sarlabous, L. et al. Index for estimation of muscle force from mechanomyography based on the Lempel-Ziv algorithm. <i>Journal of electromyography and kinesiology</i> . Vol. 23, núm. 3, p. 548-557. DOI 10.1016/j.jelekin.2012.12.007.	5	7	12
JCR: Q4 (Neurosciences; 193/252); Q3 (Physiology; 53/81); Q2 Rehabilitation (23/63); Q2 Sport sciences (32/81) SJR: Q2 (Biophysics; 39/123); Q2 (Neurology); Q2 (Neuroscience); Q2 (Sports Science)			
Baixeries i Juvillà, J., Elvevag, B. i Ferrer Cancho, R. The Evolution of the exponent of Zipf's law in language ontogeny. <i>PLoS One</i> . Vol. 8, núm. 3. DOI 10.1371/journal.pone.0053227.	6	4	10
JCR: Q1 (Multidisciplinary Sciences; 8/55) SJR: Q1 (Agricultural and Biological Sciences (miscellaneous); 17/216); Q1 (Biochemistry, Genetics and Molecular Biology (miscellaneous); 37/214); Q1 (Medicine (miscellaneous); 149/1827)			
Boza Rocho, S. Trace inequalities for fractional integrals in grand Lebesgue spaces. <i>Studia mathematica</i> . Vol. 210, núm. 2, p. 159-176.	5	5	10
JCR: Q2 (Mathematics; 128/302) SJR: Q1 (Mathematics (miscellaneous); 87/368)			
Adrian Martinez, S. et al. Measurement of the atmospheric nu (μ) energy spectrum from 100 GeV to 200 TeV with the ANTARES telescope. <i>European physical journal C</i> . Vol. 73, núm. 2606. DOI 10.1140/epjc/s10052-013-2606-4.	8	1	9
JCR: Q1 (Physics, Particles & Fields; 5/27) SJR: Q1 (Engineering (miscellaneous); 6/527); Q2 (Physics and Astronomy (miscellaneous); 13/252)			
Ferrer Cancho, R. et al. The challenges of statistical patterns of language: the case of Menzerath's law in genomes. <i>Complexity</i> . Vol. 18, núm. 3, p. 11-17. DOI 10.1002/cplx.21429.	4	5	9
JCR: Q3 (Mathematics, Interdisciplinary Applications; 50/95); Q2 (Multidisciplinary sciences; 21/55) SCR: Q1 (Multidisciplinary; 9/112)			
Anguita, D. et al. Energy efficient smartphone-based activity recognition using fixed-point arithmetic. <i>Journal of universal computer science</i> . 2013, Vol. 19, núm. 9, p. 1295-1314.	2	6	8
JCR: Q4 (Computer Science, Software Engineering; 99/105); Q4 (Computer science, Theory & Methods; 89/105) SJR: Q2 (Computer Science (miscellaneous); 84/435); Q3 (Theoretical Computer Science; 83/208)			
Gonzalez Abril, L. et al. A study on output normalization in multiclass SVMs. <i>Pattern recognition letters</i> . Vol. 34, núm. 3, p. 344-348. DOI 10.1016/j.patrec.2012.11.003.	4	4	8

JCR: Q3 (Computer Science, Artificial Intelligence; 71/121) SCR: Q2 (Artificial Intelligence; 52/688); Q1 (Computer Vision and Pattern Recognition; 18/395); Q1(Signal Processing; 18/258); Q1 (Software; 105/1193)			
Matas Alcala, J. et al. An adaptive prefiltering method to improve the speed/accuracy tradeoff of voltage sequence detection methods under adverse grid conditions. IEEE transactions on industrial electronics. Institute of Electrical and Electronics Engineers (IEEE), Vol. 61, núm. 5, p. 2139-2151. DOI 10.1109/TIE.2013.2274414.	8	ND	8
JCR: Q1 (Automation & Control Systems; 2/59); Q1 (Engineering, Electrical & Electronic; 2/248); Q1 (Instruments & Instrumentation; 1/57) SJR: Q1 (Computer Science Applications; 14/1129); Q1 (Control and Systems Engineering; 4/621); Q1 (Electrical and Electronic Engineering; 15/1561)			
Rodriguez Martin, D.M. et al. A wearable inertial measurement unit for long-term monitoring in the dependency care area. Sensors. Vol. 13, núm. 10, p. 14079-14104. DOI 10.3390/s131014079.	3	5	8
JCR: Q2 (Chemistry, Analytical; 36/76); Q3 (Electrochemistry; 15/27); Q1 (Instruments & Instrumentation; 10/57) SJR: Q2 (Electrical and Electronic Engineering; 181/1561); Q3 (Biochemistry; 224/390); Q1 (Medicine (miscellaneous); 449/1827); Q2 (Analytical Chemistry; 42/97); Q2 (Atomic and Molecular Physics, and Optics; 212)			
Adrian Martinez, S. et al. A first search for coincident gravitational waves and high energy neutrinos using LIGO, Virgo and ANTARES data from 2007. Journal of cosmology and astroparticle physics. Vol. 2013, núm. 6, p. 1-39. DOI 10.1088/1475-7516/2013/06/008.	6	1	7
JCR: Q1 (Astronomy and Astrophysics; 8/59); Q1 (Physics, Particles & Fields; 4/27) SJR: Q3 (Physics and Astronomy; 38/91)			
Picas Barrachina, J.A. et al. Influence of HVOF spraying parameters on the corrosion resistance of WC ₂ CoCr coatings in strong acidic environment. Surface and coatings technology. Vol. 225, p. 47-57. DOI 10.1016/j.surfcoat.2013.03.015.	2	5	7
JCR: Q1 (Materials Science, Coatings & Films; 4/18); Q2 (Physics, Applied; 38/136) SJR: Q1 (Surfaces and Interfaces; 12/76); Q1 (Condensed Matter Physics; 59/421); Q1 (Surfaces, Coatings and Films; 13/123); Q1 (Materials Chemistry; 31/263); Q1 (Chemistry (miscellaneous); 62/417)			
Sole Carbonell, M. et al. Ultrastructural damage of «Ioligo vulgaris» and «Illex coindetii» statocysts after low frequency sound exposure. PLoS One. Vol. 8, núm. 10, p. e78825-1-e78825-12. DOI 10.1371/journal.pone.0078825.	4	3	7
JCR: Q1 (Multidisciplinary Sciences; 8/55) SJR: Q1 (Agricultural and Biological Sciences (miscellaneous); 17/216); Q1 (Biochemistry, Genetics and Molecular Biology (miscellaneous) ; 37/214); Q1 (Medicine (miscellaneous); 149/1827)			
Tamburini, C. et al. Deep-sea bioluminescence blooms after dense water formation at the ocean surface. PLoS One. Vol. 8, núm. 7. DOI 10.1371/journal.pone.0067523.	3	4	7
JCR: Q1 (Multidisciplinary Sciences; 8/55) SJR: Q1 (Agricultural and Biological Sciences (miscellaneous); 17/216); Q1 (Biochemistry, Genetics and Molecular Biology (miscellaneous) ; 37/214); Q1 (Medicine (miscellaneous); 149/1827)			

Aguzzi, J. et al. Daily activity rhythms in temperate coastal fishes: insights from cabled observatory video monitoring. <i>Marine ecology progress series</i> . Vol. 486, p. 223-236. DOI 10.3354/meps10399.	3	3	6
JCR: Q2 (Ecology; 48/141); Q1 (Marine & Freshwater Biology; 15/103); Q1 (Oceanography; 11/59) SJR: Q1 (Aquatic Science; 14/195); Q1 (Ecology; 25/292); Q1 (Ecology, Evolution, Behavior and Systematics; 65/514)			
Boza Rocho, S. A local version of Hardy spaces associated with operators on metric spaces. <i>Science China Mathematics</i> . Vol. 56, núm. 2, p. 315-330. DOI 10.1007/s11425-012-4428-5.	4	2	6
JCR: Q2 (Mathematics; 89/302); Q3 (Mathematics, Applied; 137/251) SJR: Q2 (Mathematics (miscellaneous); 111/368)			
Doria Cerezo, A. Comments on «Control and Performance of a Doubly-Fed Induction Machine Intended for a Flywheel Energy Storage System». <i>IEEE transactions on power electronics</i> . Vol. 28, núm. 1, p. 605-606. DOI 10.1109/TPEL.2012.2195680.	3	3	6
JCR: Q1 (Engineering, Electrical & Electronic; 4/248) SCR: Q1 (Electrical and Electronic Engineering; 16/1561)			
López-García, I. et al. On the passivity-based power control of a doubly-fed induction machine. <i>International journal of electrical power and energy systems</i> . Vol. 45, núm. 1, p. 303-312. DOI 10.1016/j.ijepes.2012.08.067.	1	5	6
JCR: Revista no indexada SCR: Q1 (Electrical and Electronic Engineering; 56/1561); Q1 (Energy Engineering and Power Technology; 17/420)			
Ramos Lara, R.R. et al. Real-time speaker verification system implemented on reconfigurable hardware. <i>Journal of Signal Processing Systems</i> . Vol. 71, núm. 2, p. 89-103. DOI 10.1007/s11265-012-0683-5.	3	3	6
JCR: Q4 (Computer Science, Information Systems; 104/135); Q4 (Engineering, Electrical & Electronic; 196/248) SJR: Q3 (Control and Systems Engineering; 151/621); Q3 (Modeling and Simulation; 162/412); Q3 (Signal Processing; 49/258) Q3 (Hardware and Architecture; 142/573); Q3 (Information Systems; 183/885); Q4 (Theoretical Computer Science; 109/208)			
Ruiz Planas, M. et al. Equilibrium and dynamic studies for adsorption of boron on calcium alginate gel beads using principal component analysis (PCA) and partial least squares (PLS). <i>Materialwissenschaft und Werkstofftechnik</i> . Vol. 44, núm. 5, p. 410-415. DOI 10.1002/mawe.201300144.	3	3	6
JCR: Q4 (Materials Science, Multidisciplinary; 225/251) SJR: Q3 (Condensed Matter Physics; 289/421); Q3 (Materials Science (miscellaneous); 260/529); Q3 (Mechanical Engineering; 308/683); Q3 (Mechanics of Materials; 201/359)			
Garcia Amoros, J., Blanqué Molina, B. i Andrada Gascon, P. Modelling and simulation of a linear switched reluctance force actuator. <i>IET electric power applications</i> . Vol. 7, núm. 5, p. 350-359. DOI 10.1049/iet-epa.2012.0391.	1	4	5
JCR: Q2 (Engineering, Electrical & Electronics; 114/248) SCR: Q1 (Electrical and Electronic Engineering; 155/1561)			
Guardia Rubies, J., Montes Peral, J. i Nart Vinyals, E. A new computational approach to ideal theory in number fields. <i>Foundations of computational mathematics</i> . 2013, Vol. 13, núm. 5,	3	2	5

p. 729-762.			
<p>JCR: Q1 (Computer Science, Theory & Methods; 11/102); Q1 (Mathematics; 6/302); Q1 (Mathematics, Applied; 13/251) SCR: Q1 (Analysis; 11/117); Q1 (Applied Mathematics; 29//496); Q1 (Computational Mathematics; 5/136); Q1 (Computational Theory and Mathematics; 9/548)</p>			
Spinetti Rivera, M. de J. et al. Bifurcation analysis of a Lyapunov-based controlled boost converter. Communications in nonlinear science and numerical simulation. Vol. 18, núm. 11, p. 3108-3125. DOI 10.1016/j.cnsns.2013.03.018.	2	3	5
<p>JCR: Q1 (Mathematics, applied; 8/251); Q1 (Mathematics, interdisciplinary applications; 8/95); Q1 (Mechanics; 9/139); Q1 (Physics, fluids & plasmas; 7/31); Q1 (Physics, Mathematical; 3/55) SJR: Q1 (Applied mathematics; 56/496); Q1 (Modeling and simulation; 21/412); Q1 (Numerical analysis; 9/50)</p>			
Tuset Andujar, V.M., Parisi Baradad, V. i Lombarte Carrera, A. Application of otolith mass and shape for discriminating scabbardfishes <i>Aphanopus</i> spp. in the north-eastern Atlantic Ocean. Journal of fish biology. Vol. 82, núm. 5, p. 1746-1752. DOI 10.1111/jfb.12101.	3	2	5
<p>JCR: Q2 (Fisheries;16/50); Q2 (Marine & Freshwater biology; 43/103) SJR: Q1 (Aquatic Science; 41/195); Q2 (Ecology, evolution, behavior and systematics; 131/514)</p>			
Andre Sanchez, M. et al. First search for neutrinos in correlation with gamma-ray bursts with the ANTARES neutrino telescope. Journal of cosmology and astroparticle physics. DOI 10.1088/1475-7516/2013/03/006.	2	2	4
<p>JCR: Q1 (Astronomy and Astrophysics; 8/59); Q1 (Physics, Particles & Fields; 4/27) SJR: Q3 (Physics and Astronomy; 38/91)</p>			
Baixeries i Juvillà, J. et al. The parameters of Menzerath-Altmann law in genomes. Journal of quantitative linguistics. 2013, Vol. 20, núm. 2, p. 94-104. DOI 10.1080/09296174.2013.773141.	2	2	4
<p>JCR: Q3 (Linguistics; 121/169) SJR: Q2 (Language and Linguistics; 186/579); Q2 (Linguistics and Language; 206/594)</p>			
Diaz Boladeras, M. et al. From mythology to psychology: Identifying archetypal symbols in movies. Technoetic arts: a journal of speculative research. Vol. 11, núm. 2, p. 99-113. DOI 10.1386/tear.11.2.99_1.	0	4	4
<p>JCR: Revista no indexada encara SCR: Q4 (Computer Science Applications; 1080/1129); Q4 (Human-Computer Interaction; 406/424); Q4 (Philosophy; 376/413); Q4 (Visual Arts and Performing Arts; 294/383)</p>			
Estrada, L. et al. Characterization of laplacian surface electromyographic signals during isometric contraction in biceps brachii. IEEE Engineering in Medicine and Biology Society. 2013,p. 535-538. DOI 10.1109/EMBC.2013.6609555.	1	3	4
Congrés notable			
Agell Jané, N. et al. Selecting the best taste: a group decision-making application to chocolates design. <i>International Fuzzy Systems Association World Congress and European Society of Fuzzy Logic and Technology Conference</i> . 2013,p. 939-943. DOI 10.1109/IFSA-NAFIPS.2013.6608526.	1	2	3
Congrés no notable			

Castro Cevallos, U.I. et al. Heterogenization of copper catalyst for the oxidation of phenol, a common contaminant in industrial wastewater. Environmental Progress & Sustainable Energy. Vol. 32, núm. 2, p. 269-278. DOI 10.1002/ep.11620.	2	1	3
JCR: Q3 (Engineering, Chemical; 68/133); Q3(Engineering, Environmental; 26/46); Q3 (Environmental Sciences; 127/216) SJR: Q2 (Water Science and Technology; 49/228); Q2 (Chemical Engineering (miscellaneous); 81/333); Q2 (Environmental Engineering; 34/171); Q2 (Environmental Science (miscellaneous); 80/279); Q3 (Environmental Chemistry; 55/96); Q2 (Waste Management and Disposal; 21/103); Q2 (Renewable Energy, Sustainability and the Environment; 42/185)			
Guzman Sola, R. et al. Active damping control for a three phase grid-connected inverter using sliding mode control. Annual Conference of the IEEE Industrial Electronics Society. 2013,p. 382-387. DOI 10.1109/IECON.2013.6699166.	1	2	3
Congrés notable			
Muñoz Aguilar, R.S., Doria Cerezo, A. i Puleston, P.F. Direct synchronous-asynchronous conversion system for hybrid electrical vehicle applications. An energy-based modeling approach. International journal of electrical power and energy systems. Vol. 47, p. 264-279. DOI 10.1016/j.ijepes.2012.11.012.	1	2	3
JCR: Revista no indexada SJR: Q1 (Electrical and Electronic Engineering; 56/1561); Q1 (Energy Engineering and Power Technology; 17/420)			
Ramos Lara, R.R. et al. Sliding mode controlled multiphase buck converter with interleaving and current equalization. Control engineering practice. Vol. 21, núm. 5, p. 737-746. DOI 10.1016/j.conengprac.2012.09.005.	1	2	3
JCR: Q2 (Automation & Control Systems; 18/59); Q2 (Engineering, electrical & Electronic; 69/248) SJR: Q1 (Applied Mathematics; 82/496); Q1 (Computer Science Applications; 79/1129); Q1 (Control and Systems Engineering; 30/621); Q1 (Electrical and Electronic Engineering; 83/1561)			
Rodriguez Sola, R., Casas Castillo, M.D.C. i Redaño Xipell, A. Multifractal analysis of the rainfall time distribution on the metropolitan area of Barcelona (Spain). Meteorology and atmospheric physics. Vol. 121, núm. 3-4, p. 181-187. DOI 10.1007/s00703-013-0256-6.	2	1	3
JCR: Q3 (Meteorology & Atmospheric Sciences; 52/76) SJR: Q2 (Atmospheric Science; 43/100)			
Sama Monsonis, A. et al. Gait identification by means of box approximation geometry of reconstructed attractors in latent space. Neurocomputing. Vol. 121, núm. 9, p. 79-88. DOI 10.1016/j.neucom.2012.12.042.	2	1	3
JCR: Q1 (Computer Science, Artificial Intelligence; 28/121) SJR: Q2 (Artificial Intelligence;64/688); Q3 (Cognitive Neuroscience; 40/76); Q2 (Computer Science Applications; 140/1129)			
Sole Carbonell, M. et al. Does exposure to noise from human activities compromise sensory information from cephalopod statocysts? Deep-sea research. Part II, topical studies in oceanography. Vol. 95, p. 160-181. DOI 10.1016/j.dsr2.2012.10.006.	2	1	3
JCR: Q1 (Oceanography; 10/59)			

SJR: Q1 (Oceanography; 9/122)			
Borrell Sanz, A. et al. Control design for multiphase synchronous buck converters based on exact constant resistive output impedance. IEEE transactions on industrial electronics. Institute of Electrical and Electronics Engineers (IEEE), Vol. 60, núm. 11, p. 4920-4929. DOI 10.1109/TIE.2012.2221115.	1	1	2
JCR: Q1 (Automation & Control Systems; 2/59); Q1 (Engineering, Electrical & Electronic; 2/248); Q1 (Instruments & Instrumentation; 1/57) SJR: Q1 (Computer Science Applications; 14/1129); Q1 (Control and Systems Engineering; 4/621); Q1 (Electrical and Electronic Engineering; 15/1561)			
Boza Rocho, S. The local trace inequality for potential type integral operators. Potential analysis. Vol. 38, núm. 2, p. 653-681. DOI 10.1007/s11118-012-9291-z.	1	1	2
JCR: Q1 (Mathematics; 42/302) SJR: Q1 (Analysis; 28/117)			
Cabestany Moncusi, J. et al. FATE: one step towards an automatic aging people fall detection service. International Conference Mixed Design of Integrated Circuits and Systems. Lodz University of Technology, 2013,p. 545-552.	ND	2	2
Congrés no notable			
Camacho Santiago, A. et al. Control strategies based on effective power factor for distributed generation power plants during unbalanced grid voltage. Annual Conference of the IEEE Industrial Electronics Society. 2013,p. 7134-7139. DOI 10.1109/IECON.2013.6700318.	1	1	2
Congrés notable			
De La Hoz Casas, J. et al. Evaluating the impact of the administrative procedure and the landscape policy on grid connected PV systems (GCPVS) on-floor in Spain in the period 2004¿2008: To which extent a limiting factor? Energy policy. Vol. 63, núm. December, p. 147-167. DOI 10.1016/j.enpol.2013.08.056.	1	1	2
JCR: Q2 (Energy & Fuels; 33/83); Q2 (Environmental Sciences; 62/216) SJR: Q1 (Energy (miscellaneous); 6/110); Q1 (Management, Monitoring, Policy and Law; 7/238)			
Di Bernardo, M. et al. Experimental validation of the discrete-time MCS adaptive strategy. Control engineering practice. Vol. 21, núm. 6, p. 847-859. DOI 10.1016/j.conengprac.2012.12.004.	0	2	2
JCR: Q2 (Automation & Control Systems; 18/59); Q2 (Engineering, electrical & Electronic; 69/248) SJR: Q1 (Applied Mathematics; 82/496); Q1 (Computer Science Applications; 79/1129); Q1 (Control and Systems Engineering; 30/621); Q1 (Electrical and Electronic Engineering; 83/1561)			
Gonzalez Rovira, J., Jimenez Urroz, J. i Lario Loyo, J.C. Cropping Euler factors of modular L-functions. Forum mathematicum. Vol. 25, núm. 5, p. 1039-1066. DOI 10.1515/FORM.2011.140.	1	1	2
JCR: Q2 (Mathematics; 84/302); Q3 (Mathematics, Applied; 126/251) SCR: Q2 (Applied Mathematics; 155/496); Q2 (Mathematics (miscellaneous); 109/368)			
Moline Boixareu, J.I. i Coves Moreno, A.M. Order allocation in a multi-supplier environment: review of the literature since 2007. Journal of industrial engineering and management (JIEM).	ND	2	2

Universitat Politècnica de Catalunya. Departament d'Organització d'Empreses (OE), Vol. 6, núm. 3, p. 751-760.			
JCR: Revista no indexada			
SJR: Q2 (Industrial and Manufacturing Engineering; 121/415); Q3 (Strategy and Management; 172/340)			
Olm Miras, J.M. i Ros Oton, X. Existence of periodic solutions with nonconstant sign in a class of generalized abel equations. Discrete and continuous dynamical systems. Series A. Vol. 33, núm. 4, p. 1603-1614. DOI 10.3934/dcds.2013.33.1603.	1	1	2
JCR: Q1 (Mathematics; 52/302); Q2 (Mathematics, Applied; 92/251)			
SJR: Q1 (Analysis; 25/117); Q1 (Applied Mathematics; 71/496); Q1 (Discrete Mathematics and Combinatorics; 5/46)			
Sapena Masip, E., Padró Cirera, L. i Turmo Borrás, J. A Constraint-Based Hypergraph Partitioning Approach to Coreference Resolution. Computational linguistics. Vol. 39, núm. 4, p. 847-884. DOI 10.1162/COLI_a_00151.	1	1	2
JCR: Q2 (Computer Science, Artificial Intelligence; 49/121); Q3 (Computer Science, Interdisciplinary Applications; 52/102)			
SJR: Q2 (Artificial Intelligence; 72/688); Q2 (Computer Science Applications; 167/1129); Q1 (Language and Linguistics; 73/579); Q1 (Linguistics and Language; 83/594)			
Sarlabous, L. et al. Cardiac interference reduction in diaphragmatic MMG signals during a maintained inspiratory pressure test. IEEE Engineering in Medicine and Biology Society. 2013,p. 3845-3848. DOI 10.1109/EMBC.2013.6610383.	1	1	2
Congrés notable			
Sbragaglia, V. et al. An automated multi-flume actograph for the study of behavioral rhythms of burrowing organism. Journal of experimental marine biology and ecology. núm. 446, p. 177-185. DOI 10.1016/j.jembe.2013.05.018.	1	1	2
JCR: Q1 (Marine & freshwater biology; 21/103); Q2 (Ecology; 55/141)			
SJR: Q1 (Aquatic Science; 24/195); Q1 (Ecology, Evolution, Behavior and Systematics; 94/514)			
Villasevil Marco, F.J., Vígara Campmany, J.E. i Chiarle, L. Plug-in driven architecture for renewable energy generation monitoring. Renewable and sustainable energy reviews. Vol. 27, p. 401-406. DOI 10.1016/j.rser.2013.06.048.	0	2	2
JCR: Revista no indexada			
SJR: Q1 (Renewable energy, sustainability and the environment; 6/185)			
Alegria, I. et al. Introducción a la tarea compartida Tweet-Norm 2013: Normalización léxica de en español. Congreso de la Sociedad Española para el Procesamiento del Lenguaje Natural. 2013,	ND	1	1
Congrés no notable			
Conde Colom, J. et al. Nonexistence of almost Moore digraphs of diameter four. Electronic journal of combinatorics. Vol. 20, núm. 1, p. 1-14.	0	1	1
JCR: Q1 (Automation & Control Systems; 2/59); Q1 (Engineering, Electrical & Electronic; 2/248); Q1 (Instruments & Instrumentation; 1/57)			
SJR: Q2 (Computational Theory and Mathematics; 49/548); Q2 (Geometry and Topology; 27/75); Q2 (Theoretical Computer Science; 45/208)			

Diez, P.F. et al. Features extraction method for brain-machine communication based on the empirical mode decomposition. <i>Biomedical Engineering: Applications, Basis and Communications</i> . Vol. 25, núm. 2, p. 1-13. DOI 10.4015/S1016237213500580.	0	1	1
JCR: Revista no indexada			
SCR: Q4 (Bioengineering; 117/159); Q4 (Biomedical Engineering; 186/325); Q4 (Biophysics; 112/123)			
Doria Cerezo, A. et al. Study of the stability of a direct stator current controller for a doubly fed induction machine using the complex hurwitz test. <i>IEEE transactions on control systems technology</i> . Vol. 21, núm. 6, p. 2323-2331. DOI 10.1109/TCST.2012.2234459.	0	1	1
JCR: Q1 (Automation & Control Systems; 10/59); Q1 (Engineering, Electrical & Electronic; 41/248)			
SCR: Q1 (Control and Systems Engineering; 17/621); Q1 (Electrical and Electronic Engineering; 55/1561)			
Ferrer Arnau, L.J., Mon Gonzalez, J. i Parisi Baradad, V. Operators to calculate the derivative of digital signals. <i>IMEKO World Congress. 2013</i> , p. 301-306.	0	1	1
Congrés notable			
Ferrer Arnau, L.J. et al. Decimator filter based on B-splines. <i>IMEKO World Congress. 2013</i> , p. 421-425.	0	1	1
Congrés notable			
Ferrer Cancho, R., Baixeries i Juvillà, J. i Hernandez Fernandez, A. Erratum to «Random models of Menzerath-Altmann law in genomes» (<i>BioSystems</i> 107(3) (2012) 167¿173). <i>Biosystems</i> . Vol. 111, núm. 3, p. 216-217. DOI 10.1016/j.biosystems.2013.01.004.	0	1	1
JCR: Q2 (Biology; 42/85); Q3 (Mathematical & Computational Biology; 30/52)			
SCR: Q2 (Applied Mathematics; 193/496); Q2 (Biochemistry, Genetics and Molecular Biology (miscellaneous); 73/214); Q2 (Modeling and Simulation; 85/412); Q3 (Statistics and Probability; 95/178)			
Llorens Garcia, A. et al. The ICT skills gap in Spain: industry expectations versus university preparation. <i>Computer applications in engineering education</i> . Vol. 21, núm. 2, p. 256-264. DOI 10.1002/cae.20467.	0	1	1
JCR: Q4 (Computer Science, Interdisciplinary Applications; 97/102); Q4 (Education, Scientific Disciplines; 31/36); Q1 (Engineering, Multidisciplinary; 70/87)			
SCR: Q2 (Computer Science (miscellaneous); 77/435); Q2 (Education; 297/1035); Q1 (Engineering (miscellaneous); 79/527)			
Martínez De Albeniz, J., Rafels Pallarola, C. i Ybern Carballo, M. de L.N. A procedure to compute the nucleolus of the assignment game. <i>Operations research letters</i> . Vol. 41, núm. 6, p. 675-678. DOI 10.1016/j.orl.2013.09.005.	0	1	1
JCR: Q3 (Operations Research & Management Science; 59/79)			
SJR: Q2 (Applied Mathematics; 138/496); Q1 (Industrial and Manufacturing Engineering; 45/415); Q2 (Management Science and Operations Research; 39/151); Q2 (Software; 127/1193)			
Martínez De Albeniz, J., Rafels Pallarola, C. i Ybern Carballo, M. de L.N. On the nucleolus of 2×2 assignment games. <i>Economics bulletin</i> . 2013, Vol. 2, núm. 1, p. 1641-1648.	ND	1	1
JCR: Revista no indexada			
SJR: Q3 (Economics, Econometrics and Finance (miscellaneous); 135/236)			

Massana, F. et al. SiC Power JFET Electrothermal Macromodel. International Conference Mixed Design of Integrated Circuits and Systems. 2013,p. 444-447.	ND	1	1
Congrés no notable			
Rodriguez Martin, D.M. et al. Identification of postural transitions using a waist-located inertial sensor. International Work-Conference on Artificial Neural Networks. Springer-Verlag Berlin Heidelberg, 2013,p. 142-149. DOI 10.1007/978-3-642-38682-4.	0	1	1
Congrés no notable			
Sayed, T. et al. Comparative and adaptation of step detection and step length estimators to a lateral belt worn accelerometer. IEEE International Conference on e-Health Networking, Applications and Services. 2013,p. 105-109.	ND	1	1
Congrés no notable			
Takac, B. et al. Position and orientation tracking in a ubiquitous monitoring system for Parkinson disease patients with freezing of gait symptom. JMIR mobile and ubiquitous health (mhealth & uhealth). Vol. 15, núm. 7. DOI 10.2196/mhealth.2539.	1	0	1
Revista no indexada			
Torres Cebrian, A., Fiz, J.A. i Jane Campos, R. Cancellation of cardiac interference in diaphragm EMG signals using an estimate of ECG reference signal. Mediterranean Conference on Medical and Biological Engineering and Computing. 2013,p. 1000-1004. DOI 10.1007/978-3-319-00846-2_248.	ND	1	1
Congrés no notable			
Villasevil Marco, F.J., Lopez Martinez, A.M. i Fisac, M. Modelling and simulation of a thermoelectric structure with pellets of non-standard geometry and materials. International journal of refrigeration / Revue internationale du froid. Elsevier, Vol. 36, núm. 5, p. 1570-1575. DOI 10.1016/j.ijrefrig.2013.02.014.	0	1	1
JCR: Revista no indexada SJR: Q1 (Building and construction; 16/236); Q1 (Mechanical engineering 41/683)			
Viñolo Monzoncillo, C. et al. An ocean kinetic energy converter for low-power applications using piezoelectric disk elements. European physical journal. Special topics. Vol. 222, núm. 7, p. 1685-1698. DOI 10.1140/epjst/e2013-01955-3.	0	1	1
JCR: Revista no indexada SJR: Q1 (Materials science; 93/529); Q2 (Physical and Theoretical chemistry; 47/147); Q1 (Physics and astronomy; 29/252)			
Zaugg, S.A. et al. Extraction of pulse repetition intervals from sperm whale click trains for ocean acoustic data mining. Journal of the Acoustical Society of America. Vol. 133, núm. 2, p. 902-911. DOI 10.1121/1.4773278.	0	1	1
JCR: Q2 (Acoustics; 9/30); Q2 Audiology & Speech-language pathology (8/22) SJR: Q1 (Acoustics and ultrasònic; 7/85); Q2 (Arts and humanities; 119/439)			

3.4 Articles o treballs presentats a congressos indexats a WOK i/o Scopus no citats^{iv}

La producció científica del professorat adscrit a l'EPSEVG durant el 2013 indexada, però no citada, a les bases de dades WOK i/o Scopus és la següent:

Ageno Pulido, A. et al. The TALP-UPC approach to Tweet-Norm 2013. <i>Congreso de la Sociedad Española para el Procesamiento del Lenguaje Natural</i> . 2013, p. 91-95.
Congrés no notable
Albo Canals, J., Diaz Boladeras, M. i Angulo Bahón, C. Comparing two LEGO robotics-based interventions for social skills training with children with ASD. <i>IEEE International Symposium on Robot and Human Interactive Communication</i> . 2013,p. 638-643. DOI 10.1109/ROMAN.2013.6628420.
Congrés notable
Artero Delgado, C. et al. pH sensor calibration procedure. <i>IMEKO World Congress</i> . 2013,p. 739-743.
Congrés notable
Biel Sole, D., Doria Cerezo, A. i Fossas Colet, E. Sliding mode control of a single-phase LCL full-bridge rectifier. <i>Annual Conference of the IEEE Industrial Electronics Society</i> . 2013,p. 3752-3755. DOI 10.1109/IECON.2013.6699733.
Congrés notable
Boza Rocho, S. Fourier transform of anisotropic Hardy spaces. <i>Proceedings of the American Mathematical Society</i> . Vol. 141, núm. 7, p. 2299-2308.
JCR: Q2 (Mathematics; 131/302); Q3 (Mathematics, Applied; 168/251) SJR: Q1 (Applied Mathematics; 84/496); Q1 (Mathematics (miscellaneous); 59/368)
Boza Rocho, S. Discrete Hardy spaces related to powers of the Poisson kernel. <i>Mathematica scandinavica</i> .
JCR: Q4 (Mathematics; 268/302) SJR: Q3 (Mathematics (miscellaneous); 197/368)
Campillo Betbesé, M. et al. A357 aluminium cast alloys for extrusion processes. <i>Solid state phenomena</i> . 2013, Vol. 192-193, p. 454-459.
Revista no indexada
Cantó Navarro, E. et al. Fast self-reconfigurable embedded system on Spartan-3. <i>Journal of universal computer science</i> . Vol. 19, núm. 3, p. 301-324. DOI 10.3217/jucs-019-03-0301.
JCR: Q4 (Computer Science, Software Engineering; 99/105); Q4 (Computer science, Theory & Methods; 89/105) SJR: Q2 (Computer Science (miscellaneous); 84/435); Q3 (Theoretical Computer Science ; 83/208)
Carrero Candelas, N.A., Batlle Arnau, C. i Fossas Colet, E. Cascade sliding mode-PID controller for a coupled-inductor boost converter. <i>IEEE Conference on Decision and Control</i> . 2013,p. 471-476. DOI 10.1063/1.4862317.
Congrés notable
Chang, H. et al. What do we feel about archetypes: self-reports and physiological signals. <i>European Signal Processing Conference</i> . 2013,p. 1-5.
Congrés notable
De Balle Pigem, B. et al. The Architecture of a Churn Prediction System Based on Stream Mining. <i>Congrés Internacional de l'Associació Catalana d'Intel·ligència Artificial</i> . 2013,p. 157-166. DOI 10.3233/978-1-61499-320-9-157.
Congrés no notable
De Sousa Pérez, Ó. et al. Power sharing control in islanded microgrid using event driven communication. <i>Annual Conference of the IEEE Industrial Electronics Society</i> . 2013,p. 2151-2156. DOI 10.1109/IECON.2013.6699464.

Congrés notable
Del Rio Fernandez, J. et al. A new colorimetrically-calibrated automated video-imaging protocol for day-night fish counting at the OBSEA coastal cabled observatory. <i>Sensors</i> . Vol. 13, núm. 11, p. 14740-14753. DOI 10.3390/s131114740.
JCR: Q2 (Chemistry, Analytical; 36/76); Q3 (Electrochemistry; 15/27); Q1 (Instruments & Instrumentation; 10/57) SJR: Q2 (Electrical and Electronic Engineering; 181/1561); Q3 (Biochemistry; 224/390); Q1 (Medicine (miscellaneous); 449/1827); Q2 (Analytical Chemistry; 42/97); Q2 (Atomic and Molecular Physics, and Optics; 212)
Del Rio Fernandez, J. et al. Citizen Science and marine community monitoring by video-cabled observatories: the OBSEA Citizen Science Project. <i>International Symposium on Underwater Technology</i> . IEEEXPLORE, 2013,
Congrés no notable
Díaz Boladeras, M. et al. Emotional factors in robot-based assistive services for elderly at home. <i>IEEE International Symposium on Robot and Human Interactive Communication</i> . 2013,
Congrés notable
Doria Cerezo, A. i Bodson, M. Root locus rules for polynomials with complex coefficients. <i>Mediterranean Conference on Control and Automation</i> . 2013,p. 663-670. DOI 10.1109/MED.2013.6608794.
Congrés notable
Doria Cerezo, A., Puleston, P.F. i Kunusch, C. Control of an active rectifier with an inductive-capacitive-inductive filter using a twisting based algorithm. <i>Annual Conference of the IEEE Industrial Electronics Society</i> . 2013,p. 3416-3421. DOI 10.1109/IECON.2013.6699677.
Congrés notable
Doria Cerezo, A., Van Der Heijden, L. i Jacquelin, S. Memristive port-Hamiltonian control: path-dependent damping injection in control of mechanical systems. <i>European journal of control</i> . Vol. 19, núm. 6, p. 454-460. DOI 10.1016/j.ejcon.2013.09.006.
JCR: Q3 (Automation & Control Systems; 42/59) SCR: Q1 (Engineering (miscellaneous); 95/527)
Escoda, J. et al. G2V and V2G operation 20 kW battery charger. <i>International Electric Vehicle Symposium and Exhibition</i> . 2013,p. 1-5.
Congrés no notable
Garcia Benadí, A. et al. Evaluation of the R&R and the compatibility index for non-independent measurements. <i>International Journal of Metrology and Quality Engineering</i> . Vol. 01, núm. 2013, p. 23-28. DOI 10.1051/ijmqe/2012033.
JCR: Revista no indexada SCR: Q1 (Safety, Risk, Reliability and Quality; 102/321)
Giroto, M., Mundet Hiern, J. i Llinas Audet, F.J. Estrategia en la Universidad: ¿Cuestión de calidad, gerencialismo y relaciones político-financieras? <i>Revista de educación</i> . núm. 361. DOI 10-4438/1988-592X-RE-2011-361-136.
Revista no indexada
Gonzalez Agudelo, J. et al. Mathematical model of the Guanay II AUV. <i>OCEANS MTS/IEEE</i> . 2013,
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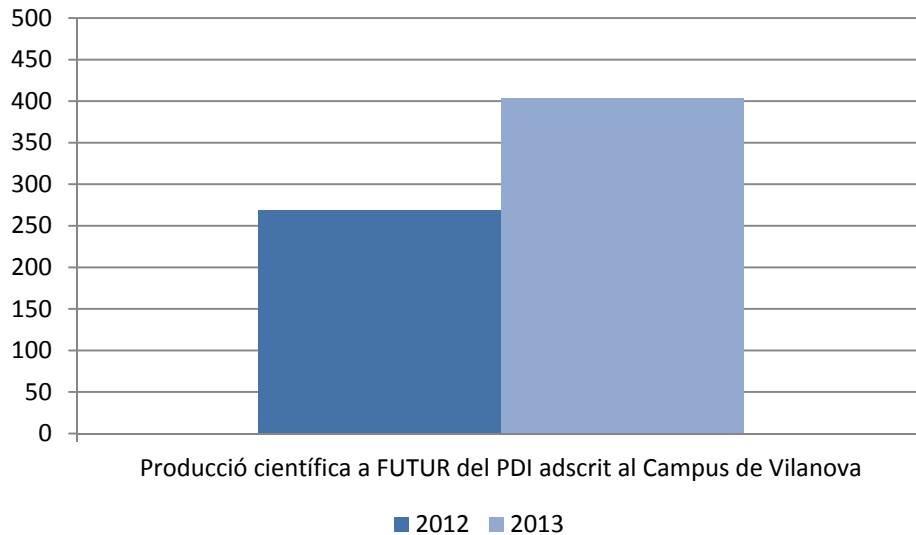


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Zaragoza Monroig, M.L. i Aguiló Gost, F. de A.L. Diagrama de caminos mínimos en digrafos de Cayley pesados de grado 2 sobre grupos abelianos finitos. <i>Encuentro Andaluz de Matemática Discreta</i> . 2013,	
	Congrés no notable

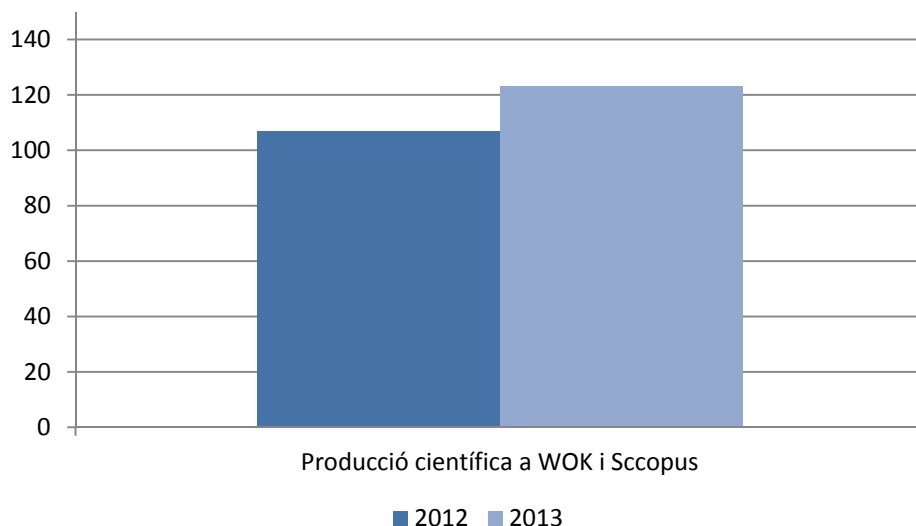
4. Conclusions

Ateses les dades exposades en aquest informe es pot concloure que:

- 1) En comparació amb el 2012, durant el 2013 **han augmentat les activitats entrades a Futur**. De 269 activitats s'ha passat a 404. **Això suposa un increment del 50,18%**

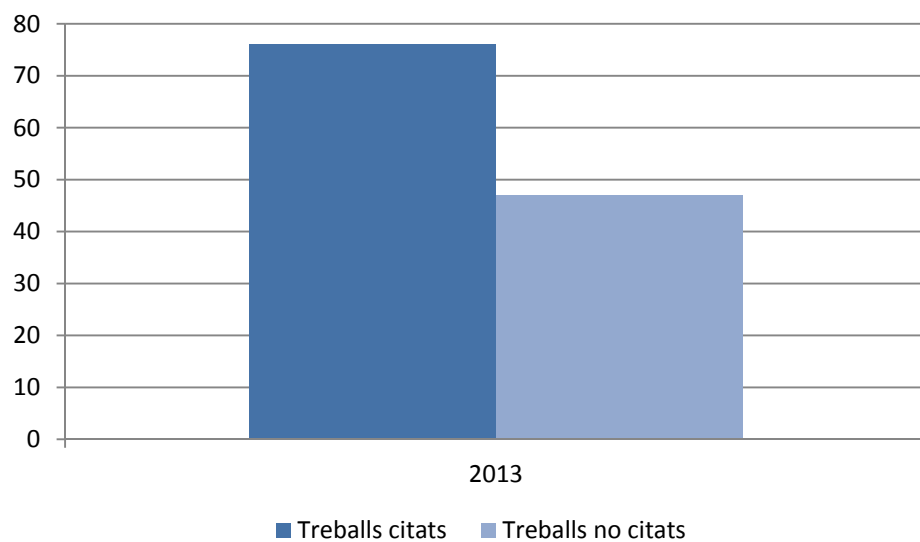
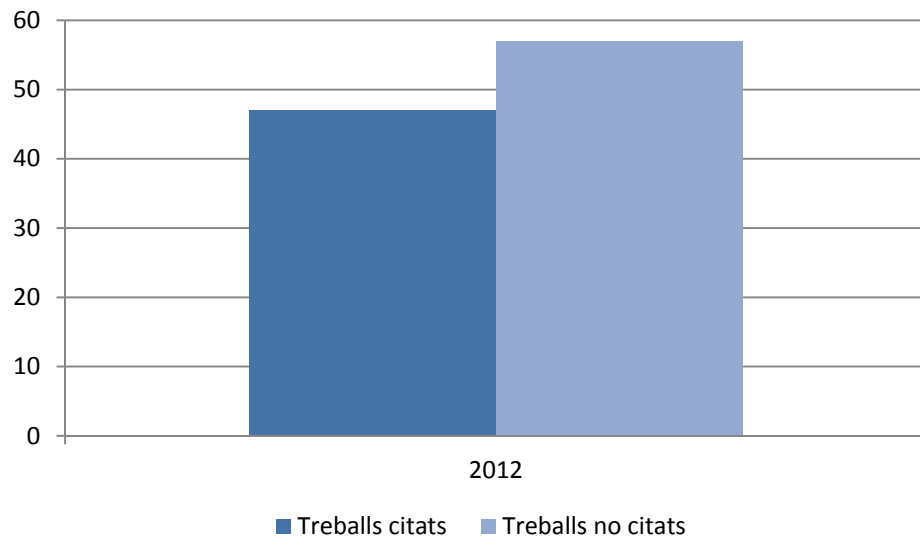


- 2) Les bases de dades WOK i/o Scopus recullen un total de 123 articles de revista o treballs presentats a congressos participats d'alguna manera pel PDI adscrit a l'EPSEVG durant 2013. En comparació amb el total de cites analitzades, 213, això suposa un 57,74%. Respecte l'any anterior suposa una davallada ja que en el mapa de la recerca de 2012 aquest percentatge era del 58,79%. **Així doncs, l'augment d'activitats a Futur no suposa un increment de la producció científica de qualitat.**

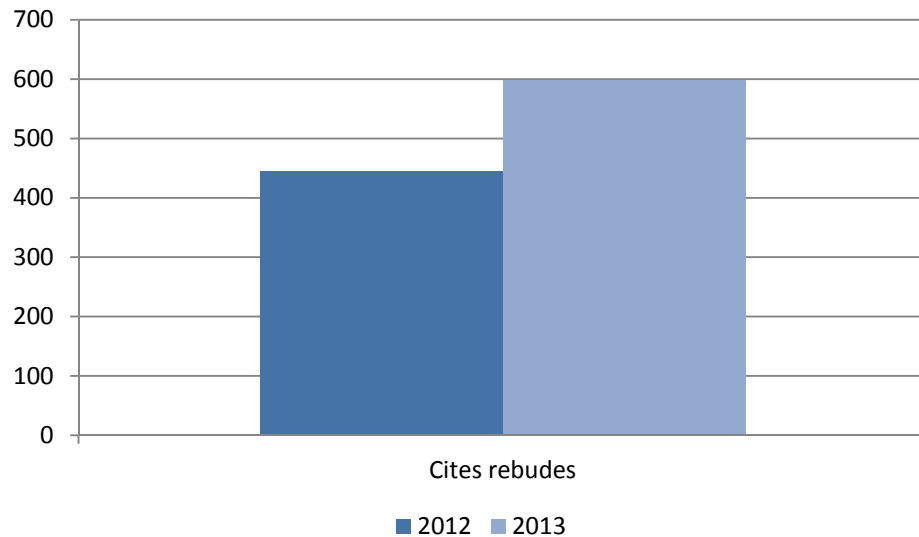


- 3) Sí que s'ha produït, però, un canvi important respecte el mapa anterior. Si bé en la versió prèvia del mapa, dels treballs indexats a WOK i Scopus eren majoria els que no eren citats, enguany això s'ha invertit i **els treballs que són citats superen amb escreix**

els que no són citats. Concretament, si l'any 2012 teníem 47 treballs citats i 57 de no citats. Durant l'any 2013 s'han citat 76 treballs i no s'han citat 50.



- 4) **El que han augmentat també són les cites rebudes. Concretament, un 34,68%.** Si durant l'any 2012 els treballs del PDI adscrit al Campus de Vilanova van ser citats 444 vegades, els treballs corresponents al 2013 van estar citats 598 vegades. Aquesta dada és especialment significativa atès que amb un percentatge semblant de treballs indexats a Wok i Scopus l'impacte bibliomètric d'aquesta producció ha estat major



5) Per millorar la valoració de la recerca del PDI adscrit al Campus s'ha revisat si el següents congressos podien ser considerats notables:

- Conference European Society for Engineering Education
- Conference on Optical Cabling and Infraestructure
- Congreso Internacional de Interacción Persona-Ordenador
- Engineering Education for Sustainable Development
- European Conference on Materials and Technologies for Sustainable Growth
- European Conference on Network and Optical Communications
- European Society of Fuzzy Logic and Technology Conference
- IEEE International Conference on e-Health Networking, Applications and Services
- IEEE International Symposium on Intelligent Signal Processing
- International Carnahan Conference on Security Technology
- International Conference Mixed Design of Integrated Circuits and Systems
- International Conference on Logistics, Informatics and Service Science
- International Conference on Multiple Criteria Decision Making
- International Conference on Renewable Energies and Power Quality
- International Conference on Systems and Control
- International Conference on the effects of noise on aquàtic life
- International Discussion Meeting on Relaxation in Complex Systems
- International Electric Vehicle Symposium and Exhibition
- International Fuzzy Systems Association World Congress
- International Materials Education Symposium
- International Symposium on Underwater Technology
- International Work-Conference on Artificial Neural Networks
- International Workshop on Detection, Classification, Localization and Density Estimation of Marine Mammals using Passive Acoustics
- International Workshop on Marine Technology
- International Workshop on Qualitative Reasoning
- Mediterranean Conference on Medical and Biological Engineering and Computing
- Symposium measurements of Electrical Quantities
- Symposium on Hydrogen Fuel Cells and Advanced Batteries

En base als criteris establerts per la UPC³ s'ha determinat que 9 d'aquests congressos podrien ser considerats Notables. Concretament estem parlant de:

- IEEE International Conference on E-Health Networking, Applications and Services (IEEE HealthCom)
- IEEE International Symposium on Intelligent Signal Processing (WISP)
- International Carnahan Conference on Security Technology ICCST
- International Conference Mixed Design of Integrated Circuits and Systems
- International Conference on Renewable Energies and Power Quality
- International Fuzzy Systems Association World Congress
- International Symposium on Underwater Technology
- International Work-Conference on Artificial Neural Networks
- International Electric Vehicle Symposium and Exhibition (EVS)

³ <https://drac.upc.edu/info/glossari/classificacio-alfabetica/c/congressos-notables-upc>

Annex 1. Referències per demanar com a congrés notable IEEE International Conference on E-HEALTH Networking, Applications and Services (IEEE HealthCom)

IEEE International Conference on E-Health Networking, Applications and Services (IEEE HealthCom)
Wright, A., McCoy, A.B., Henkin, S., Kale, A., Sittig, D.F. Use of a support vector machine for categorizing free-text notes: Assessment of accuracy across two institutions (2013) Journal of the American Medical Informatics Association, 20 (5), pp. 887-890. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84882772479&partnerID=40&md5=e5e648391c82a554c7689d68a12848e0
Q1 (7/135) Computer Science, Information Systems (Font: JCR) Q1 (8/102) Computer Science, Interdisciplinary Applications (Font: JCR) Q1 (6/86) Health Care Sciences & Services (Font: JCR) Q1 (8/24) Medical Informatics (Font: JCR)
Tawfik, A.A., Kochendorfer, K.M. ; Saparova, D. ; Al Ghenaimi, S. ; Moore, J.L. Using semantic search to reduce cognitive load in an electronic health record (2011) IEEE 13th International Conference on e-Health Networking, Applications and Services 13-15 Jun 2011, Columbia, MO, USA, pp. 181-184
Blumrosen, G., Luttwak, A. Human body parts tracking and kinematic features assessment based on RSSI and inertial sensor measurements (2013) Sensors (Switzerland), 13 (9), pp. 11289-11313. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84883402711&partnerID=40&md5=e63721c5d9bdc1d5a3b9da518041a134
Q1 (10/57) Instruments & Instrumentation (Font: JCR)
Campo, E., Bonhomme, S., Chan, M., Esteve, D. Remote tracking patients in retirement home using wireless multisensor system (2010) Proceedings of the 2010 12th IEEE International Conference on e-Health Networking Applications and Services (Healthcom), pp. 226-230
Teijeiro, T., Félix, P., Presedo, J., Zamarrón, C. An open platform for the protocolization of home medical supervision (2013) Expert Systems with Applications, 40 (7), pp. 2607-2614. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84873203165&partnerID=40&md5=bae3bab351c71daddee7d27da28c3c45
Q1 (30/121) Computer Science, Artificial Intelligence (Font: JCR) Q2 (63/248) Engineering, Electrical & Electronic (Font: JCR) Q1 (11/79) Operations Research & Management Science (Font: JCR)
Zao, J., Wang, M.-Y., Tsai, P., Liu, J. Smart phone based medicine in-take scheduler, reminder and monitor (2010) 12th IEEE International Conference on E-health Networking Applications and Services (Healthcom), pp. 162-168
Obi, T., Ishmatova, D., Iwasaki, N. Promoting ICT innovations for the ageing population in Japan (2013) International Journal of Medical Informatics, 82 (4), pp. e47-e62. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84875376286&partnerID=40&md5=7efba2cac2409fe0852c083797a6e97a
Q1 (13/135) Computer Science, Information Systems (Font: JCR) Q1 (21/86) Health Care Sciences & Services (Font: JCR) Q1 (4/24) Medical Informatics (Font: JCR)
Akematsu, Y., Tsuji, M. Empirical analysis of the effect of eHealth to medical expenditures of lifestyle-related diseases (2010) The Proceedings of the 12th IEEE International Conference on e-Health Networking Applications and Services (Healthcom), pp. 270-276.
Lara, Ó.D., Labrador, M.A. A survey on human activity recognition using wearable sensors (2013) IEEE Communications Surveys and Tutorials, 15 (3), art. no. 6365160, pp. 1192-1209. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84881311778&partnerID=40&md5=6a22b44f39186a7950f7317521c85150

<p>Q1 (3/135) Computer Science, Information Systems (Font: JCR) Q1 (2/78) Telecommunications (Font: JCR)</p>
<p>Khan, A., Lee, Y., Lee, S. Accelerometer's position free human activity recognition using a hierarchical recognition model (2010) IEEE International Conference on E-Health Networking Applications and Services (Healthcom), pp. 296-301</p>
<p>Zhao, H., Qin, J., Hu, J. An energy efficient key management scheme for body sensor networks (2013) IEEE Transactions on Parallel and Distributed Systems, 24 (11), art. no. 6378365, pp. 2202-2210. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84885111766&partnerID=40&md5=9ffc8a7d2f6c42050850800111b975af</p>
<p>Q1 (10/102) Computer Science, Theory & Methods (Font: JCR) Q1 (55/248) Engineering, Electrical & Electronic (Font: JCR)</p>
<p>Yu, W.D., Chekhanovskiy, M.A. An electronic health record content protection system using SmartCard and PMR™ (2007) HEALTHCOM 2007: Ubiquitous Health in Aging Societies - 2007 9th International Conference on e-Health Networking, Application and Services, art. no. 4265789, pp. 11-18</p>
<p>Elgendi, M. Fast QRS Detection with an Optimized Knowledge-Based Method: Evaluation on 11 Standard ECG Databases (2013) PLoS ONE, 8 (9), art. no. e73557. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84884189764&partnerID=40&md5=71241d6e9a2d15d54c7eaa4e70044245</p>
<p>Q1 (8/55) Multidisciplinary Sciences (Font: JCR)</p>
<p>Zheng, H., Wu, J. Real-time QRS detection method (2008) Proc. IEEE 10th Int. Conf. Real-time QRS detection method, e-health Networking, Applications and Services (HealthCom 2008), pp. 169-170.</p>
<p>Dziuda, L., Skibniewski, F.W., Krej, M., Baran, P.M. Fiber Bragg grating-based sensor for monitoring respiration and heart activity during magnetic resonance imaging examinations (2013) Journal of Biomedical Optics, 18 (5). Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84886780128&partnerID=40&md5=cb81e87383578e801f6ad22aa4c29ae3</p>
<p>Q1 (17/83) Optics (Font: JCR) Q2 (31/122) Radiology, Nuclear Medicine & Medical Imaging (Font: JCR)</p>
<p>De Jonckheere, J. ; Narbonneau, F. ; D'Angelo, L.T. ; Witt, J. ; Paquet, B. ; Kinet, D. ; Kreber, K. ; Logier, R. FBG-based smart textiles for continuous monitoring of respiratory movements for healthcare applications (2010) IEEE Healthcom Conf. Proc., pp. 277-282.</p>
<p>Fernández-Caballero, A., Sokolova, M.V., Serrano-Cuerda, J. Lateral inhibition in accumulative computation and fuzzy sets for human fall pattern recognition in colour and infrared imagery (2013) The Scientific World Journal, 2013. Disponible a : http://www.scopus.com/inward/record.url?eid=2-s2.0-84888602069&partnerID=40&md5=de440bab4b48f4a3e531dffec1c1246b</p>
<p>Q2 (16/55) Multidisciplinary Sciences (Font: JCR)</p>
<p>Yu, X. Approaches and principles of fall detection for elderly and patient (2008) 2008 10th IEEE Intl. Conf. on e-Health Networking, Applications and Service, HEALTHCOM 2008, art. no. 4600107, pp. 42-47</p>
<p>Hemanth, D.J., Vijila, C.K.S., Selvakumar, A.I., Anitha, J. Distance metric-based time-efficient fuzzy algorithm for abnormal magnetic resonance brain image segmentation (2013) Neural Computing and Applications, 22 (5), pp. 1013-1022. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84875057825&partnerID=40&md5=aee2040b9fc57e445103aef67e6dfa70</p>
<p>Q2 (40/121) Computer Science, Artificial Intelligence (Font: JCR)</p>
<p>Kim, T.-Y., Choi, H.-J., Choi, H.-K. Cell nuclei image classification using three-dimensional texture features (2006) HEALTHCOM 2006: Mobile E-Health for Developing Countries - 2006 8th International Conference on e-Health Networking, Applications and Services, art. no.</p>



1717830, pp. 127-131.

Annex 2. Referències per demanar com a congrés notable IEEE International Symposium on Intelligent Signal Processing (WISP)

IEEE International Symposium on Intelligent Signal Processing (WISP)
Zhang, Y., Lu, K., Gao, Y., Wang, M. NEQR: A novel enhanced quantum representation of digital images (2013) <i>Quantum Information Processing</i> , 12 (8), pp. 2833-2860. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84879842143&partnerID=40&md5=4cb1f850e90f8758d1cce3a5d7e50852
Q1 (2/55) Physics, Mathematical (Font: JCR) Q1 (15/78) Physics, Multidisciplinary (Font: JCR)
Bo Sun; Le, P.Q.; Ilyasu, A.M.; Fei Yan; Garcia, J.A.; Fangyan Dong; Hirota, K., "A Multi-Channel Representation for images on quantum computers using the RGB α color space," <i>Intelligent Signal Processing (WISP)</i> , 2011 IEEE 7th International Symposium on , pp.160-165, 19-21 Sept. 2011
Zhang, Y., Lu, K., Gao, Y., Xu, K. A novel quantum representation for log-polar images (2013) <i>Quantum Information Processing</i> , 12 (9), pp. 3103-3126. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84881266566&partnerID=40&md5=be53649fb190e81d743b2c95c4d4d06f
Q1 (2/55) Physics, Mathematical (Font: JCR) Q1 (15/78) Physics, Multidisciplinary (Font: JCR)
Bo Sun; Le, P.Q.; Ilyasu, A.M.; Fei Yan; Garcia, J.A.; Fangyan Dong; Hirota, K., "A Multi-Channel Representation for images on quantum computers using the RGB α color space," <i>Intelligent Signal Processing (WISP)</i> , 2011 IEEE 7th International Symposium on , pp.160-165, 19-21 Sept. 2011
Lan, K.-C., Shih, W.-Y. On calibrating the sensor errors of a PDR-based indoor localization System (2013) <i>Sensors (Switzerland)</i> , 13 (4), pp. 4781-4810. Cited 5 times. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84877319437&partnerID=40&md5=fba951eaead00773f9a1f6954a937a0c
Q1 (10/57) Instruments & Instrumentation (Font: JCR)
Jimenez, A.R.; Seco, F.; Prieto, C.; Guevara, J., "A comparison of Pedestrian Dead-Reckoning algorithms using a low-cost MEMS IMU," <i>Intelligent Signal Processing</i> , 2009. WISP 2009. IEEE International Symposium on , pp.37-42, 26-28 Aug. 2009.
Abrishambaf, R., Hashemipour, M., Bal, M. Structural modeling of industrial wireless sensor and actuator networks for reconfigurable mechatronic Systems (2013) <i>International Journal of Advanced Manufacturing Technology</i> , 64 (5-8), pp. 793-811. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84873733792&partnerID=40&md5=8166c1a4d270ee5ed0cd2a678d4b5947
Q2 (10/39) Engineering, Manufacturing (Font: JCR)
Salvadori, F.; de Campos, M.; de Figueiredo, R.; Gehrke, C.; Rech, C.; Sausen, P.S.; Spohn, M.A.; Oliveira, A., "Monitoring and Diagnosis in Industrial Systems Using Wireless Sensor Networks," <i>Intelligent Signal Processing</i> , 2007. WISP 2007. IEEE International Symposium on, pp.40-45, 3-5 Oct. 2007
Medina, C., Segura, J.C., De la Torre, Á. Ultrasound indoor positioning system based on a low-power wireless sensor network providing sub-centimeter accuracy (2013) <i>Sensors (Switzerland)</i> , 13 (3), pp. 3501-3526. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84875124925&partnerID=40&md5=deec9d98a3c1d5c4b130303415d15394
Q1 (10/57) Instruments & Instrumentation (Font: JCR)
Prieto, J.C.; Jimenez, A.R.; Guevara, J.I., "Subcentimeter-accuracy localization through broadband acoustic transducers," <i>Intelligent Signal Processing</i> , 2007. WISP 2007. IEEE

International Symposium on , vol., no., pp.929-934, 3-5 Oct. 2007
Song, X.-H., Wang, S., Liu, S., Abd El-Latif, A.A., Niu, X.-M. A dynamic watermarking scheme for quantum images using quantum wavelet transform (2013) Quantum Information Processing, 12 (12), pp. 3689-3706. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84887238065&partnerID=40&md5=3c8f377d797fe870cd30c427ea6609f6
Q1 (2/55) Physics, Mathematical (Font: JCR) Q1 (15/78) Physics, Multidisciplinary (Font: JCR)
Bo Sun; Le, P.Q.; Ilyasu, A.M.; Fei Yan; Garcia, J.A.; Fangyan Dong; Hirota, K., "A Multi-Channel Representation for images on quantum computers using the RGB α color space," Intelligent Signal Processing (WISP), 2011 IEEE 7th International Symposium on , vol., no., pp. 160-165, 19-21 Sept. 2011
Bae, J., Tomizuka, M. A tele-monitoring system for gait rehabilitation with an inertial measurement unit and a shoe-type ground reaction force sensor (2013) Mechatronics, 23 (6), pp. 646-651. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84884351186&partnerID=40&md5=cf6495f969a3fd93b6b31f148ff36d10
Q2 (36/121) Computer Science, Artificial Intelligence (Font: JCR) Q1 (73/248) Engineering, Electrical & Electronic (Font: JCR) Q1 (27/128) Engineering, Mechanical (Font: JCR)
Jimenez, A.R.; Seco, F.; Prieto, C.; Guevara, J., "A comparison of Pedestrian Dead-Reckoning algorithms using a low-cost MEMS IMU," Intelligent Signal Processing, 2009. WISP 2009. IEEE International Symposium on , vol., no., pp.37-42, 26-28 Aug. 2009
Makowski, P.L., Domanski, A.W. Extended Mueller-Stokes description of polarization-mode transformation in linearly birefringent single-mode optical fibres. (2013) Optics Letters, 38 (7), pp. 1107-1109. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84875716426&partnerID=40&md5=54b748d253bf5e4f738daa36a8fa9c58
Q1 (10/83) Optics (Font: JCR)
Nasilowski, T.; Berghmans, F.; Geernaert, T.; Chah, K.; Van Erps, J.; Statkiewicz, G.; Szpulak, M.; Olszewski, J.; Golojuch, G.; Martynkien, T.; Urbanczyk, W.; Mergo, P.; Makara, M.; Wojcik, J.; Chojetzki, C.; Thienpont, H., "Sensing with photonic crystal fibres," Intelligent Signal Processing, 2007. WISP 2007. IEEE International Symposium on , vol., no., pp.815-820, 3-5 Oct. 2007
Mandeljč, R., Kovačič, S., Kristan, M., Perš, J. Tracking by identification using computer vision and radio (2013) Sensors (Switzerland), 13 (1), pp. 241-273. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84872816197&partnerID=40&md5=ed100056e648750dd7df4e1d850d41ee
Q1 (10/57) Instruments & Instrumentation (Font: JCR)
Cerrada, C.; Salamanca, S.; Perez, E.; Cerrada, J.A.; Abad, I., "Fusion of 3D Vision Techniques and RFID Technology for Object Recognition in Complex Scenes," Intelligent Signal Processing, 2007. WISP 2007. IEEE International Symposium on , vol., no., pp. 717-722, 3-5 Oct. 2007
Naticchia, B., Vaccarini, M., Carbonari, A. A monitoring system for real-time interference control on large construction sites (2013) Automation in Construction, 29, pp. 148-160. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84867803142&partnerID=40&md5=d4966f8884b9360118107e5558bde658
Q1 (9/58) Construction & Building Technology (Font: JCR) Q1 (19/124) Engineering, Civil (Font: JCR)
Blumenthal, J.; Grossmann, R.; Golatowski, F.; Timmermann, D., "Weighted Centroid Localization in Zigbee-based Sensor Networks" Intelligent Signal Processing, 2007. WISP 2007. IEEE International Symposium on , vol., no., pp.1,6, 3-5 Oct. 2007

Annex 3. Referències per demanar com a congrés notable International Carnahan Conference on Security Technology (ICST)

International Carnahan Conference on Security Technology (ICST)
Munoz-Hernandez, M.D., Garcia-Hernandez, J.J., Morales-Sandoval, M. A collusion-resistant fingerprinting system for restricted distribution of digital documents (2013) PLoS ONE, 8 (12), art. no. e81976. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84892622093&partnerID=40&md5=06fc30882b3603d75a6638521fcd1de3
Q1 (8/55) Multidisciplinary Sciences (Font: JCR)
Qadir, M., Ahmad, I. Digital text watermarking: secure content delivery and data hiding in digital documents (2005) 39th Annual 2005 International Carnahan Conference on Security Technology, 2005. CCST '05, pp. 101-104
Pérez Suárez, S.T., Travieso González, C.M., Alonso Hernández, J.B. Design methodology of an equalizer for unipolar non return to zero binary signals in the presence of additive white Gaussian Noise using a time delay neural network on a field programmable gate array (2013) Sensors (Switzerland), 13 (12), pp. 16829-16850. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84889843316&partnerID=40&md5=434a0d8fc37b9e250fa20971560ec3bc
Q1 (10/57) Instruments & Instrumentation (Font: JCR)
Bruyne, P., Kjelsen, O., Sacroug, O. Spread spectrum digital signal synchronization using neural networks (1992) Proceedings of IEEE International Carnahan Conference on Security Technology, pp. 225-237.
Vaněk, O., Jakob, M., Hrstka, O., Pěchouček, M. Agent-based model of maritime traffic in piracy-affected waters (2013) Transportation Research Part C: Emerging Technologies, 36, pp. 157-176. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84884395178&partnerID=40&md5=325ac18a0a9ca54aa788358afc244c70
Q1 (3/32) Transportation Science & Technology (Font: JCR)
Koch, D.B. PortSim - A port security simulation and visualization tool (2007) Proceedings - International Carnahan Conference on Security Technology, art. no. 4373477, pp. 109-116
Fernandez-Saavedra, B., Sanchez-Reillo, R., Liu-Jimenez, J., Miguel-Hurtado, O. Evaluation of biometric system performance in the context of Common Criteria (2013) Information Sciences, 245, pp. 240-254. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84880257600&partnerID=40&md5=8a8ec77a64edf5c45de7f8fb8ef196e8
Q1 (8/135) Computer Science, Information Systems (Font: JCR)
Kukula, E.P., Elliott, S.J., Waupotitsch, R., Pesenti, B. Effects of illumination changes on the performance of geometrix FaceVision® 3D FRS (2004) Proceedings - International Carnahan Conference on Security Technology, pp. 331-337
Dura-Bernal, S., Garreau, G., Georgiou, J., Andreou, A.G., Denham, S.L., Wennekers, T. Multimodal integration of micro-doppler sonar and auditory signals for behavior classification with convolutional networks (2013) International Journal of Neural Systems, 23 (5), art. no. 1350021. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84882261563&partnerID=40&md5=ba9784966e31424c7d848264622d79a9
Q1 (3/121) Computer Science, Artificial Intelligence (Font: JCR)
Ellis, T. Multi-camera video surveillance (2002) IEEE Annual International Carnahan Conference on Security Technology, Proceedings, pp. 228-233
De Vito, L. Methods and technologies for wideband spectrum sensing (2013) Measurement: Journal of the International Measurement Confederation, 46 (9), pp. 3153-3165. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84881152481&partnerID=40&md5=ed4fde3ff0ee47d183f98e5e7cd9cace

Q1 (19/87) Engineering, Multidisciplinary (Font: JCR)
De La Morena-Álvarez-Palencia, C., Rodríguez-Aparicio, D., Burgos-García, M. Software defined radio technologies for emergency and professional wide band communications (2010) Proceedings - International Carnahan Conference on Security Technology, art. no. 5678685, pp. 357-363
Galbally, J., Martinez-Diaz, M., Fierrez, J. Aging in Biometrics: An Experimental Analysis on On-Line Signature (2013) PLoS ONE, 8 (7). Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84880761013&partnerID=40&md5=c8d33cc405d6e5c48bf3787e14eafdc8
Q1 (8/55) Multidisciplinary sciences (Font: JCR)
Faundez-Zanuy, M., Sesa-Nogueras, E., Roure-Alcobe, J. On the relevance of age in handwritten biometric recognition (2012) Proceedings - International Carnahan Conference on Security Technology, art. no. 6393544, pp. 105-109
Luque-Baena, R.M., Elizondo, D., López-Rubio, E., Palomo, E.J., Watson, T. Assessment of geometric features for individual identification and verification in biometric hand Systems (2013) Expert Systems with Applications, 40 (9), pp. 3580-3594. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84874645517&partnerID=40&md5=4faf468a82d14916ba89eba39e1c80c5
Q1 (30/121) Computer Science, Artificial Intelligence (Font: JCR) Q1 (11/79) Operations Research & Management Science (Font: JCR)
Ferrer, M.A., Morales, A., Travieso, C.M., Alonso, J.B. Low cost multimodal biometric identification system based on hand geometry, palm and finger print texture (2007) Proceedings - International Carnahan Conference on Security Technology, art. no. 4373467, pp. 52-58
Dagamseh, A., Wiegierink, R., Lammerink, T., Krijnen, G. Imaging dipole flow sources using an artificial lateral-line system made of biomimetic hair flow sensors (2013) Journal of the Royal Society Interface, 10 (83). Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84877291857&partnerID=40&md5=8d252c5d3274dbd4e517d60ab2fd6600
Q1 (7/55) Multidisciplinary Sciences (Font: JCR)
Navrátil, M., Dostálek, P., Křesálek, V. Classification of audio sources using neural network applicable in security or military industry (2010) Proceedings - International Carnahan Conference on Security Technology, art. no. 5678725, pp. 369-374
Aluri, G.S., Motayed, A., Davydov, A.V., Oleshko, V.P., Bertness, K.A., Rao, M.V. Nitro-aromatic explosive sensing using GaN nanowire-titania nanocluster híbrids (2013) IEEE Sensors Journal, 13 (5), art. no. 6415971, pp. 1883-1888. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84876143425&partnerID=40&md5=55a32f94f47f56677e369633625fe457
Q1 (13/57) Instruments & Instrumentation (Font: JCR)
Parmeter, J.E. The challenge of standoff explosives detection (2004) Proceedings - International Carnahan Conference on Security Technology, pp. 355-358

Annex 4. Referències per demanar com a congrés notable Conference Mixed Design of Integrated Circuits and Systems

International Conference Mixed Design of Integrated Circuits and Systems
Lane, B., Whitenton, E., Madhavan, V., Donmez, A. Uncertainty of temperature measurements by infrared thermography for metal cutting Applications (2013) Metrologia, 50 (6), pp. 637-653. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84889056767&partnerID=40&md5=aa01ae39e16f2c9104640bd180e6ced9
Q2 (19/57) Instruments & Instrumentation (Font: JCR)
Wałach, T. Uncertainty in temperature infrared measurements of electronic microcircuits (2008) Proceedings of The 15th International Conference Mixed Design of Integrated Circuits and Systems, MIXDES 2008, art. no. 4600934, pp. 359-363.
Xu, F., Guo, B., Tolbert, L.M., Wang, F., Blalock, B.J. An all-SiC three-phase buck rectifier for high-efficiency data center power supplies (2013) IEEE Transactions on Industry Applications, 49 (6), art. no. 6521498, pp. 2662-2673. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84890025078&partnerID=40&md5=32c9cce064cbc2aedbbd1173ebb0d7bb
Q1 (59/248) Engineering, Electrical & Electronic (Font: JCR)
Q1 (14/87) Engineering, Electrical & Electronic (Font: JCR)
Rabkowski, J., Barlik, R. Three-phase grid inverter with SiC JFETs and Schottky diodes (2009) Proceedings of the 16th International Conference - Mixed Design of Integrated Circuits and Systems, MIXDES 2009, art. no. 5289652, pp. 181-184.
Czuba, K., Jezynski, T., Hoffmann, M., Ludwig, F., Schlarb, H. RF backplane for MTCA.4-Based LLRF control System (2013) IEEE Transactions on Nuclear Science, 60 (5), art. no. 6616611, pp. 3615-3619. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84885957669&partnerID=40&md5=ea2d0d8224c0dc6925031d2dca362434
Q1 (4/33) Nuclear Science & Technology (Font: JCR)
Simrock, S.N. Low level radio frequency control system for the European XFEL (2006) Proceedings of the International Conference on Mixed Design of Integrated Circuits and Systems, MIXDES 2006, art. no. 1706542, pp. 79-84.
Antonopoulos, A., Bucher, M., Papathanasiou, K., Mavredakis, N., Makris, N., Sharma, R.K., Sakalas, P., Schroter, M. CMOS small-signal and thermal noise modeling at high frequencies (2013) IEEE Transactions on Electron Devices, 60 (11), art. no. 6626610, pp. 3726-3733. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84887228128&partnerID=40&md5=336d7037d8591380b08faec67ae44a1c
Q1 (44/248) Engineering, Electrical & Electronic (Font: JCR)
Q1 (32/136) Physics, Applied (Font: JCR)
Mangla, A., Enz, C.C., Sallese, J.-M. Figure-of-merit for optimizing the current-efficiency of low-power RF circuits (2011) Proceedings of the 18th International Conference - Mixed Design of Integrated Circuits and Systems, MIXDES 2011, art. no. 6016041, pp. 85-89.
Bae, M., Lee, K.M., Cho, E.-S., Kwon, H.-I., Kim, D.M., Kim, D.H. Analytical current and capacitance models for amorphous indium-gallium-zinc-oxide thin-film transistors (2013) IEEE Transactions on Electron Devices, 60 (10), art. no. 6605590, pp. 3465-3473. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84884776377&partnerID=40&md5=917b9e6091c249dd6532e0e48f284f8b
Q1 (44/248) Engineering, Electrical & Electronic (Font: JCR)
Q1 (32/136) Physics, Applied (Font: JCR)
Íñiguez, B., Picos, R., Estrada, M., Cerdeira, A., Ytterdal, T.A., Jackson, W., Koudymov, A., (...), Shur, M.S. Modelling of thin film transistors for circuit simulation (2007) Proceedings of the 14th International Conference "Mixed Design of Integrated Circuits and Systems", MIXDES 2007, art. no. 4286117, pp. 35-40.

<p>Leung, G., Chui, C.O. Interactions between line edge roughness and random Dopant fluctuation in Nonplanar field-effect transistor variability (2013) IEEE Transactions on Electron Devices, 60 (10), art. no. 6605590, pp. 3277-3284. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84884814152&partnerID=40&md5=b0aa718cf40744dfa29b51bd6cb03eb1</p>
<p style="text-align: center;">Q1 (44/248) Engineering, Electrical & Electronic (Font: JCR) Q1 (32/136) Physics, Applied (Font: JCR)</p>
<p>Baravelli, E., Speciale, N., Dixit, A., Jurczak, M. TCAD modeling and characterization of shortrange variations in multiple-gate devices and circuit blocks (2008) Proceedings of The 15th International Conference Mixed Design of Integrated Circuits and Systems, MIXDES 2008, art. no. 4600862, pp. 85-90.</p>
<p>Mahatme, N.N., Gaspard, N.J., Jagannathan, S., Loveless, T.D., Chatterjee, I., Bhuvu, B.L., Massengill, L.W., Schrimpf, R.D. Experimental estimation of the window of vulnerability for logic circuits (2013) IEEE Transactions on Nuclear Science, 60 (4), art. no. 6575180, pp. 2691-2696. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84883133610&partnerID=40&md5=966b7aa0c0777dcc5b12d912e764c4b</p>
<p style="text-align: center;">Q1 (4/33) Nuclear Science & Technology (Font: JCR)</p>
<p>Turowski, M., Raman, A., Jabłoński, G. Mixed-mode simulation and analysis of digital single event transients in fast CMOS ICs (2007) Proceedings of the 14th International Conference "Mixed Design of Integrated Circuits and Systems", MIXDES 2007, art. no. 4286199, pp. 433-438.</p>
<p>Si, J., Wei, J., Chen, W., Zhang, B. Electric field distribution around drain-side gate edge in algan/gan hemts: Analytical approach (2013) IEEE Transactions on Electron Devices, 60 (10), art. no. 6564424, pp. 3223-3229. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84884817792&partnerID=40&md5=9138ec35655cc7d6eecd637b1357482e</p>
<p style="text-align: center;">Q1 (44/248) Engineering, Electrical & Electronic (Font: JCR) Q1 (32/136) Physics, Applied (Font: JCR)</p>
<p>Schwarz, M., Kloes, A., Iñíguez, B. Analytical 2D model for the channel electric field in undoped Schottky barrier Double-Gate MOSFET (2010) Proceedings of the 17th International Conference - Mixed Design of Integrated Circuits and Systems, MIXDES 2010, art. no. 5551529, pp. 58-63.</p>
<p>Birkholz, M., Ehwald, K.-E., Basmer, T., Kulse, P., Reich, C., Drews, J., Genschow, D., Haak, U., Marschmeyer, S., Matthus, E., Schulz, K., Wolansky, D., Winkler, W., Guschauski, T., Ehwald, R. Sensing glucose concentrations at GHz frequencies with a fully embedded Biomicro-electromechanical system (BioMEMS)(2013) Journal of Applied Physics, 113 (24), art. no. 244904. Disponible a : http://www.scopus.com/inward/record.url?eid=2-s2.0-84879864667&partnerID=40&md5=bb3c6111a37f5de996db923441328baa</p>
<p style="text-align: center;">Q2 (39/136) Physics, Applied (Font: JCR)</p>
<p>Thewes, R. CMOS sensor arrays for bio molecule diagnostics (2010) Proceedings of the 17th International Conference - Mixed Design of Integrated Circuits and Systems, MIXDES 2010, art. no. 5551292, pp. 17-20.</p>
<p>Acha, B., Serrano, C., Fondon, I., Gomez-Cia, T. Burn depth analysis using multidimensional scaling applied to psychophysical experiment data (2013) IEEE Transactions on Medical Imaging, 32 (6), art. no. 6488854, pp. 1111-1120. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84878534258&partnerID=40&md5=bda1a922b422b6df58f17048624b4bff</p>
<p style="text-align: center;">Q1 (10/102) Computer Science, Interdisciplinary Applications (Font: JCR) Q1 (7/76) Engineering, Biomedical (Font: JCR) Q1 (16/248) Engineering, Electrical & Electronic (Font: JCR) Q1 (2/23) Imaging Science & Photographic Technology (Font: JCR)</p>



Q1 (15/122) Radiology, Nuclear Medicine & Medical Imaging (Font: JCR)

Tylman, W., Janicki, M., Napieralski, A. Automatisation of computer-aided burn wounds evaluation (2012) Proceedings of the 19th International Conference - Mixed Design of Integrated Circuits and Systems, MIXDES 2012, art. no. 6226247, pp. 535-538.

Annex 5. Referències per demanar com a congrés notable International Conference on Renewable Energies and Power Quality (ICREPQ)

International Conference on Renewable Energies and Power Quality (ICREPQ)
Pierobon, L., Nguyen, T.-V., Larsen, U., Haglind, F., Elmegaard, B. Multi-objective optimization of organic Rankine cycles for waste heat recovery: Application in an offshore platform (2013) Energy, 58, pp. 538-549. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84881109609&partnerID=40&md5=0bed6bbe25fc595db1b51c47f935450
Q1 (13/83) Energy & Fuels (Font: JCR) Q1 (2/55) Thermodynamics (Font: JCR)
Gonçalves N, Faias S, Sousa de J. Biomass CHP Technical and Economic Assessment applied to a Sawmill Plant. In: Proceedings of the International Conference on Renewable Energies and Power Quality, pp. 638, (ICREPQ'12) Santiago de Compostela, Spain, 28-30 March; 2012.
Lim, J.W., Wang, J.-Y. Enhanced hydrolysis and methane yield by applying microaeration pretreatment to the anaerobic co-digestion of brown water and food waste(2013) Waste Management, 33 (4), pp. 813-819. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84875813500&partnerID=40&md5=2b1e2bae6f8d8688639c05d83f31e023
Q1 (10/46) Engineering, Environmental (Font: JCR) Q1 (41/216) Environmental Sciences (Font: JCR)
Botheju, D., Samarakoon, G., Chen, C., Bakke, R. (2010). An experimental study on the effects of oxygen in bio-gasification; part 1, In Proceedings of the International Conference on Renewable Energies and Power Quality, pp. 690, (ICREPQ 10), Granada (Spain), 23-25 March
Reddy, B.V.K., Barry, M., Li, J., Chyu, M.K. Mathematical modeling and numerical characterization of composite thermoelectric devices (2013) International Journal of Thermal Sciences, 67, pp. 53-63. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84874649061&partnerID=40&md5=c512fc71a102bcf88b3a53f0228a2067
Q1 (11/128) Engineering, Mechanical (Font: JCR) Q1 (7/55) Thermodynamics (Font: JCR)
Gould, C.A., Shammass, N.Y.A., Grainger, S. A Novel 3D TCAD simulation of a thermoelectric couple configured for thermoelectric power generation. Proceedings of the International Conference on Renewable Energies and Power Quality, pp. 498, (ICREPQ'11) Las Palmas de Gran Canaria, Spain, 13-15 April; 2011.
Ascione, F., Bianco, N., De Masi, R.F., Vanoli, G.P. Rehabilitation of the building envelope of hospitals: Achievable energy savings and microclimatic control on varying the HVAC systems in Mediterranean climates (2013) Energy and Buildings, 60, pp. 125-138. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84873918024&partnerID=40&md5=cf2e7dfacc2186d61f44e3cf433ce8a3
Q1 (6/58) Construction & Building Technology (Font: JCR) Q1 (9/124) Engineering, Civil (Font: JCR)
Largo, J., Pérez, S., Renedo, C., Silió, D. Dynamic model for energy predicting in WECS. Proceedings of the International Conference on Renewable Energies and Power Quality, pp. 235, (ICREPQ'05) Zaragoza, Spain, 16-18 March 2005.
Yang, J., Wen, Y., Li, P., Yue, X., Yu, Q., Bai, X. A two-dimensional broadband vibration energy harvester using magnetoelectric transducer (2013) Applied Physics Letters, 103 (24), art. no. 243903. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84890473811&partnerID=40&md5=d0cf02ed84e8e53ad6067b25f6e93126

Q1 (20/136) Physics, Applied (Font: JCR)
Kim, S., Chun, K. 2D Vibration based MEMS energy harvester. Proceedings of the International Conference on Renewable Energies and Power Quality, pp. 293, (ICREPQ'12) Santiago de Compostela , Spain, 28-30 March 2012.
García Sánchez, J.A., López Martínez, J.M., Lumbreras Martín, J., Flores Holgado, M.N., Aguilar Morales, H. Impact of Spanish electricity mix, over the period 2008-2030, on the Life Cycle energy consumption and GHG emissions of Electric, Hybrid Diesel-Electric, Fuel Cell Hybrid and Diesel Bus of the Madrid Transportation System (2013) Energy Conversion and Management, 74, pp. 332-343. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84879347995&partnerID=40&md5=a85cee8dc327dcb3d1a5975a813df68a
Q1 (18/83) Energy & Fuels (Font: JCR) Q1 (5/139) Mechanics (Font: JCR) Q1 (3/21) Physics, Nuclear (Font: JCR) Q1 (5/55) Thermodynamics (Font: JCR)
Zamora, I, [et al.]. PEM fuel cells in Applications of urban public transport. Proceedings of the International Conference on Renewable Energies and Power Quality, pp. 399, (ICREPQ'11) Las Palmas de Gran Canaria , Spain, 11-15 April 2011.
Uzun, Y., Kurt, E. Performance exploration of an energy harvester near the varying magnetic field of an operating induction motor (2013) Energy Conversion and Management, 72, pp. 156-162. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84878918900&partnerID=40&md5=d99fde553b58c23fb2e9934d119186b6
Q1 (18/83) Energy & Fuels (Font: JCR) Q1 (5/139) Mechanics (Font: JCR) Q1 (3/21) Physics, Nuclear (Font: JCR) Q1 (5/55) Thermodynamics (Font: JCR)
Minazara, E., Vasic, D., Costa, F. Piezoelectric generator harvesting bike vibration energy to supply portable devices. Proceedings of the International Conference on Renewable Energies and Power Quality, pp. 344, (ICREPQ'08) Santander, Spain, 12-14 March 2008.
Wang, J.-M., Lu, C.-L. Design and implementation of a sun tracker with a dual-axis single motor for an optical sensor-based photovoltaic System (2013) Sensors (Switzerland), 13 (3), pp. 3157-3168. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84875175035&partnerID=40&md5=7c2a2ee929da2e6c2232a3ab2781c10b
Q1 (10/57) Instruments & Instrumentation (Font: JCR)
Serhan, M., El-Chaar, L. Two axes sun tracking system: comparsion with a fixed system. Proceedings of the International Conference on Renewable Energies and Power Quality, pp. 227, (ICREPQ'10) Granada, Spain23-25 March 2010.
Aggarwal, S., Nešić, N., Xirouchakis, P. Cutting torque and tangential cutting force coefficient identification from spindle motor corrent (2013) International Journal of Advanced Manufacturing Technology, 65 (1-4), pp. 81-95. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84874290311&partnerID=40&md5=bd5f12030950580b699c0e45cc29df42
Q2 (10/39) Engineering, Manufacturing (Font: JCR)
Köfler, H. Stray load losses in induction Machines. Stray load losses in induction machines. A review of experimental measuring methods and a critical performance evaluation. Proceedings of the International Conference on Renewable Energies and Power Quality, pp. 375, (ICREPQ'03) Vigo, Spain, 09-11 April 2003.
Farhoodnea, M., Mohamed, A., Shareef, H., Zayandehroodi, H. An enhanced premium power park configuration using active power and voltage conditioning devices (2013) Control Engineering Practice, 21 (11), pp. 1542-1552. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-



84884727627&partnerID=40&md5=b7965f6339e664875c351f3e4bccca01

Q2 (18/59) Automation & Control Systems (Font: JCR)
Q2 (69/248) Engineering, Electrical & Electronic (Font: JCR)

Vechiu, G.G.I., Munteanu, T. Power quality improvement using renewable energy. Proceedings of the International Conference on Renewable Energies and Power Quality, pp. 437, (ICREPQ'11) Las Palmas de Gran Canaria , Spain, 11-15 April 2011.

Annex 6. Referències per demanar com a congrés notable International Fuzzy Systems Association World Congress

International Fuzzy Systems Association World Congress
Reiser, R.H.S., Bedregal, B., Baczyński, M. Aggregating fuzzy implications (2013) Information Sciences, 253, pp. 126-146. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84885053834&partnerID=40&md5=0dd478ae9b6139afd0b2d71554e439d0
Q1 (8/135) Computer Science, Information Systems (Font: JCR)
Le Capitaine, H.; Frélicot, C. Classification with Reject Options in a Logical Framework: a fuzzy residual implication approach. Proceedings of the Joint 2009 International Fuzzy Systems Association World Congress and 2009 European Society of Fuzzy Logic and Technology Conference, Lisbon, Portugal, July 20-24, 2009, pp. 855-860
Tyagi, S.K., Akram, M. Human reliability evaluation for offshore platform musters using intuitionistic fuzzy sets (2013) IEEE Transactions on Fuzzy Systems, 21 (6), art. no. 6423889, pp. 1115-1122. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84897735000&partnerID=40&md5=f59bc2e8a5f130d63c3221661a1c765e
Q1 (2/121) Computer Science, Artificial (Font: JCR) Q1 (3/248) Engineering, Electrical & Electronic (Font: JCR)
Szwarcman, D.M., Domech, J., Tanscheit, R., Vellasco, M., Pacheco, M., Ribeiro, N.P. A fuzzy system for the assessment of human reliability (2009) 2009 International Fuzzy Systems Association World Congress and 2009 European Society for Fuzzy Logic and Technology Conference, IFSA-EUSFLAT 2009 - Proceedings, pp. 1102-1107.
Bedregal, B., Dimuro, G.P., Bustince, H., Barrenechea, E. New results on overlap and grouping functions (2013) Information Sciences, 249, pp. 148-170. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84883178390&partnerID=40&md5=99884a30a7eea138b09336666ba866f9
Q1 (8/135) Computer Science, Information Systems (Font: JCR)
Zadrozny, S., Kacprzyk, J. Bipolar queries: An approach and its various interpretations (2009) 2009 International Fuzzy Systems Association World Congress and 2009 European Society for Fuzzy Logic and Technology Conference, IFSA-EUSFLAT 2009 - Proceedings, pp. 1288-1293.
Reiser, R.H.S., Bedregal, B. Interval-valued intuitionistic fuzzy implications - Construction, properties and representability (2013) Information Sciences, 248, pp. 68-88. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84882902869&partnerID=40&md5=30018fbf481608dc6099fad45bd0e0b6
Q1 (8/135) Computer Science, Information Systems (Font: JCR)
Barrenechea, E., Bustince, H., Pagola, M., Fernandez, J., Sanz, J. Generalized atanassov's intuitionistic fuzzy index. Construction method (2009) 2009 International Fuzzy Systems Association World Congress and 2009 European Society for Fuzzy Logic and Technology Conference, IFSA-EUSFLAT 2009 - Proceedings, pp. 478-482
Fritz, H., García-Escudero, L.A., Mayo-Iscar, A. Robust constrained fuzzy clustering (2013) Information Sciences, 245, pp. 38-52. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84880318480&partnerID=40&md5=ee6bf93d5208975b7f68f46c1dd7530d
Q1 (8/135) Computer Science, Information Systems (Font: JCR)
Borgelt, C., Kruse, R. Fuzzy and probabilistic clustering with shape and size constraints (2005) Proceedings of the 11th International Fuzzy Systems Association World Congress, IFSA05, pp. 945-950.
Greenfield, S., Chiclana, F. Accuracy and complexity evaluation of defuzzification strategies for the discretised interval type-2 fuzzy set (2013) International Journal of Approximate

Reasoning, 54 (8), pp. 1013-1033. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84879600476&partnerID=40&md5=7981b002a4a1dffcc18eece46502a46e
Q1 (8/135) Computer Science, Information Systems (Font: JCR)
Miller, S.M., Popova, V., John, R., Gongora, M. An interval type-2 fuzzy distribution network (2009) 2009 International Fuzzy Systems Association World Congress and 2009 European Society for Fuzzy Logic and Technology Conference, IFSA-EUSFLAT 2009 - Proceedings, pp. 697-702.
Sabahi, F., Akbarzadeh-T, M.-R. A qualified description of extended fuzzy logic (2013) Information Sciences, 244, pp. 60-74.
Q1 (8/135) Computer Science, Information Systems (Font: JCR)
Niskanen, V.A. Application of Zadeh's impossibility principle to approximate explanation (2009) 2009 International Fuzzy Systems Association World Congress and 2009 European Society for Fuzzy Logic and Technology Conference, IFSA-EUSFLAT 2009 - Proceedings, pp. 561-566.
Greenfield, S., Chiclana, F. Defuzzification of the discretised generalised type-2 fuzzy set: Experimental evaluation(2013) Information Sciences, 244, pp. 1-25. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84878955127&partnerID=40&md5=c554329c188d62b4511a1c9c496edcd1
Q1 (8/135) Computer Science, Information Systems (Font: JCR)
Miller, S.M., Popova, V., John, R., Gongora, M. An interval type-2 fuzzy distribution network (2009) 2009 International Fuzzy Systems Association World Congress and 2009 European Society for Fuzzy Logic and Technology Conference, IFSA-EUSFLAT 2009 - Proceedings, pp. 697-702.
Di Martino, M., Hernández, G., Fiori, M., Fernández, A. A new framework for optimal classifier design (2013) Pattern Recognition, 46 (8), pp. 2249-2255. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84875750576&partnerID=40&md5=5d8a973ac4574998f95f2a176cdd9d47
Q1 (22/121) Computer Science, Artificial Intelligence (Font: JCR) Q1 (40/248) Engineering, Electrical & Electronic
Muniz, C., Vellasco, M., Tanscheit, R., Figueiredo, K. A neuro-fuzzy system for fraud detection in electricity distribution (2009) 2009 International Fuzzy Systems Association World Congress and 2009 European Society for Fuzzy Logic and Technology Conference, IFSA-EUSFLAT 2009 - Proceedings, pp. 1096-1101.
Xie, J., Kelley, S., Szymanski, B.K. Overlapping community detection in networks: The state-of-the-art and comparative study (2013) ACM Computing Surveys, 45 (4). Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84874287099&partnerID=40&md5=657441a5a3e18dba1879cf8f0b1d476f
Q1 (3/102) Computer Science, Theory & Methods (Font: JCR)
Hüllermeier, E., Rifqi, M. A fuzzy variant of the rand index for comparing clustering structures (2009) 2009 International Fuzzy Systems Association World Congress and 2009 European Society for Fuzzy Logic and Technology Conference, IFSA-EUSFLAT 2009 - Proceedings, pp. 1294-1298.

Annex 7. Referències per demanar com a congrés notable International Symposium on Underwater Technology (UT)

International Symposium on Underwater Technology (UT)
Guralnik, Z., Bourdelais, J., Zabalgogezcoa, X., Farrell, W.E. Wave-wave interactions and deep ocean acoustics (2013) Journal of the Acoustical Society of America, 134 (4), pp. 3161-3173. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84885391850&partnerID=40&md5=8eed49dd0e97ae02d689da737c1f09c9
Q2 (9/30) Acoustics (Font: JCR)
Stephen, R.A., Bromirski, P.D., Duennebie, F.K. The effects of local structure on seafloor ambient noise at the Hawaii-2 observatory (2007) International Symposium on Underwater Technology, UT 2007 - International Workshop on Scientific Use of Submarine Cables and Related Technologies 2007, art. no. 4231153, pp. 605-611.
Moyo, D., Anandjiwala, R.D. Studies on waterjet impact forces in the hydroentanglement process (2013) Textile Research Journal, 83 (16), pp. 1717-1727. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84887537998&partnerID=40&md5=19ec0677c9c10c62a6a91e1ef4716e5a
Q1 (3/22) Materials Science, Textiles (Font: JCR)
Katakura, K., Alain, P. Ultrasonic measurement method for transversal component of water flow velocity (2002) International symposium on underwater technology, pp. 45-48.
Hodge, L.E.W., Bell, J.T., Kumar, A., Read, A.J. The influence of habitat and time of day on the occurrence of odontocete vocalizations in Onslow Bay, North Carolina (2013) Marine Mammal Science, 29 (4), pp. E411-E427. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84885838395&partnerID=40&md5=4a8dcba2443bf776e9e8b4523972a2ab
Q1 (33/153) Zoology (Font: JCR) Q2 (38/103) Marine & Freshwater Biology (Font: JCR)
Wiggins, S.M., Hildebrand, J.A. High-frequency Acoustic Recording Package (HARP) for broad-band, long-term marine mammal monitoring (2007) International Symposium on Underwater Technology, UT 2007 - International Workshop on Scientific Use of Submarine Cables and Related Technologies 2007, art. no. 4231090, pp. 551-557.
Englot, B., Hover, F.S. Three-dimensional coverage planning for an underwater inspection robot (2013) International Journal of Robotics Research, 32 (9-10), pp. 1048-1073. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84884262136&partnerID=40&md5=ed9914ae1cf0c609bc55ceb62cdb58d9
Q1 (3/21) Robotics (Font: JCR)
Belcher, E. ; Hanot, W. ; Burch, J. Dual-Frequency Identification Sonar (DIDSON) (2002) Proceedings of the 2002 International Symposium on Underwater Technology, pp. 187 - 192
Nakamura, M., Asakawa, K., Hyakudome, T., Kishima, S., Matsuoka, H., Minami, T. Hydrodynamic coefficients and motion simulations of underwater glider for virtual mooring (2013) IEEE Journal of Oceanic Engineering, 38 (3), art. no. 6506952, pp. 581-597. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84880538110&partnerID=40&md5=b47e1d5aca6a5fa847e319e87b8901b6
Q2 (40/124) Engineering, Civil (Font: JCR)
Hegrenæs, Ø., Hallingstad, O., Jalving, B. Comparison of mathematical models for the HUGIN 4500 AUV based on experimental data (2007) International Symposium on Underwater Technology, UT 2007 - International Workshop on Scientific Use of Submarine Cables and Related Technologies 2007, art. no. 4231106, pp. 558-567.
Sun, F., Lan, A., Yu, C., El-Sheimy, N., Zhou, G., Cao, T., Liu, H. A robust self-alignment method for ship's strapdown ins under mooring conditions (2013) Sensors (Switzerland), 13

(7), pp. 8103-8139. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84879523915&partnerID=40&md5=44ce9b0de2560e1fd04bfc4798a6dce5
Q1 (10/57) Instruments & Instrumentation (Font: JCR)
Gaiffe, T., Cottreau, Y., Faussot, N., Hardy, G., Simonpietri, P., Arditty, H. Highly compact fiber optic gyrocompass for applications at depths up to 3000 meters (2000) Proceedings of the 2000 International Symposium on Underwater Technology, pp. 155-160.
Audo, F., Perhirin, S., Quintard, V., Guegan, M., Perennou, A., Auffret, Y. Raman amplification in an optically high-powered data link dedicated to a 10 km long extension for submarine cabled observatories (2013) Journal of Optics (United Kingdom), 15 (5). Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84878273810&partnerID=40&md5=139a5f104002f2fab19a2aad7eb964cc
Q2 (23/83) Optics (Font: JCR)
Valdy, P. ; Ciausiu, V. ; Leon, P. ; Moriconi, P. ; Rigaud, V. ; Hello, Y.; Charvis, P. ; Deschamps, A. ; Sillans, C. Deep sea net: An affordable, and expandable solution for deep sea sensor networks (2007) International Symposium on Underwater Technology, UT 2007 - International Workshop on Scientific Use of Submarine Cables and Related Technologies 2007, art. no. 4231186, pp. 172-175.
Nakano, M., Nakamura, T., Kamiya, S., Ohori, M., Kaneda, Y. Intensive seismic activity around the Nankai trough revealed by DONET ocean-floor seismic observations (2013) Earth, Planets and Space, 65 (1), pp. 5-15. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84876279614&partnerID=40&md5=6bfc966d0a4a43f7a477b8102563b15b
Q1 (27/174) Geosciences, Multidisciplinary (Font: JCR)
Kawaguchi, K., Araki, E., Kaneko, S., Nishida, T., Komine, T. Subsea engineering ROV and seafloor observatory construction (2011) Proceedings of International Symposium on Underwater Technology 2011/International Workshop on Scientific Use of Submarine Cables and Related Technologies 2011, pp. 1-6.
Wu, Y., Pan, X. Velocity/position integration formula part I: Application to in-flight coarse alignment (2013) IEEE Transactions on Aerospace and Electronic Systems, 49 (2), art. no. 6494395, pp. 1006-1023. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84876130385&partnerID=40&md5=5278dcf019221b60f7cf0bc702de39af
Q1 (2/28) Engineering, Aerospace (Font: JCR)
Gaiffe, T. ; Cottreau, Y. ; Faussot, N. ; Hardy, G. ; Simonpietri, P. ;Arditty, H. Highly compact fiber optic gyrocompass for applications at depths up to 3000 meters (2000) Proceedings of the 2000 International Symposium on Underwater Technology, pp. 155-160.
Ramezani, H., Jamali-Rad, H., Leus, G. Target localization and tracking for an isogradient sound speed profile (2013) IEEE Transactions on Signal Processing, 61 (6), art. no. 6387620, pp. 1434-1446. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84874987618&partnerID=40&md5=28953ec69e92991a127531b95b1f23b3
Q1 (23/248) Engineering, Electrical & Electronic (Font: JCR)
Lee, P.-M., Kim, S.-M., Jeon, B.-H., Choi, H.T., Lee, C.-M. Improvement on an inertial-doppler navigation system of underwater vehicles using a complementary range sonar (2004) 2004 International Symposium on Underwater Technology, UT'04 - Proceedings, pp. 133-138.

Annex 8. Referències per demanar com a congrés notable Referències International Work-Conference on Artificial Neural Networks (IWANN)

International Work-Conference on Artificial Neural Networks (IWANN)
Sheikhan, M., Garoucy, S. Substitution of G.728 vocoder's codebook search module with SOM array trained by PSO-optimized supervised algorithm (2013) Neural Computing and Applications, 23 (7-8), pp. 2309-2321. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84887440735&partnerID=40&md5=3866d4d0390dc709e95b45ebbca29a3c
Q2 (40/121) Computer Science, Artificial Intelligence (Font: JCR)
Faundez, M. Adaptive Hybrid Speech Coding with a MLP/LPC Structure (1999) The Proceedings of the International Work-conference On Artificial and Natural Neural Networks, 11, pp. 814-823.
López, V., Fernández, A., García, S., Palade, V., Herrera, F. An insight into classification with imbalanced data: Empirical results and current trends on using data intrinsic characteristics (2013) Information Sciences, 250, pp. 113-141. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84883447718&partnerID=40&md5=e8c452a7bfb5a54d5e188b4ed6ff6d56
Q1 (8/135) Computer Science, Information Systems (Font: JCR)
Alaiz-Rodríguez, R., Guerrero-Curienes, A., Cid-Sueiro, J. Improving Classification under Changes in Class and Within-Class Distributions (2009) Proceedings of the 10th International Work-Conference on Artificial Neural Networks (IWANN '09), pp. 122-130.
Saeed, M., Javed, K., Atique Babri, H. Machine learning using Bernoulli mixture models: Clustering, rule extraction and dimensionality reduction (2013) Neurocomputing, 119, pp. 366-374. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84881552661&partnerID=40&md5=98ea691320de498d7e8971e1b6361302
Q1 (28/121) Computer Science, Artificial Intelligence (Font: JCR)
Tikka, J., Hollmen, J., Myllykangas, S. Mixture Modeling of DNA Copy Number Amplification Patterns in Cancer (2007) Proceedings of the 9th International Work-Conference on Artificial Neural Networks (IWANN' 2007), pp. 972-979.
Basurko, O.C., Gabiña, G., Uriondo, Z. Energy performance of fishing vessels and potential savings (2013) Journal of Cleaner Production, 54, pp. 30-40. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84879841180&partnerID=40&md5=9712a06879974cf4ebd750fbd3f5f92d
Q1 (9/46) Engineering, Environmental (Font: JCR)
Q1 (29/216) Environmental Sciences (Font: JCR)
Villarroya, S., Otero, M.J., Romero, L., Cotos, J.C., Pita, V. Modular and Scalable Multi-interface Data Acquisition Architecture Design for Energy Monitoring in Fishing Vessels (2009) Proceedings of the 10th International Work - Conference on Artificial Neural Networks: Part II: Distributed Computing, Artificial Intelligence, Bioinformatics, Soft Computing, and Ambient Assisted Living, pp. 531-538.
Qasem, S.N., Shamsuddin, S.M., Hashim, S.Z.M., Darus, M., Al-Shammari, E. Memetic multiobjective particle swarm optimization-based radial basis function network for classification problems (2013) Information Sciences, 239, pp. 165-190. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84876937656&partnerID=40&md5=6b16eee906352a9642f080bc169e3a9b
Q1 (8/135) Computer Science, Information Systems (Font: JCR)
García-Pedrajas, N., Sanz-Tapia, E., Ortiz-Boyer, D., Hervás-Martínez, C. Introducing Multi-objective Optimization in Cooperative Coevolution of Neural Networks (2001) Proceedings of 6th International Work-Conference of Artificial Natural Neural

Network, pp. 645-652.
Soua, B., Borgi, A., Tagina, M. An ensemble method for fuzzy rule-based classification Systems (2013) Knowledge and Information Systems, 36 (2), pp. 385-410. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84880057779&partnerID=40&md5=8ac1a7038293e1f0b4961a38d31eba59
Q1 (21/121) Computer Science, Artificial Intelligence (Font: JCR) Q1 (15/135) Computer Science, Information Systems (Font: JCR)
Verleysen, M., François, D., Simon, G. On the Effects of Dimensionality on Data Analysis with Neural Networks (2003) International work-conference on artificial and natural neural networks, pp. 105-112.
Bossio, J.M., De Angelo, C.H., Bossio, G.R. Self-organizing map approach for classification of mechanical and rotor faults on induction motors (2013) Neural Computing and Applications, 23 (1), pp. 41-51. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84879840426&partnerID=40&md5=0bcb3ba44ca04dbf2c1959c7eb698976
Q1 (40/121) Computer Science, Artificial Intelligence (Font: JCR)
Germen, E., Gökhan, E.D., Gerek, Ö.N. Self Organizing Map (SOM): Approach for Classification of Mechanical Faults in Induction Motors (2007) International work-conference on artificial neural networks, pp. 855-861
Eguizabal, A., Laughney, A.M., García-Allende, P.B., Krishnaswamy, V., Wells, W.A., Paulsen, K.D., Pogue, B.W., Lopez-Higuera, J.M., Conde, O.M. Direct identification of breast cancer pathologies using blind separation of label-free localized reflectance measurements (2013) Biomedical Optics Express, 4 (7), pp. 1104-1118. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84879260442&partnerID=40&md5=f0b4536efde1b011adbf9e070030d010
Q2 (23/78) Biochemical Research Methods (Font: JCR) Q1 (7/83) Optics (Font: JCR) Q1 (20/122) Radiology, Nuclear Medicine & Medical Imaging (Font: JCR)
Gallardo-Caballero, R., García-Orellana, C.J., González-Velasco, H.M., Macías-Macías, M. Independent Component Analysis Applied to Detection of Early Breast Cancer Signs (2007) Proceeding of 9th International Work-Conference on Artificial Neural Networks, pp. 988-995
Albert, M.V., McCarthy, C., Valentin, J., Herrmann, M., Kording, K., Jayaraman, A. Monitoring Functional Capability of Individuals with Lower Limb Amputations Using Mobile Phones (2013) PLoS ONE, 8 (6), art. no. e65340. Disponible a : http://www.scopus.com/inward/record.url?eid=2-s2.0-84878646840&partnerID=40&md5=562c992edc49326bb6e14658de14299d
Q1 (8/55) Multidisciplinary Sciences (Font: JCR)
Brezmes, T., Gorricho, J.L., Cotrina, J. Activity Recognition from Accelerometer Data on a Mobile Phone (2009) IWANN '09 Proceedings of the 10th International Work-Conference on Artificial Neural Networks: Part II: Distributed Computing, pp. 796-799
Alvarez-Alvarez, A., Alonso, J.M., Trivino, G. Human activity recognition in indoor environments by means of fusing information extracted from intensity of WiFi signal and accelerations (2013) Information Sciences, 233, pp. 162-182. Disponible a : http://www.scopus.com/inward/record.url?eid=2-s2.0-84875217988&partnerID=40&md5=f8816b8c14cc0eb4a57411ac037b6aec
Q1 (8/135) Computer Science, Information Systems (Font: JCR)
Blasco, R., Marco, A., Casas, R., Ibarz, A., Coarasa, V., Asensio, A. Indoor Localization Based on Neural Networks for Non-dedicated ZigBee Networks in AAL (2009) Proceedings of the 10th International Work-Conference on Artificial Neural Networks (IWANN 2009), pp. 1113-1120

Annex 9. Referències per demanar com a congrés notable International Electrical Vehicle Symposium and Exhibition (EVS)

International Electrical Vehicle Symposium and Exhibition (EVS)
Hou, D., Hu, X., Wen, Y., Shan, B., Hu, P., Xiong, X., Qiao, Y., Huang, Y. Electrospun sillenite Bi ₁₂ MO ₂₀ (M = Ti, Ge, Si) nanofibers: General synthesis, band structure, and photocatalytic activity (2013) Physical Chemistry Chemical Physics, 15 (47), pp. 20698-20705. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84887878389&partnerID=40&md5=8cf9554c282de7bed01a63d6fdb97db4
Q1 (33/136) Chemistry, Physical (Font: JCR) Q1 (5/33) Physics, Atomic, Molecular & Chemical (Font: JCR)
Chien, S.-H., Lin, C.-H., Lin, P.-C. Designs and implementation for an advanced automated manual transmission system of hybrid electric vehicles (2009) 24th International Battery, Hybrid and Fuel Cell Electric Vehicle Symposium and Exhibition 2009, EVS 24, 2, pp. 872-878.
Wu, D., Aliprantis, D.C. Modeling light-duty plug-in electric vehicles for national energy and transportation Planning (2013) Energy Policy, 63, pp. 419-432. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84887184732&partnerID=40&md5=90f9ac891f2596d186b00a6ba9585cdd
Q2 (62/126) Environmental Sciences (Font: JCR)
Duoba, M., Carlson, R., Wu, J. Test Procedures and Benchmarking: Blended-Mode and EV-Capable Plug-In Hybrid Electric Vehicles (2007) 23rd International Electric Vehicle Symposium and Exhibition: Sustainability - The future of transportation, Anaheim, CA, pp. 1923-1941
Shen, W., Jiang, J., Su, X., Karimi, H.R. Energy-saving analysis of hydraulic hybrid excavator based on common pressure rail (2013) The Scientific World Journal, 2013, art. no. 560694. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84886542929&partnerID=40&md5=4316e9d0bd2958255c5e8cdf99b67b06
Q2 (16/55) Multidisciplinary Sciences (Font: JCR)
Lee, D., Kim, N., Seo, H., Cha, S.W., Lim, W. Fuel consumption analysis of hybrid excavator using electric swing motor (2009) 24th International Battery, Hybrid and Fuel Cell Electric Vehicle Symposium and Exhibition 2009, EVS 24, 2, pp. 879-886.
Hou, D., Hu, X., Hu, P., Zhang, W., Zhang, M., Huang, Y. Bi ₄ Ti ₃ O ₁₂ nanofibers-BiOI nanosheets p-n junction: Facile synthesis and enhanced visible-light photocatalytic activity (2013) Nanoscale, 5 (20), pp. 9764-9772.. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84884846948&partnerID=40&md5=037bd919a37ca9e303ff993245ee5356
Q1 (19/148) Chemistry, Multidisciplinary (Font: JCR) Q1 (20/251) Materials Science, Multidisciplinary (Font: JCR) Q1 (12/73) Nanoscience & Nanotechnology (Font: JCR) Q1 (14/136) Physics, Applied (Font: JCR)
Chien, S.-H., Lin, C.-H., Lin, P.-C. Designs and implementation for an advanced automated manual transmission system of hybrid electric vehicles (2009) 24th International Battery, Hybrid and Fuel Cell Electric Vehicle Symposium and Exhibition 2009, EVS 24, 2, pp. 872-878.
Xu, S., Feng, D., Lu, W., Zhao, S., Ma, C., Tan, D., Shanguan, W. Preparation and photocatalytic properties of magnetically separable photocatalyst nanospheres with egg-type structure by electrostatic self-assembly technique (2013) Science of Advanced Materials, 5 (8), pp. 987-993. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84884315355&partnerID=40&md5=e5424d4284be80e0fe639e800340bdb2

<p>Q1 (45/251) Materials Science, Multidisciplinary (Font: JCR) Q1 (26/136) Physics, Applied (Font: JCR)</p>
<p>Chien, S.-H., Lin, C.-H., Lin, P.-C. Designs and implementation for an advanced automated manual transmission system of hybrid electric vehicles (2009) 24th International Battery, Hybrid and Fuel Cell Electric Vehicle Symposium and Exhibition 2009, EVS 24, 2, pp. 872-878.</p>
<p>Cai, T., Wang, Y., Dong, Y., Li, X., Liu, Z., Yan, Z. Synthesis of hierarchically ordered egg-tray-like macroporous TiO₂-SiO₂ nanocomposites with ordered mesoporous walls (2013) Materials Letters, 111, pp. 173-176. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84884317183&partnerID=40&md5=daa65fed65540c5ae1260337ccea490a</p>
<p>Q1 (61/251) Materials Science, Multidisciplinary (Font: JCR) Q1 (37/136) Physics, Applied (Font: JCR)</p>
<p>Chien, S.-H., Lin, C.-H., Lin, P.-C. Designs and implementation for an advanced automated manual transmission system of hybrid electric vehicles (2009) 24th International Battery, Hybrid and Fuel Cell Electric Vehicle Symposium and Exhibition 2009, EVS 24, 2, pp. 872-878.</p>
<p>Parlett, C.M.A., Keshwala, P., Wainwright, S.G., Bruce, D.W., Hondow, N.S., Wilson, K., Lee, A.F. Hierarchically ordered nanoporous Pd/SBA-15 catalyst for the aerobic selective oxidation of sterically challenging allylic alcohols (2013) ACS Catalysis, 3 (9), pp. 2122-2129. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84883855605&partnerID=40&md5=166c37e0c660ee914140b39c4e387dd1</p>
<p>Q1 (15/136) Chemistry, Physical (Font: JCR)</p>
<p>Chien, S.-H., Lin, C.-H., Lin, P.-C. Designs and implementation for an advanced automated manual transmission system of hybrid electric vehicles (2009) 24th International Battery, Hybrid and Fuel Cell Electric Vehicle Symposium and Exhibition 2009, EVS 24, 2, pp. 872-878.</p>
<p>Wu, M., Zheng, A., Deng, F., Su, B.-L. Significant photocatalytic activity enhancement of titania inverse opals by anionic impurities removal in dye molecule degradation (2013) Applied Catalysis B: Environmental, 138-139, pp. 219-228. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84875592351&partnerID=40&md5=ded269bd597a3b6b3106b7878cd27a90</p>
<p>Q1 (24/136) Chemistry, Physical (Font: JCR) Q1 (5/133) Engineering, Chemical (Font: JCR) Q1 (1/46) Engineering, Environmental (Font: JCR)</p>
<p>Chien, S.-H., Lin, C.-H., Lin, P.-C. Designs and implementation for an advanced automated manual transmission system of hybrid electric vehicles (2009) 24th International Battery, Hybrid and Fuel Cell Electric Vehicle Symposium and Exhibition 2009, EVS 24, 2, pp. 872-878.</p>
<p>Ramachandran, B., Srivastava, S.K., Cartes, D.A. Intelligent power management in micro grids with EV penetration (2013) Expert Systems with Applications, 40 (16), pp. 6631-6640. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84880079550&partnerID=40&md5=c87aaf61874d0b3eb3acc71c5973c333</p>
<p>Q1 (30/121) Computer Science, Artificial Intelligence (Font: JCR) Q1 (11/79) Operations Research & Management Science (Font: JCR)</p>
<p>Peças Lopes, J.A., Soares, F.J., Almeida, P.M.R., Da Silva, A.M.M. Smart Charging Strategies for Electric Vehicles: Enhancing Grid Performance and Maximizing the Use of Variable Renewable Energy Resources (2009) Proceedings of the 24th International Battery Hybrid Fuel Cell Electric Vehicle Symposium and Exhibition, pp. 1-11</p>
<p>Larriba, T., Garde, R., Santarelli, M. Fuel cell early markets: Techno-economic feasibility study of PEMFC-based drivetrains in materials handling vehicles (2013) International Journal</p>



of Hydrogen Energy, 38 (5), pp. 2009-2019. Disponible a: http://www.scopus.com/inward/record.url?eid=2-s2.0-84874111011&partnerID=40&md5=d7a3d821e8cdfc96176537f3e47d881a
Q2 (7/27) Electrochemistry (Font: JCR)
Van Sterkenburg, S., Veenhuizen, P.A. Power losses and efficiency of a fuel cell hybrid aircraft baggage tractor (2010) Proceedings of the EVS25 International Battery, Hybrid and Fuel Cell Electric Vehicle Symposium and Exhibition Nov 5-9; Shenzhen (China)

ⁱ Base de dades bibliogràfica i bibliomètrica. Conté: referències i resums d'autor d'articles de revista, ponències de congressos i índexs de citacions. Aglutina al Science Citation Expanded, Social Sciences Citation Index, Conference Proceedings Citation Index i l'Arts & Humanities Citation Index. Recull aproximadament registres de 8.500 revistes. Útil per saber el nombre de cites que rep un article, l'índex h d'un autor determinat i per generar informes d'anàlisi de cites.

ⁱⁱ Base de dades produïda per Elsevier que recull gairebé 15.000 publicacions d'unes 4.000 editorials internacionals. Les disciplines que cobreix són: química, física, matemàtiques, enginyeria, ciències de la salut, ciències socials, psicologia, economia, biologia, agricultura i ciències del medi ambient. Scopus permet conèixer el nombre de vegades que un article ha estat citat d'una manera similar al Web of Science, també permet cercar recursos web i patents a través del motor de cerca Scirus. Utilitza els indicadors SJR, SNIP i calcula l'índex h.

ⁱⁱⁱ Finalment no s'analitzen 6 referències atès que corresponen a treballs amb data de publicació 2011, 2012 o 2014 o revisions d'articles de tercers:

Andrada Gascon, P. et al. Novel type of hybrid reluctance motor drive. *IEEE transactions on industrial electronics*. Institute of Electrical and Electronics Engineers (IEEE),

Boza Rocho, S. Atomic Hardy-type spaces between H^1 and L^1 on metric spaces with non-doubling measures. *Acta mathematica sinica, english series*. Vol. 27, núm. 12, p. 2445-2468

Boza Rocho, S. Asymptotical stability of Muckenhoupt weights through Gurov-Reshetnyak classes. *Transactions of the American Mathematical Society*. Vol. 364, núm. 12, p. 6671-6687.

Boza Rocho, S. The Hardy-Littlewood maximal type operators between Banach function spaces. *Indiana University mathematics journal*. Vol. 61, núm. 3, p. 883-900.

Boza Rocho, S. Review of the paper: Lin, Chin-Cheng; Lin, Ying-Chieh. Hilbert transform characterization and Fefferman-Stein decomposition for Triebel-Lizorkin spaces. *Mich. Math. J.* 62, No. 4, 691-703 (2013). *Zentralblatt für Mathematik und ihre Grenzgebiete*. 2013,

Guardia Rubies, J. Review of the paper «Genus 2 curves with complex multiplication». *Mathematical reviews*.

Així mateix es consideren duplicats i per això solament s'analitzen una vegada les següents presentacions a congressos:

Characterization of proteoic changes on the statocyst endolymph for the assessment of acoustic trauma on common cuttlefish (*Sepia officinalis*);

i

Characterization of protein changes on the statocyst endolymph for the assessment of acoustic trauma on common cuttlefish (*Sepia officinalis*).

Mixing local and distributed reactive power control for balancing inverters' effort in grid-connected photovoltaic systems;

i

Mixing local and distributed reactive power control for balancing inverters' effort in grid-connected photovoltaic systems

^{iv} A 31 de maig de 2015