

TRAINING IN RESEARCH AND RESULTS TRANSFER

YOUR DOCTORAL THESIS:
**VISIBILITY AND IMPACT
INDICATORS**



ENGINY20
6è Pla estratègic
de les biblioteques UPC
2015-2020



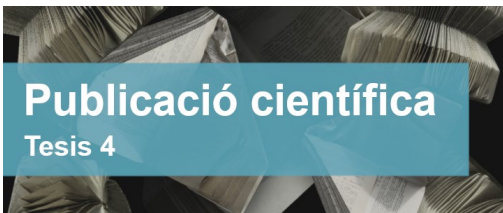
April 2022



UNIVERSITAT POLITÈCNICA DE CATALUNYA
BARCELONATECH

Servei de Biblioteques, Publicacions i Arxius

YOUR DOCTORAL THESIS



1. **Visibility of researchers**

- 1.1. Signature and institutional affiliation
- 1.2. Authors identifiers: ORCID, ResearcherID, Scopus Author ID
- 1.3. Repositories and FUTUR
- 1.4. Social media and academic networks for research

2. **Evaluation and impact of scientific activity**

- 2.1. Authors and articles impact indicators: citations, *h*-index
- 2.2. Alternative metrics: use, downloads, visits, social networks
- 2.3. Assessment and accreditation



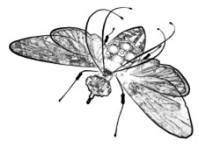
At the end of the workshop, participants will know:

- ✓ How to properly sign publications
- ✓ How to use key authors identifiers (ORCID, etc.)
- ✓ More about UPCommons, the UPC's institutional repository, subject and data repositories and FUTUR, the website for the scientific output of UPC researchers
- ✓ How to make research more visible using social media and academic social networks
- ✓ More about authors and articles impact indicators and alternative metrics



1. Visibility of researchers





1. Visibility of researchers

Publish...



or Perish

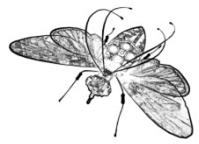


Visible...



or Vanish





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1. Visibility of researchers

During a study and once the article has been published, it is very important to maximise the visibility of what we are doing or what we have already done.

- + Social impact
- + Citations

Plan your digital identity!

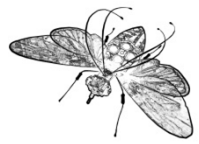
Com millorar l'impacte de la recerca : gestió de la identitat digital

7 de febrer 2019

ENGINY20
6è Pla estratègic de les Biblioteques UPC
2015-2020

UNIVERSITAT POLITÈCNICA DE CATALUNYA
BARCELONATESOR
Institut de Ciències de l'Educació

UNIVERSITAT POLITÈCNICA DE CATALUNYA
BARCELONATESOR
Serret de Biblioteques, Publicacions i Arxius



1. Visibility of researchers

PRIOR TO PUBLICATION



- Signature and institutional affiliation
- Author identifiers
- Open access

DURING PUBLICATION

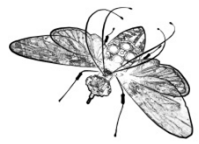


- UPCommons
- Thematic repositories
- Data repositories

AFTER PUBLICATION



- Review of database indexing
- Social media sites
- Academic social networks
- Repositories and Futur



1. Visibility of researchers

1.1. Signature and institutional affiliation

**PRIOR TO
PUBLICATION**



Use of various forms of a name

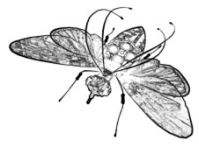
- Citations received
- Visibility
- Retrieval of information in databases



Authors with the same or similar names:

- Could be difficult to differentiate
- The names could lead to errors

<http://bibliotecnica.upc.edu/investigadors/signatura-filiacio-institucional>



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1. Visibility of researchers

1.1. Signature and institutional affiliation

PRIOR TO PUBLICATION



Juan Pérez



J. Pérez



Juan R. Pérez



Juan Ramón Pérez



Juan R. Pérez López

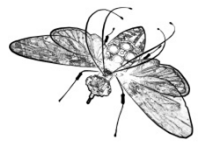


J. R. Pérez López



Juan Pérez López





1. Visibility of researchers

1.1. Signature and institutional affiliation

How can we avoid problems with our scientific signature?

PRIOR TO PUBLICATION



1

Keep the same signature during our academic careers.

3

Include author identifiers such as ORCID.

2

Choose a format that will be interpreted correctly by databases.

4

Include the institutional affiliation correctly.

Ivette Maria Rodríguez Pérez



Pérez, Ivette Maria Rodríguez

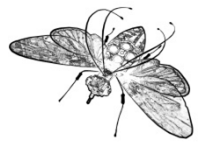


Ivette-Maria Rodríguez-Pérez



Rodríguez-Pérez, Ivette-Maria

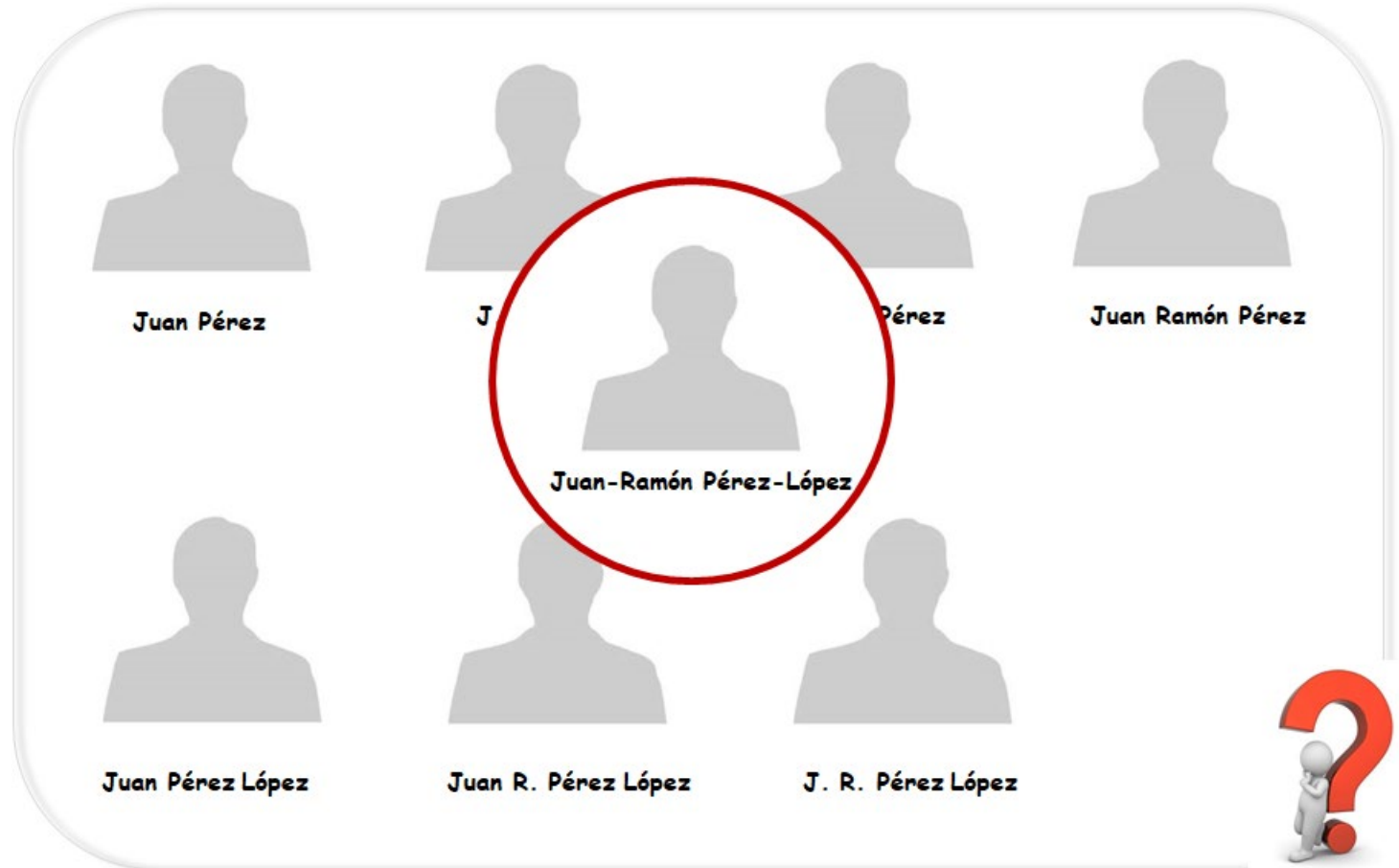


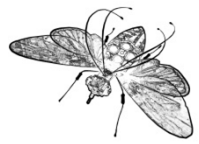


1. Visibility of researchers

1.1. Signature and institutional affiliation

PRIOR TO PUBLICATION





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1. Visibility of researchers

1.1. Signature and institutional affiliation

PRIOR TO
PUBLICATION



Institutional affiliation

- 
1. Department
 2. Research group
 3. Research institute
 4. Research laboratory
 5. Research centre
 6. Chair
 7. University service
 8. Teaching centre

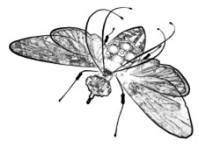
Standardised
name

Complete and
abbreviated form

+

Universitat Politècnica de Catalunya (UPC)

Postal address



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1. Visibility of researchers

1.1. Signature and institutional affiliation

**PRIOR TO
PUBLICATION**



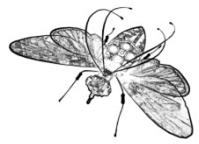
Joan-Ramón Pérez-López¹, Pere González-Miró²

¹ Departament de Mecànica de Fluids (MF), Escola Superior d'Enginyeries Industrial, Aeronàutica i Audiovisual de Terrassa (ESEIAAT), Universitat Politècnica de Catalunya (UPC), Ed. TR4, C. Colom, 11, 08222 Terrassa, Spain.

² Departament d'Enginyeria Mecànica (EM), Laboratori d'Enginyeria Acústica i Mecànica (LEAM), Escola Superior d'Enginyeries Industrial, Aeronàutica i Audiovisual de Terrassa (ESEIAAT), Universitat Politècnica de Catalunya (UPC), Ed. TR45, C. Colom, 11, 08222 Terrassa, Spain.

Nomenclatura UPC

<https://www.upc.edu/slt/nomenclatura-upc>



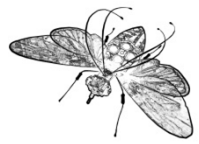
ENGINY20

1. Visibility of researchers

1.2. Author identifiers

PRIOR TO
PUBLICATION





1. Visibility of researchers

1.2. Author identifiers

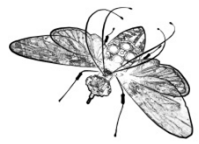
PRIOR TO
PUBLICATION



What are the advantages of unique identifiers?

- ✓ Standardise the name and institutional affiliation
- ✓ Correct identification errors in the author's name and affiliation
- ✓ Guarantee the unequivocal identification of your scientific and technical output
- ✓ Facilitate the retrieval and dissemination of publications
- ✓ Link referenced research activities in different information systems
- ✓ Obtain new tools for identification in cycles of scientific work such as submission of articles to publishers
- ✓ Avoid subsequent errors in derived bibliometrics (*h*-index, citation reports, altmetric data, etc.)

Is it necessary to have three identifiers?



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1. Visibility of researchers

1.2. Author identifiers

PRIOR TO PUBLICATION



Buscar 🔍 ⚙️ Español

ORCID
Conectando a los investigadores con la investigación

EDIT YOUR RECORD ABOUT ORCID CONTACT US HELP

We want

Tzanko Tzanov

ORCID ID
ID orcid.org/0000-0002-8568-1110

Otras ID

Scopus Author ID: 35588105600
ResearcherID: F-1140-2016

▼ Educación (1)

University of Chemical Technology and Metallurgy: Sofia, Bulgaria
1999-01-26

PhD (Textile and polymer technology)

Fuente: Tzanko Tzanov Creado: 2015-05-27

▼ Empleo (2) Ordenar

Universitat Politècnica de Catalunya: Barcelona, Catalunya, España
2005-03 hasta la fecha

Professor (Chemical Engineering)

Fuente: Tzanko Tzanov Creado: 2015-05-27

Universidade do Minho Escola de Engenharia: Guimaraes, Portugal
1999-01 hasta 2004-02-01

post-doc researcher (Textile engineering department)

Fuente: Tzanko Tzanov Creado: 2016-07-26

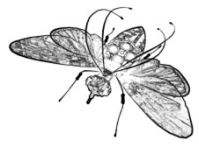
▼ Obras (97) Ordenar

Correction to Multifunctional Enzymatically Generated Hydrogels for Chronic Wound Application

Biomacromolecules
2017-06-12 | journal-article
DOI: [10.1021/acs.biomac.7b00681](https://doi.org/10.1021/acs.biomac.7b00681)

Open Researcher and Contributor ID is unique and persistent identifier, comprised of 16 digits.

<http://orcid.org/>



1. Visibility of researchers

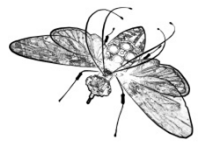
1.2. Author identifiers

PRIOR TO
PUBLICATION



Why should you register with ORCID?

- ✓ **Eliminate ambiguity in your name**, differentiate yourself from other authors and ensure **correct attribution** of publications
- ✓ **Ensure the visibility** of publications
- ✓ **Minimize the time** spent entering the same data repeatedly
- ✓ Link our register with **other information systems** (WOS ResearchID, Scopus Author ID, etc.)
- ✓ **Identify yourself in the work cycles** of scientific communication (submission of articles to publishers)
- ✓ A requirement to appear in the **Catalan Research Portal (PRC)**: <http://portalrecerca.csuc.cat/>
- ✓ An identifier that is required to **participate in calls and grants** in Spain and internationally (H2020, AEI call, SGR 2017-2019, etc.)



1. Visibility of researchers

1.2. Author identifiers

PRIOR TO PUBLICATION



What can you do with ORCID to increase visibility?

- ✓ Add ORCID to DRAC
- ✓ Add ORCID to your email signature
- ✓ Add ORCID to your personal website, or the website of your research group
- ✓ Add ORCID to the profile of Google Scholar/profile of social academic networks
- ✓ Enable ORCID to be linked to Scopus and the Web of Science
- ✓ **Sign** your scientific output

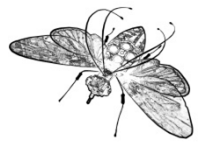
Maria Albareda Sambola

ORCID ID: 0000-0002-7666-6218

Department of Statistics and Operations Research (EIO),
Terrassa School of Industrial, Aerospace and Audiovisual Engineering
(ESEIAAT),

Universitat Politècnica de Catalunya (UPC),

Ed. TR5, C. Colom, 11, 08222 Terrassa, Spain

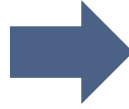


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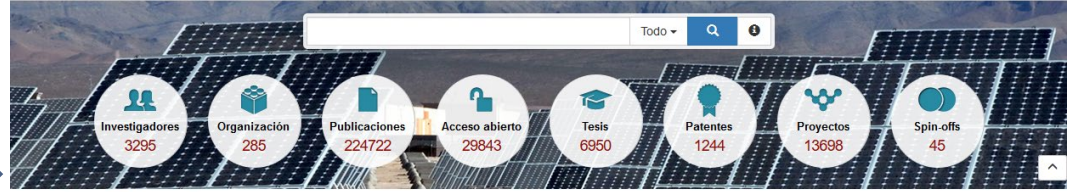
1. Visibility of researchers

1.2. Author identifiers

PRIOR TO PUBLICATION



FUTUR. Portal de la Producció Científica de los Investigadores de la UPC



Estás en: Inicio / Rincón personal / Fernández Alarcón, Vicenç

Fernández Alarcón, Vicenç

Total de actividades: 149



Áreas de especialidad	Análisis de Datos, Análisis de Decisiones, Ciencias Sociales, Ciencias de la Computación, Gestión, Psicología
Titulación universitaria	Ingenier en Electrónica Ingeniero Técnico de Telecomunicación, especialidad en Sistemas Electrónicos
Doctorado	Doctor per la Universitat Politècnica de Catalunya
Grupo de investigación	GRO - Grup de recerca en organització
Departamento	Departamento de Organización de Empresas
Centro docente	Escola Superior d'Enginyeries Industrial, Aeroespacial i Audiovisual de Terrassa (ESEIAAT) Escola de Ingeniería de Telecomunicación y Aeroespacial de Castelldefels (EETAC)
Correo electrónico	vicenc.fernandez@upc.edu
Datos de contacto	Director de la UPC
Orcid	0000-0001-5187-5024
ResearcherID	F-5652-2010
Scopus Author ID	25931431300
Enlaces de interés	Personal Website



PRC Portal de la Recerca de Catalunya

Inicio Sobre el PRC Preguntas más frecuentes Contacto Idioma

Buscar por... En todo el portal

Universidades y Centros de investigación | Departamentos, Institutos y Áreas | Proyectos de investigación | Grupos de investigación | Investigadores | Publicaciones | Tesis

< Volver atrás

Fernandez Alarcon, Vicenç

> Perfil > Departamentos, Institutos y Áreas > Proyectos > Grupos > Publicaciones > Tesis

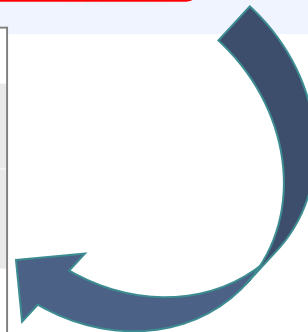
Apellidos, Nombre: Fernandez Alarcon, Vicenç

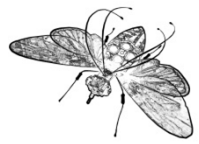
Firma: Fernandez, V.

d/e: vicenc.fernandez@upc.edu

ORCID: 0000-0001-5187-5024

Universidades o Centros de investigación: Universitat Politècnica de Catalunya





ENGINY20

1. Visibility of researchers

1.2. Author identifiers

PRIOR TO PUBLICATION



<https://publons.com/>

- ✓ WoS ResearcherID is an author identification service provided by Web of Science.
- ✓ It is consulted from the Publons platform, which forms part of the Web of Science of Clarivate Analytics.
- ✓ You need to register, you will receive an individual identifying number that will differentiate you from other researchers.

Juan J. Nieto

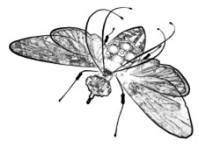
Web of Science ResearcherID[®]
B-1729-2010

JN

Highly cited Top peer reviewer

University of Santiago De Compostela

PUBLICATIONS	TOTAL TIMES CITED	H-INDEX	VERIFIED REVIEWS
304	11,227	55 [®]	73



1. Visibility of researchers

1.2. Author identifiers

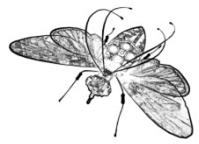
PRIOR TO
PUBLICATION



What does WoS Researcher ID offer?

- ✓ Create an author profile (public or private)
- ✓ Create and maintain a list of publications
- ✓ Generate metrics for Web of Science works: *h*-index, distribution of citations per year, total number of times cited, average citations received
- ✓ Seek potential collaborators based on the profiles that are created (does not require a subscription to Web of Science)
- ✓ Associate WoS ResearcherID with the ORCID identifier

Web of Science
ResearcherID



1. Visibility of researchers

1.2. Author identifiers

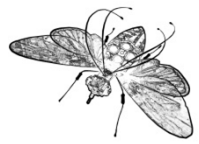
PRIOR TO PUBLICATION



Register for Web of Science ResearcherID

- ✓ Go to <https://publons.com/>.
- ✓ If you already have an old ResearcherID account, your profile will have been imported to Publons, and you will have kept the same number.
- ✓ If you do not have WoS ResearcherID, you need to create an account in Publons and import one or more publications from Web of Science.
- ✓ You will receive an email with your identifying code.
- ✓ From your profile, you can complete your data, add new publications or incorporate WoS ResearcherID and ORCID.
- ✓ From Web of Science, you could look for your publications and import them directly to your Publons profile.

More information: [FAQ of Publons](#)



1. Visibility of researchers

1.2. Author identifiers

PRIOR TO PUBLICATION



Author ID generates an identifier for each author who has publications in the database.

- ✓ Automatic allocation
- ✓ Profile only available for Scopus subscribers
- ✓ By carrying out an Author search, you can access all the information on this author: other forms of the name, references, *h*-index, etc.

Scopus

Gamez-Montero, P. J. [Follow this Author](#) [h-index: 13](#) [View h-graph](#)

Universitat Politècnica de Catalunya, Campus de Terrassa, Barcelona, Spain [View potential author matches](#)

Author ID: 56151783300

<http://orcid.org/0000-0002-5168-3521>

Other name formats: [Gamez Montero, P. J.](#) [Gámez-Montero, Pedro J.](#) [Gamez-Montero, P. Javier](#) [Gamez-Montero, Pedro J.](#) [Gamez-Montero, P. J.](#) [Gamez-Montero, P. Javier](#) [Gamez-Montero, Pedro Javier](#) [Gámez-Montero, P. J.](#)

Subject area: [Engineering](#) [Energy](#) [Computer Science](#) [Physics and Astronomy](#) [Materials Science](#) [Mathematics](#) [Chemical Engineering](#) [Earth and Planetary Sciences](#) [Environmental Science](#)

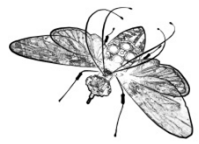
Top SciVal Topic: [Gears](#) | [Pumps](#) | [oil pump](#)

Document and citation trends:

Year	Documents	Citations
2009	8	1
2010	2	2
2011	1	3
2012	3	5
2013	1	4
2014	2	3
2015	4	6
2016	3	7
2017	8	10
2018	3	8
2019	1	1

Documents by author: 39 [Analyze author output](#)

Total citations: 8 by 240 documents [View citation overview](#)



ENGINY20

1. Visibility of researchers

1.2. Author identifiers

Scopus

SCOPUS Author ID

Documents Authors Affiliations

1

Search using: Author name

Enter last name *
roca-cladera

All Show documents View citation overview Request to merge authors

2

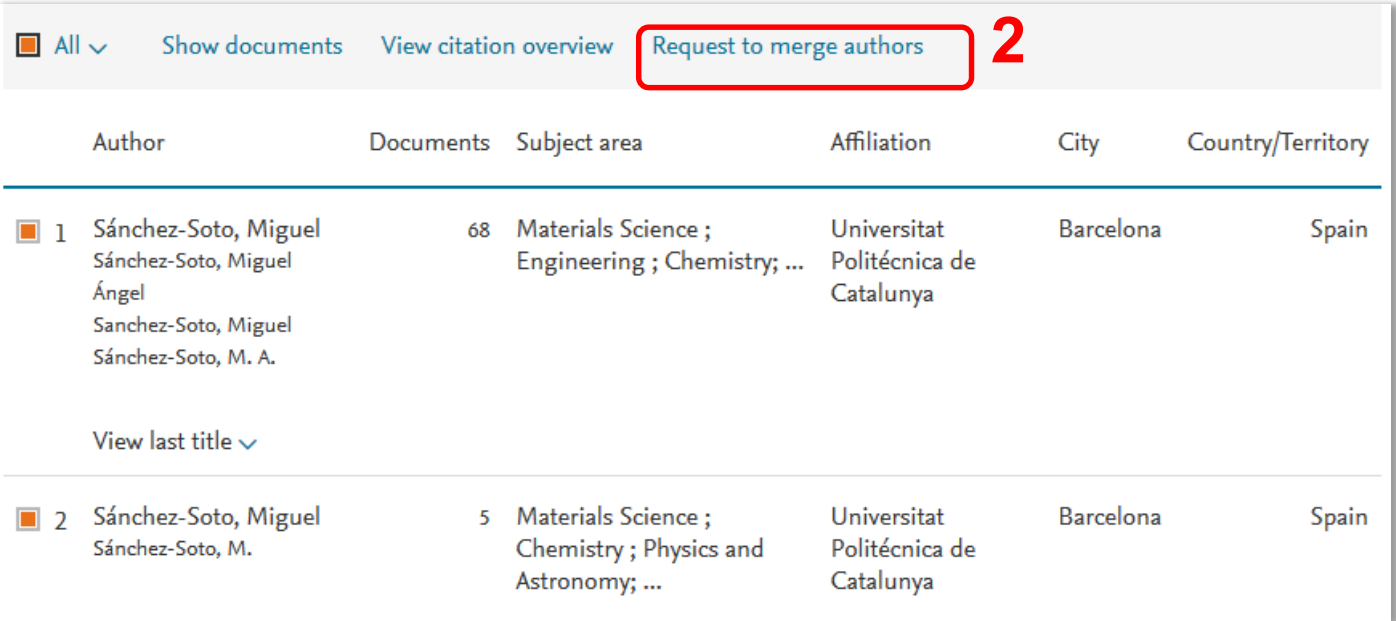
	Author	Documents	<i>h</i> -index	Affiliation	City
<input type="checkbox"/> 1	Roca, Josep Cladera, Josep Roca Cladera, J. Roca Cladera, Josep R.	34	6	Universitat Politècnica de Catalunya	Barcelona

1. Visibility of researchers

1.2. Author identifiers

Scopus Author ID

If researchers have two or more names in the databases, they can ask for their output to be grouped under **one entry**.



The screenshot shows the Scopus Author ID interface. At the top, there are navigation options: "All" (selected), "Show documents", "View citation overview", and "Request to merge authors" (highlighted with a red box and a red '2'). Below this is a table with columns: Author, Documents, Subject area, Affiliation, City, and Country/Territory. The table contains two entries for Miguel Sánchez-Soto. Entry 1 has 68 documents and lists four different name variations: "Sánchez-Soto, Miguel", "Sánchez-Soto, Miguel Ángel", "Sanchez-Soto, Miguel", and "Sánchez-Soto, M. A.". Entry 2 has 5 documents and lists two name variations: "Sánchez-Soto, Miguel" and "Sánchez-Soto, M.". A red '1' with two arrows points to the first and second entries, indicating they should be merged. A "View last title" link is visible below the first entry.

	Author	Documents	Subject area	Affiliation	City	Country/Territory
1	Sánchez-Soto, Miguel Sánchez-Soto, Miguel Ángel Sanchez-Soto, Miguel Sánchez-Soto, M. A.	68	Materials Science ; Engineering ; Chemistry; ...	Universitat Politécnica de Catalunya	Barcelona	Spain
View last title ▾						
2	Sánchez-Soto, Miguel Sánchez-Soto, M.	5	Materials Science ; Chemistry ; Physics and Astronomy; ...	Universitat Politécnica de Catalunya	Barcelona	Spain

Identificadores y perfiles de investigadores

Existen diferentes iniciativas para evitar que las publicaciones de un autor estén incorrectamente atribuidas a otro investigador con el mismo nombre, o un nombre similar para las bases de datos que indexan las publicaciones.

Para evitar estas incidencias, te recomendamos que:

- Registrarte en [ORCID](#) y obtengas tu identificador único
- Revisa periódicamente la información sobre tu autoría que muestra el Web of Science ResearcherID y el Scopus Author ID
- Firma tus publicaciones siempre con la misma [firma y filiación institucional](#)
- Crea un perfil de investigador a [Google Scholar](#)

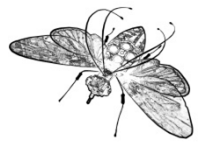
Incorpora tus identificadores ORCID, Web of Science ResearcherID y Scopus Author ID a [DRAC](#) para que sean visibles en tu página personal de [FUTUR](#).

[ORCID](#) ∨

[Web of Science ResearcherID y Publons](#) ∨

[Scopus Author ID](#) ∨

[Google Scholar](#) ∨



1. Visibility of researchers

1.3. Repositories and Futur

DURING PUBLICATION



Open access repositories

Depositing a paper in an open access repository is a way to make your scientific output more visible.

- ✓ Institutional repositories: UPCommons.upc.edu
- ✓ Thematic repositories

arXiv.org

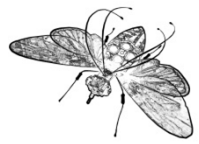
RePEc

SSRN

AgEcon

Publishers distinguish between preprints, postprints and the published version. In each case, you need to consult which version can be disseminated in an open access repository.

<https://v2.sherpa.ac.uk/opensoar/>



1. Visibility of researchers

1.3. Repositories and Futur

DURING PUBLICATION



UPCommons. Portal de acceso abierto al conocimiento de la UPC



UPCommons

El depósito institucional de la UPC recopila, gestiona, difunde y preserva, en acceso abierto, la producción docente y de investigación de la UPC.

Sobre UPCommons

- ¿Qué es UPCommons?
- Cómo publicar en UPCommons
- Política de acceso abierto de la UPC

Enlaces de interés

- OpenAire
- DOAJ
- Recolecta



Abrir en pantalla completa

Búsquedas Tot UPCommons

... o lista el contenido:

Por fecha Autores Otras contribuciones Títulos Materias

Filtra

Ámbito de conocimiento

- Informática (16.758)
- Ingeniería de la telecomunicación (13.312)
- Ingeniería civil (13.193)
- Arquitectura (12.451)
- Matemáticas y estadística (10.927)
- Urbanismo (7.256)
- ... Muestra más

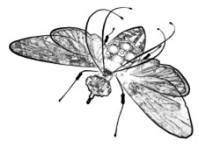
Tipo de documento

- Artículo (35.834)
- Examen (31.870)
- Texto en actas de congreso (20.218)
- Trabajo final de grado (19.853)
- Proyecto/Trabajo final de carrera (18.270)
- Imagen (14.782)
- ... Muestra más

Condiciones de acceso

- Acceso abierto (115.874)
- Acceso restringido a la comunidad UPC (32.229)

<http://upcommons.upc.edu/>



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1. Visibility of researchers

1.3. Repositories and Futur

DURING PUBLICATION



UNIVERSITAT POLITÈCNICA DE CATALUNYA BARCELONATECH

Novetats Sobre FUTUR Preguntes freqüents Mapa del lloc Contacte Identifica! Català

FUTUR. Portal de la Producció Científica dels Investigadors de la UPC

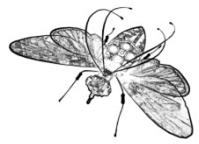
Investigadors	Organització	Publicacions	Accés obert	Tesis	Patents	Projectes	Spin-offs
3303	285	224441	28569	6942	1243	13688	45

Eines i recursos	Mapes del coneixement	Visites	Dades 2018	Informació clau
<ul style="list-style-type: none"> Presentació ORCID Bibliotècnica: Eines per a l'investigador Accés obert Indicadors bibliomètrics i acreditacions Propietat intel·lectual Web of Science Scopus Estudis bibliomètrics UPC Bibliotècnica UPCommons GeoCommons E-books UPC E-revistes UPC DRAC Transferència Tecnològica 				<ul style="list-style-type: none"> Mapes del coneixement UPC Guia d'experts UPC per als mitjans de comunicació Revistes amb articles UPC Publicacions UPC premiades

Notícies de recerca UPC

- El repte del futur dels polígons industrials, a debat, el 30 de gener, a la jornada REFabrCAT2019 L'Escola Tècnica Superior d'Arquitectura del Vallès (ETSAV) de la UPC organitza, el 30 de gener, de 9 a 14 h, la jornada REFabrCAT2019, promoguda pel grup de recerca LITA per debatre sobre el futur dels polígons industrials a Catalunya. 2019-01-30
- Desobert a l'Escola de Telecomunicació de Barcelona el primer sistema triple resol't de nans blancs observat mai Mentre feia el seu treball de fi de grau, l'estudiant d'Enginyeria Física de la UPC Martí Perpinyà ha trobat el primer sistema resol't de tres nans blancs, identificat gràcies al satèl·lit Gaia. Es tracta del primer

<http://futur.upc.edu/>



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Salán Ballesteros, M^a Núria

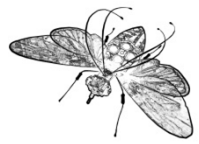
Total activitats: 208



Àrees d'expertesa	Acers inoxidables, Ceràmiques, Comportament mecànic, Dona, Enginyeria Forense, Innovació docent, Metall dur, Metalls
Index h	4
Titulació universitària	Ciències Químiques (Metalurgia)
Doctorat	Doctor Ciències Químiques
Titulació de postgrau	Ciències, Tecnologia, Enginyeria i Matemàtiques (STEM)
Categoria professional	Professor/a col·laborador/a amb contracte indefinit
Grup de recerca	CIEFMA - Centre d'Integritat Estructural, Micromecànica i Fiabilitat dels Materials GIOPACT - Grup de Recerca d'Igualtat d'Oportunitats per a l'Arquitectura, la Ciència i la Tecnologia
Departament	Departament de Ciència i Enginyeria de Materials
Centre docent	Escola Superior d'Enginyeries Industrial, Aeroespacial i Audiovisual de Terrassa (ESEIAAT)
Correu electrònic	núria.salan@upc.edu
Dades de contacte	Director de la UPC
Orcid	0000-0001-9323-8883
WoS ResearcherID	L-5528-2014
Scopus Author ID	36544417300
Xarxa/es col·laborativa/es	 ASAMMET
Enllaços d'interès	CIEFMA Societat Catalana de Tecnologia Youtube #ChicasInTech Youtube TEDxReus

[Completa les teves dades](#)



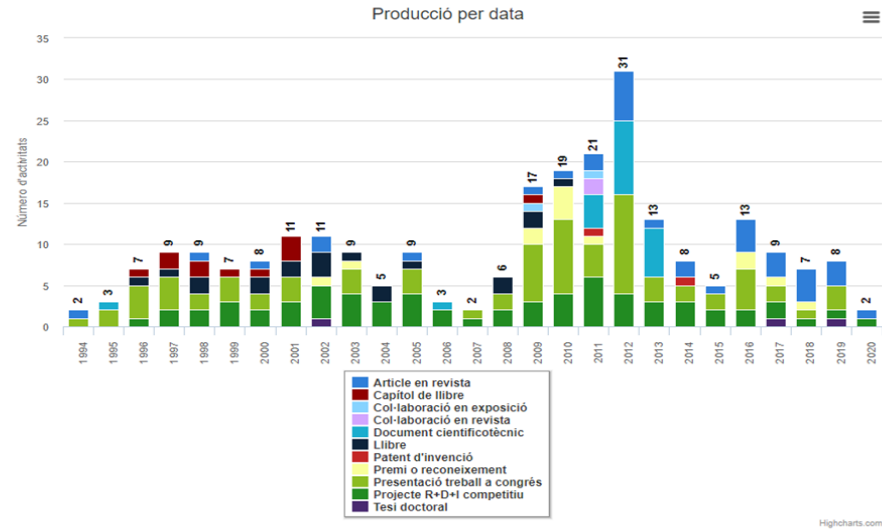
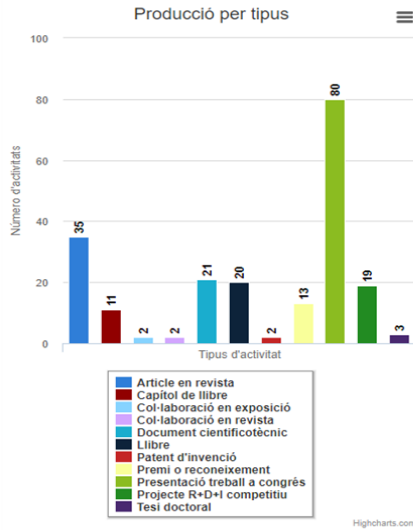


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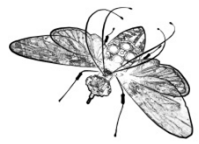


Visites per mes

Any	Mes	Visites	Usuaris	Promig de temps a la pàgina
2019	Desembre	4	4	00:00:38
2019	Novembre	2	2	00:00:09
2019	Octubre	4	4	00:00:17
2019	Setembre	5	4	00:00:21
2019	Agost	1	1	00:00:06
2019	Juliol	5	4	00:00:26
2019	Maig	2	2	00:00:04
2019	Abril	1	1	00:00:00
2019	Març	1	1	00:00:00
TOTAL		25	23	00:00:10

Visites per país





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DURING PUBLICATION



MCIA - Motion Control and Industrial Applications Research Group

Total activitats: 1356



Tipus: Grup de recerca
 Tipus de grup: Grup de recerca UPC
 Xarxa TECNIO / CIT UPC
 Acrònim: MCIA
 Adreça: Edifici GAIA - Rambla Sant Nebridi, s/n

Localitat: 08222 Terrassa
 URL: <http://www.mcia.upc.edu/>

Objectius: El grup estudia la modelització, la simulació, les tècniques de control, la implantació física i les aplicacions dels sistemes electrònics de potència aplicats al control industrial i als accionaments elèctrics. Concretament, estudia el control digital amb microprocessadors, processadors de senyals digitals (DSP) i matrius de portes programables in situ (FPGA, de l'anglès field programmable gate array) dels convertidors i els llaços de regulació que apareixen en el control industrial i en el control dels motors elèctrics, per a la qual cosa aplica tècniques de control adaptatiu i intel·ligent. L'estudi dels sistemes electrònics per a la gestió i l'estalvi energètic, i el tractament de les dades de la planta per al diagnòstic i el manteniment també són temes d'interès per al grup.

Paraules clau: 3D Electromagnetic Design and Simulation, Charging Systems and Communications, Corona effect and mitigation, Data Driving Process Monitoring, Diagnosis and Prognosis, Electric Machine and Power Converters, Electric powertrain, Energy Management Systems, Fault Tolerant Drives, Microgrids, High Voltage Systems, Novelty Detection, Reliability, Smart Sensors

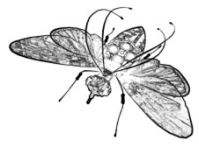
Completa aquestes dades (només responsables)

Compartir Informació QR

Investigadors

Més investigadors

- Abomalek Rubio, Basel Carlos (13)
- Candelo Zuluaga, Carlos Andres (1)
- Cirera Balcells, Josep (4)
- Cortez, Ernest (4)
- Delgado Prieto, Miquel (120)
- Fernández Palomeque, Efrén Esteban (15)
- Garcia Espinosa, Antonio (150)
- Ghorbani, Hamidreza
- Kadachkar, Akash (7)
- Martínez Viol, Victor (3)
- Moreno Eguilaz, Juan Manuel (205)
- Ortega Redondo, Juan Antonio (330)
- Paredes Camacho, Alejandro (18)
- Piñal Moctezuma, Juan Fernando (4)
- Riba Ruiz, Jordi Roger (417)
- Rojas Dueñas, Gabriel Esteban
- Romeral Martínez, Jose Luis (540) Responsable
- Tapia Tlatelpa, Tecilli (3)
- Urbano Gonzalez, Eva Maria (3)



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DURING PUBLICATION



PRC | Portal de la Recerca de Catalunya

Inici Sobre el PRC Preguntes més freqüents Contacte Idioma

Cerca per... A tot el portal

Universitats i Centres de recerca	Departaments, Instituts i Àrees	Projectes de recerca	Grups de recerca	Investigadors	Publicacions	Tesis
20	397	35.246	1.538	11.731	527.621	30.134

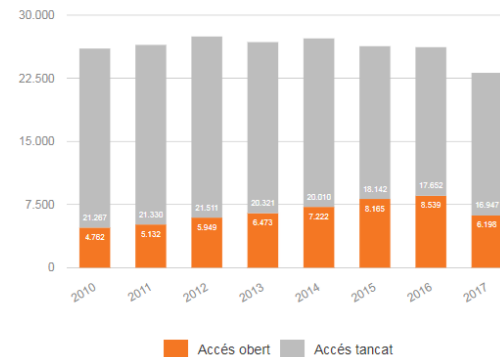
Nou mapa estatal d'Infraestructures Científiques i Tecnològiques Singulares (ICTS)
El Consejo de Política Científica, Tecnológica y de Innovación ha aprovat el nou mapa estatal d'Infraestructures Científiques i Tecnològiques Singulares (ICTS).

Darreres publicacions i tesis

Unravelling the factors that influence the bio-electrorecycling of carbon dioxide towards biofuels Blasco Gomez, Ramiro 2019
Marcas de autorregulación para la construcción del perfil docente durante la formación inicial de maestros Alsina Pastells, Angel 2019
Product innovation, process innovation and export propensity: persistence, complementarities and feedback effects in Spanish firms Ayllon Gatnau, Sara 2019
New concepts on carbon redirection in wastewater treatment plants: a review Cortina, J. 2019

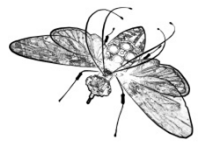
Publicacions en accés obert i tancat

La mitjana de publicacions en accés obert entre el 2010 i el 2017 és del 25%



PRC Portal de la Recerca de les Universitats de Catalunya

<http://portalrecerca.csuc.cat/>



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DURING PUBLICATION



There are open data repositories such as UPC Research Data

UPCommons. Portal de acceso abierto al conocimiento de la UPC



UPCommons / Research data

Research data

Research Data UPC alberga los datos de investigación relacionados con las publicaciones (artículos de revistas, etc.) o con un proyecto de investigación (H2020, etc.).

Si es miembro de la UPC y está interesado en depositar y/o publicar datos de investigación en acceso abierto, por favor consulte:

<http://biblioteca.upc.edu/investigadors/dades-recerca-obert#upcommons>

Deposita datos de investigación

Subcomunidades







[Col·leccions de dades per projectes específics](#) [0]

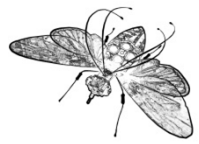
Colecciones

[Dades de recerca](#) [18]



Multidisciplinary Repositories for Open Access Data

	 EUDAT B2SHARE	 CERN	 Digital Science (Macmillan)	 NCSSU	 IQSS (Harvard University)	 Elsevier
1. Thematic and geographical area	Multidisciplinary International	Multidisciplinary International	Multidisciplinary International	With emphasis on science and medicine International	Multidisciplinary International	Multidisciplinary International
2. Type of data (software, images, raw data...)?	All kind of formats	All kind of formats and published documents: publications, grey literature, images, audio,	All kind of formats : figures, datasets, images and audio, grey literature, filesets ...	All kind of formats (excluding software) and with preference for open source formats	All kind of formats Certain formats with specific functions (Stata, SPSS, R, Excel, CSV....)	All kind of formats : plain text, images and audio, PDF, HTML...
3. Open, embargoed, restricted or closed data?	Open, restricted o embargoed. The description of a set of data is public	Open, closed, restricted o embargoed (Policies)	Open, closed (by default until they are published), restricted o embargoed Confidential Metadata-only + Information	Open o embargoed (by default until the time of publication)	Open o restricted	Open, closed (by default until they are published), restricted o embargoed
4. Approximate size of the files to submit?	Up to 10 GB file. For larger sizes contact EUDAT	Up to 50 GB for dataset. For larger sizes contact: https://zenodo.org/contact	Up to 5 GB for dataset	10 GB data for DOI 300 GB (Box, DropBox) Google Drive is not recommended)	Up to 2 GB. For larger files contact: support@dataverse.org	Up to 10 GB
5. Licenses used to spread the data?	Allow a variety of licenses for data and for software	Allows a variety of licenses although we recommend open licenses. The description of the data is under CCO	- CCO for data (<i>metadata & datasets</i>) CC-BY for non data (audiovisuals, papers ...) - MIT for code and software	CCO (FAQ)	By default CCO but it may be changed	Allows a variety of licenses : CC-BY 4.0, CC- BY-NC, CCO 1.0, MIT, Apache 2.0, BSD 3 clause, ..
6. Persistent identifier	Handle I DOI	DOI	DOI	DOI	DOI	DOI
7. Conditions for removing content	Contact with EUDAT	Allowed to withdraw data explaining the reason. DOI and URL will be retained	Data can be deleted	Data can be deleted only in specific cases by contacting curator@datadryad.org	Allows to delete datasets and files even though they have already been published	It is allowed to remove the data before publishing. Once published, contact with
8. Cost	Free for researchers and European scientists	Free. But by paying, it is possible to have more space (FAQS)	Free 20 GB For more space contact	120 € for a set of data (up to 20 GB) (Payment plans Data publishing charges)	Free	Free
9. Data linked to publications	It allows to add links to related documents	It allows to add links to related documents	It allows to add links to the full text or related documents	The data must be associated with a research paper, published or in publication process.	It allows to add links to related documents	It allows to add links to related articles



1. Visibility of researchers

1.4. Social media and academic networks for research

AFTER PUBLICATION



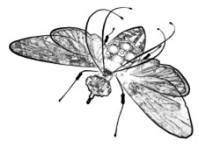
Social media sites and academic social networks provide valuable opportunities to make our research more visible.

We need to invest time, draw up a strategy and decide which social media sites and academic social networks to participate in.

To construct our digital identity actively, we must manage visibility, reputation and privacy in the network.

#socialmedia4researchers





1. Visibility of researchers

1.4. Social media and academic networks for research

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Why have a Google Scholar profile?

- ✓ More visibility: approximately 75% of researchers start their bibliographic search in Google.
- ✓ Ease of use: easy to create, easy to compile our publications, easy to maintain.
- ✓ Can be used to monitor citations received and calculate the h -index.
- ✓ Improves reputation and digital identity.



<https://www.slideshare.net/jalonsoarevalo/como-crear-perfil-de-investigador-en-g>

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1.4. Social media and academic networks for research

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Berta Bardí Milà (ORCID: 0000-0003-0271-670X)

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TÍTOL

CITADA PER

ANY

Dos modelos pedagógicos: conocer versus saber hacer

BB i Milà, DG Escudero

JIDA 4, textos de arquitectura, docencia e innovación, 16-35

4

2017

The JIDA conference: Teaching practice as research

B Bardí Milà, D García Escudero

JOTSE: Journal of Technology and Science Education 8 (3), 146-154

3

2018

Los antecedentes de la modernidad danesa: liberación y enfoque holístico

L Balslev, B Bardí Milà, D García Escudero, ...

DPA: Documents de Projectes d'Arquitectura, 86-91

3

2010

La forma urbana como objeto pedagógico: los casos de Learning from Las Vegas y Made in Tokyo.

B Bardí Milà, D García Escudero, J Moreno Sanz

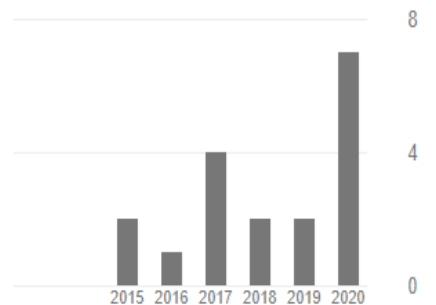
Ciudad y formas urbanas: Perspectivas transversales. Vol. 10: Formas urbanas ...

2

2018

Citada per

	Totes	Des de 2015
Citacions	18	18
Índex h	3	3
Índex i10	0	0



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1.4. Social media and academic networks for research

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Creation of a profile in Google Scholar

1. You need to have a Gmail account.
2. Go to Google Scholar Citations (<https://scholar.google.es/citations>).
3. Fill in the registration form.
4. Select your articles from the proposed list.
5. Search for your articles in Google Scholar or add them manually.
6. Complete the profile (photos, coauthors, alerts, etc.).

<http://biblioteca.upc.edu/investigadors/identificadors-perfils-investigadors#google-scholar>

1. Visibility of researchers

1.4. Social media and academic networks for research

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Academic social networks

These are different from general social networks in that:

- ✓ They are communities that are closer in subject area.
- ✓ They are more restrictive communities.
- ✓ They use specialised language.
- ✓ They enable fast dissemination of scientific articles.
- ✓ They provide the opportunity to share preprints and articles in open access.

<http://www.slideshare.net/infobiblio/identidad-digital-para-investigadores-redes-sociales-academicas>

Advantages:

- ✓ They increase the visibility and impact of our research.
- ✓ They facilitate contact with other similar researchers.
- ✓ They help us to stay up to date in our field.

Important! Be active and keep information updated.

Resource	How?	Tips
Twitter	<ol style="list-style-type: none"> 1. Create your Twitter profile. 2. Write messages using hashtags and link to your publications. 	<ul style="list-style-type: none"> - Use hashtags relating to the subject area of your research. - Mention colleagues and other researchers. - Include DOI or the handle of the publications that are disseminated. - Include images.
LinkedIn	<ol style="list-style-type: none"> 1. Register as a personal user. 2. Complete your profile with the publications that you want to disseminate. 	<ul style="list-style-type: none"> - Connect with other specialists. - Include DOI or the handle of the publications that are disseminated. - Regularly report on new aspects of your research. Include videos or images.
Research Gate	<ol style="list-style-type: none"> 1. Register indicating which type of user you are. 2. Complete your profile with the publications that you want to disseminate. 	<ul style="list-style-type: none"> - Include DOI or the handle of the publications that are disseminated. - ResearchGate proposes connections with other specialists based on the data of your publications. - Formulate or answer open questions on your research. - Participate in open reviews of articles.
Academia	<ol style="list-style-type: none"> 1. Register as a user. 2. Complete your profile with the publications that you want to disseminate. 	<ul style="list-style-type: none"> - Add documents (in any format). - Decide whether you accept that they can be opened to colleagues.
Google Scholar	<ol style="list-style-type: none"> 1. Enter your Google account or create a new account 2. Enter in Google Scholar and click on My profile. 3. Follow the instructions on the form. 	<ul style="list-style-type: none"> - Enter your affiliation correctly and write the relevant keywords in your area of research. - Add your ORCID number beside your name. - Google Scholar Citations offers metric data such as the number of citations received and the <i>h</i>-index.
Blogs	<ol style="list-style-type: none"> 1. Create your own blog or participate in the blogs of various authors. 	<ul style="list-style-type: none"> - Share links and cite correctly. - If the blog is your own, write new posts regularly.
Wikipedia	<ol style="list-style-type: none"> 1. Create an account to edit Wikipedia in any of its languages. 	<ul style="list-style-type: none"> - Include bibliographic references to your publications in existing entries. - Create new entries on your specialisations or edit them.
YouTube	<ol style="list-style-type: none"> 1. Start a session with a Google account. 2. Within the profile options, create a channel. 	<ul style="list-style-type: none"> - Post videos or vlogs. - Comment on the videos of other researchers, research groups, etc.

1. Visibility of researchers

1.4. Social media and academic networks for research

AFTER PUBLICATION



A Search... [dropdown]

HOME ANALYTICS GRANTS MENTIONS PREMIUM [upload icon] [mail icon] [bell icon] [profile icon]

Ulises Cortés
Universitat Politècnica de Catalunya, Software Department, Faculty Member | Software +4

Ulises Cortés is a professor and researcher of the Technical University of Catalonia (UPC) since 1982 (tenured since 1988 and habilitated as Full-Professor since 2006) working on several areas of Artificial Intelligence (AI) in the Software Department including knowledge acquisition for and concept formation in knowledge-based systems, as well... [more](#)

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PAPERS



Increasing Human-Organ Transplant Availability: Argumentation-Based Agent Deliberation

by Ulises Cortés and Francisco Caballero

IEEE Intelligent Systems, 2000

[Bookmark] [Download] 8 Views



Formalizing an electronic institution for the distribution of human tissues

by Ulises Cortés, Francisco Caballero, and Javier Vázquez-Salceda

Artificial Intelligence in Medicine, 2003

[Bookmark] [Download] 5 Views




Training course on donation and transplantation for 16- to 18-year-old schoolchildren in the Hospital de Sant Pau

by Ulises Cortés and Francisco Caballero


Transplantation Proceedings, 2002

[Bookmark] [Download] 5 Views



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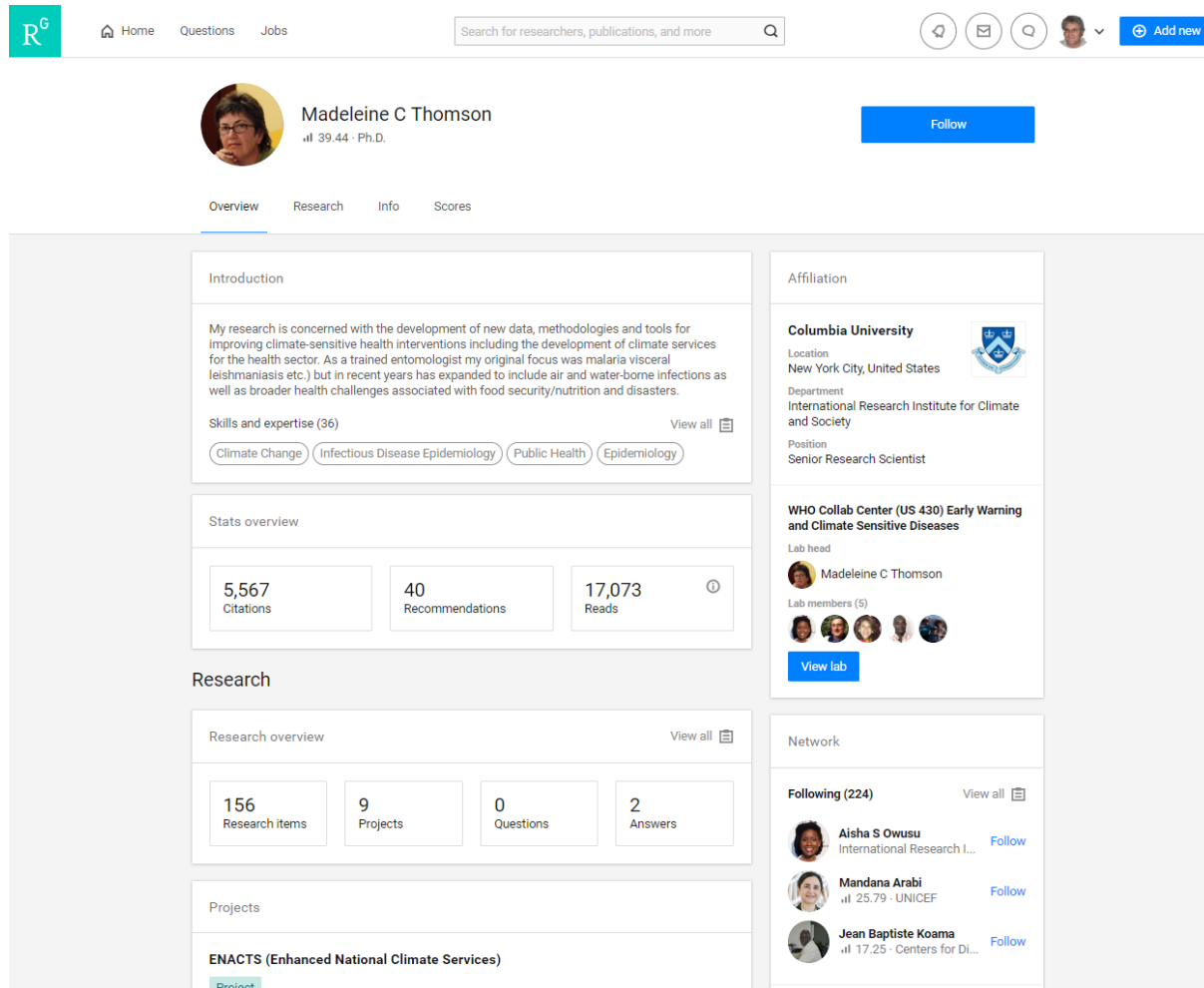


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1. Visibility of researchers

1.4. Social media and academic networks for research

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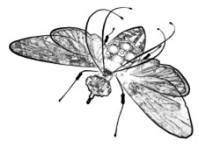



The screenshot shows the ResearchGate profile of Madeleine C Thomson, a Senior Research Scientist at Columbia University. The profile includes an introduction, skills and expertise (Climate Change, Infectious Disease Epidemiology, Public Health, Epidemiology), and statistics: 5,567 Citations, 40 Recommendations, and 17,073 Reads. Her research overview shows 156 Research items, 9 Projects, 0 Questions, and 2 Answers. She is the lab head of the WHO Collab Center (US 430) Early Warning and Climate Sensitive Diseases, which has 5 lab members. She is followed by 224 researchers, including Aisha S Owusu, Mandana Arabi, and Jean Baptiste Koama.



2. Evaluation and impact of scientific activity





2. Evaluation and impact of scientific activity

2.1. Impact indicators

What is evaluated?

- ✓ Authors and their new ideas
- ✓ The dissemination and impact of these ideas
- ✓ The value of the journals in which they are published

How is this evaluated?

- ✓ Through **impact indicators**
 - These guarantee that the results reach most of the community.
 - They give an idea of the relative importance of the journal within the subject area.



2. Evaluation and impact of scientific activity

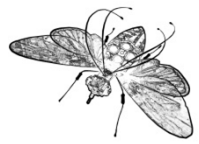
2.1. Impact indicators

Bibliometric indicators to assess scientific activity:

Different metrics and indicators at **Journal**, **Article** or **Author** level:

Based on the number of citations received by the publication

- ✓ Articles published in indexed journals/with an impact factor (Journal)
- ✓ Number of citations received (Article)
- ✓ *h*-index (Author)



2. Evaluation and impact of scientific activity

2.1. Impact indicators

Indicator	What it is	How to consult it
1. Impact Factor (IF)	Measures the average citations received in a year for articles published in a journal during the two previous years.	Annual report that can be consulted in JCR (Journal Citation Reports). Based on data from the Web of Science.
2. Scimago Journal Rank (SJR)	Provides the weighted average of citations received in a year for documents published in a journal during over the three previous years.	Annual report that can be consulted in the Scimago Journal & Country Rank based on data from Scopus.
3. Source Normalized Impact per Paper (SNIP)	Relates the number of citations per article and the citation potential in the journal's subject area. Takes into account the last three years.	Calculated from Scopus data. Available in Scopus Sources .
4. CiteScore	Calculates the average citations received in a year for articles published in a journal over the four previous years.	Available in Scopus Sources .
5. Google Scholar Metrics	Measures the impact of a journal based on the citations received in Google Scholar.	Rankings of journals by language, organised by the <i>h</i> -index: English Spanish
6. Eigenfactor	Measures the “relative” influence of JCR journals. Considers citations in the last five years and the influence of the journals that they came from.	Annual report that can be consulted in JCR (Journal Citation Reports). Based on data from the Web of Science.



2. Evaluation and impact of scientific activity

2.1. Impact indicators

JOURNAL METRICS: Impact Factor

Impact factor (IF): measures the citations received in a specific year for the articles published in a journal during the two previous years.

$$\text{The impact factor 2020} = \frac{\text{Number of citations received in 2020 of articles published in 2018 and 2019}}{\text{Number of articles published in 2018 and 2019}}$$

Journal Citation Reports (JCR): A tool available on the Web of Science platform that enables the impact factor and other bibliometric indicators to be consulted.

Category


Quartile

Position

2. Evaluation and impact of scientific activity

2.1. Impact indicators

JOURNAL METRICS: Scimago Journal Rank (SJR)

also developed by scimago:  SCIMAGO INSTITUTIONS RANK

SJR Scimago Journal & Country Rank









Home Journal Rankings Country Rankings Viz Tools Help About Us

All subject areas Aerospace Engineering All regions / countries All types 2017

Only Open Access Journals Only SciELO Journals Only WoS Journals Display journals with at least 0 Citable Docs. (3years) Apply

[Download data](#)

1 - 50 of 318 < >

Title	Type	↓ SJR	H index	Total Docs. (2017)	Total Docs. (3years)	Total Refs.	Total Cites (3years)	Citable Docs. (3years)	Cites / Doc. (2years)	Ref. / Doc.	
1 International Journal of Impact Engineering	journal	2.124 Q1	96	239	485	8088	1902	469	3.77	33.84	
2 International Journal of Robust and Nonlinear Control	journal	2.028 Q1	85	277	612	9417	2583	598	4.29	34.00	
3 Mechanical Systems and Signal Processing	journal	1.805 Q1	121	532	960	18613	4720	936	4.94	34.99	
4 Progress in Aerospace Sciences	journal	1.716 Q1	91	34	103	4987	742	100	5.94	146.68	
5 Nonlinear Dynamics	journal	1.468 Q1	85	820	1976	30953	8511	1950	4.29	37.75	
6 International Journal of Engine Research	journal	1.315 Q1	44	84	222	2603	573	215	2.91	30.99	
7 Journal of Intelligent Transportation Systems	journal	1.288 Q1	33	58	118	1311	265	107	2.15	22.60	
8 Experimental Thermal and Fluid Science	journal	1.271 Q1	81	356	798	12139	2861	790	3.47	34.10	

2. Evaluation and impact of scientific activity

2.1. Impact indicators

ARTICLE METRICS INDICATOR: Number of citations received

- ✓ Web of Science (access via Bibliotècnica)
- ✓ SCOPUS (access via Bibliotècnica)
- ✓ Google Scholar (free access)

<http://bibliotecnica.upc.edu/investigadors/indicadors-bibliometrics-acreditacions/citacions-article>

AUTHOR METRICS INDICATOR: *h*-index:

Minimum number h of articles that have received at least h citations

- ✓ Web of Science (access via Bibliotècnica)
- ✓ SCOPUS (access via Bibliotècnica)
- ✓ Google Scholar (free access)

Ordre de l'article	Nombre de citations
1	20
2	16
3	10
4	5
5	4

<http://bibliotecnica.upc.edu/investigadors/indicadors-bibliometrics-acreditacions/index-h>



2. Evaluation and impact of scientific activity

2.1. Impact indicators

The main JOURNAL indicators in the field of **architecture** are:

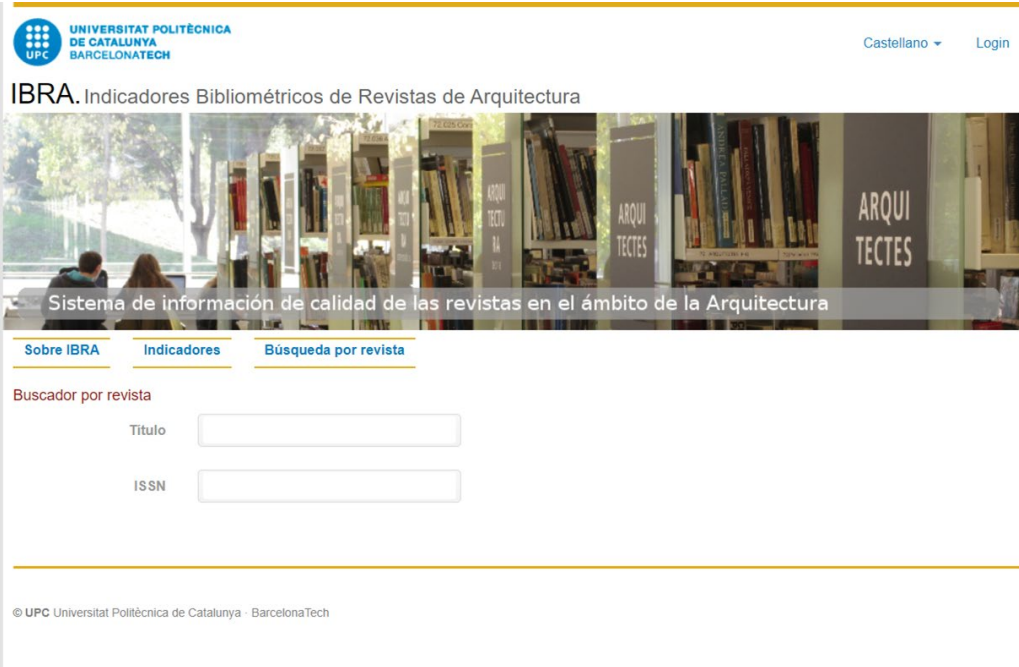
- ✓ Impact factor (JCR) – although the category ‘Architecture’ does not exist
- ✓ Scimago Journal Rank (SJR)
- ✓ Arts & Humanities Citation Index. This list only contains art and humanities journals. It does not provide the quartile or the impact factor. ‘Architecture’ is one of the subject categories (<https://mjl.clarivate.com/home> > Downloads).
- ✓ Presence in the Avery Index to Architectural Periodicals
- ✓ Presence in the Riba Catalogue

2. Evaluation and impact of scientific activity

2.1. Impact indicators

IBRA.upc.edu

IBRA (Indicadores Bibliométricos de Revistas de Arquitectura) es un sistema que informa sobre los indicios de calidad de las revistas en el ámbito de la arquitectura.



The screenshot shows the website for IBRA (Indicadores Bibliométricos de Revistas de Arquitectura) at UPC. The header includes the UPC logo and the text 'UNIVERSITAT POLITÈCNICA DE CATALUNYA BARCELONATECH'. There are language options for 'Castellano' and a 'Login' link. The main title is 'IBRA. Indicadores Bibliométricos de Revistas de Arquitectura'. Below this is a banner image of a library with bookshelves labeled 'ARQUITECTES'. A subtitle reads 'Sistema de información de calidad de las revistas en el ámbito de la Arquitectura'. The navigation menu has three items: 'Sobre IBRA', 'Indicadores', and 'Búsqueda por revista', with 'Búsqueda por revista' being the active page. The search section is titled 'Buscador por revista' and contains two input fields: 'Titulo' and 'ISSN'. The footer contains the copyright notice '© UPC Universitat Politècnica de Catalunya - BarcelonaTech'.

2. Evaluation and impact of scientific activity

2.1. Impact indicators

Indicadores bibliométricos

Autores

- ▷ Índice h
- ▷ Índice g

Artículos publicados

- ▷ Citas

Revistas

- ▷ Factor de impacto (FI)
- ▷ Cuartil
- ▷ tercil
- ▷ Eigenfactor y Artículo influence score
- ▷ Scimago Journal Rank (SJR)
- ▷ Source Normalized Impact Paper (SNIP)
- ▷ CiteScore
- ▷ Indicadores del ámbito de arquitectura y urbanismo

Libros o capítulos de libros

- ▷ Prestigio editorial
- ▷ Citas

Congresos

- ▷ Indicadores

Acreditaciones

- ▷ Organismos
- ▷ Recursos para organismo de acreditación y ámbito temático

Indicadores bibliométricos y acreditaciones

Los indicadores bibliométricos sirven para:

- Evaluar la producción científica de los investigadores e instituciones.
- Medir el impacto de los autores a partir de sus publicaciones.
- Determinar la calidad de las revistas y de los artículos.

Universidades y otros organismos los utilizan para evaluar y financiar la investigación y cada índice bibliométrico o la combinación entre ellos sirve para analizar criterios diferentes.

Te has acreditar, solicitar un sexenio o un tramo de investigación? Te apoyamos en la valoración de tu producción científica para los procesos de evaluación de la ANECA, la AQU y la CNEAI, buscando el factor de impacto, las citas recibidas, etc.

Según el número de consultas a realizar, desde las [bibliotecas](#) te buscamos la información solicitada o te asesoramos sobre cómo obtenerla.

Más información

[Estudios bibliométricos](#)

[Indicadores Bibliométricos de Revistas de Arquitectura \(IBRA\)](#) [↗](#)

[DRAC](#) [↗](#)

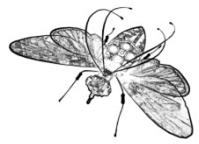
[Observatorio de rankings UPC](#) [↗](#)

Si tienes dudas

[contacta con nosotros](#)



Última actualización: 17 / 12 / 2018



ENGINY20

2. Evaluation and impact of scientific activity



<https://www.youtube.com/watch?v=qFDOoSBU0C8>

2. Evaluation and impact of scientific activity

2.2. Alternative metrics



altmetrics = alternative metrics

Altmetrics analyse the contents of the social web to offer alternative or complementary metrics to the impact indicators to measure the value of academic publications.

2. Evaluation and impact of scientific activity

2.2. Alternative metrics

CONT

[Who are we for?](#)

[Products](#)

[About altmetrics](#)

[About our data](#)

Who's talking about your research?

Thousands of conversations about scholarly content happen online every day. Altmetric tracks a range of sources to capture and collate this activity, helping you to monitor and report on the attention surrounding the work you care about.

For Publishers

For Institutions

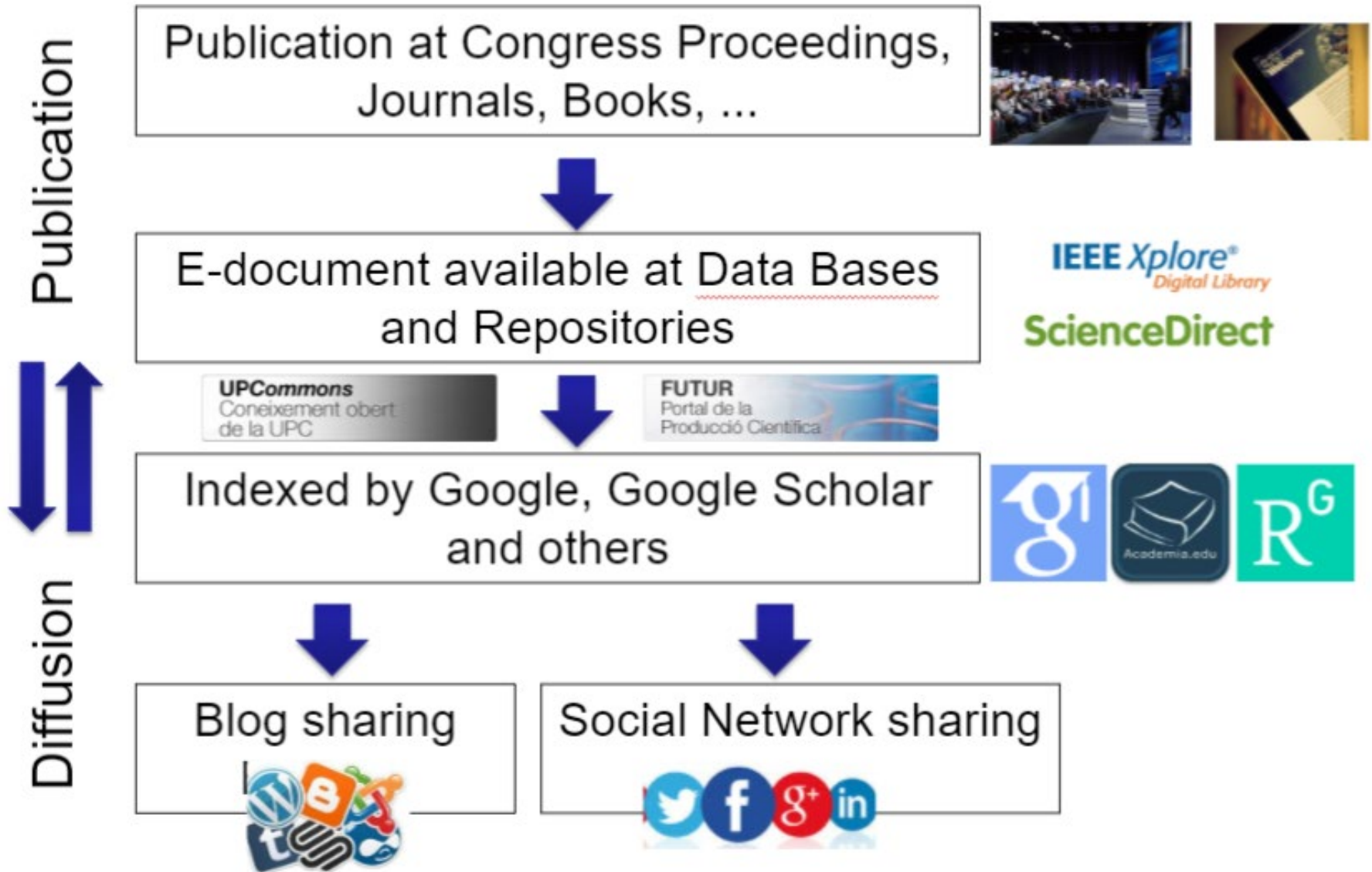
For Researchers

For Funders

For R&D

2. Evaluation and impact of scientific activity

2.2. Alternative metrics



2. Evaluation and impact of scientific activity

2.2. Alternative metrics

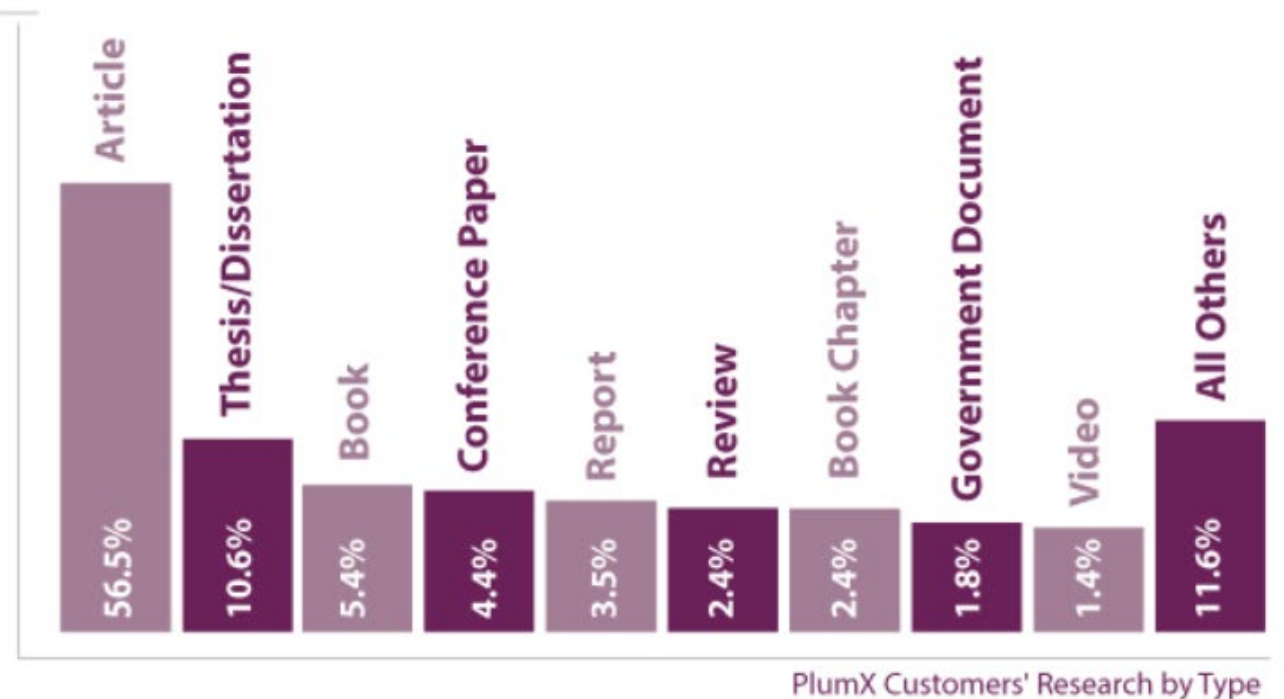
Below is a chart that shows how different PlumX customers categorize their research output.

What is Research Output?

There are **67** ARTIFACT TYPES

Research output is more than articles.

Measure it ALL



2. Evaluation and impact of scientific activity

2.2. Alternative metrics



Usage

Abstract Views: 44

PDF Views: 1253

HTML Views: 10348

Captures

Exports-saves: 7

Readers: 44

Mentions

News Mentions: 56

Blog Mentions: 25

Wikipedia: 3

Social Media

Likes: 22

Shares: 15

+1: 4

Citations

Citation Indexes: 29

Clinical Citations: 3

Policy Citations: 2



2. Evaluation and impact of scientific activity

2.2. Alternative metrics

Benefits:

- ✓ Can be used to monitor the dissemination of research beyond academia.
- ✓ Shows the attention, reception and response to a publication before it is cited.
- ✓ Can be applied to non-traditional research results such as sets of data and blog publications.
- ✓ Shows the impact of research in real time: there is no need to wait until citation reports, like JCR, are published, and outside the academic environment

<https://blogs.lse.ac.uk/impactofsocialsciences/2015/10/12/enter-alternative-metrics/>

Aggregators of altmetric data



<http://www.altmetric.com>



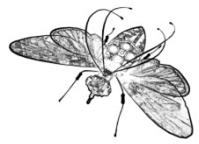
<https://profiles.impactstory.org/>



<http://www.plumanalytics.com/>



<https://plos.org/publish/metrics/>



2. Evaluation and impact of scientific activity

2.2. Alternative metrics

Young scientists under pressure: what the data show

Overview of attention for news story in Nature



About this Attention Score

In the top 5% of all research outputs scored by Altmetric

MORE...

Mentioned by

- 3 news outlets
- 12 blogs
- 1417 tweeters
- 70 Facebook pages
- 14 Google+ users
- 1 Redditor

Citations

- 16 Dimensions

Readers on

- 50 Mendeley

What is this page?

- SUMMARY
- News
- Blogs
- Twitter
- Facebook
- Google+
- Reddit
- Dimensions citations

You are seeing a free-to-access but limited selection of the activity Altmetric has collected about this research output. [Click here to find out more.](#)

Title	Young scientists under pressure: what the data show
Published by	Nature, October 2016
DOI	10.1038/538444a ↗
Pubmed ID	27786225 ↗
Authors	Brendan Maher, Miquel Sureda Anfrès

[View on publisher site](#)

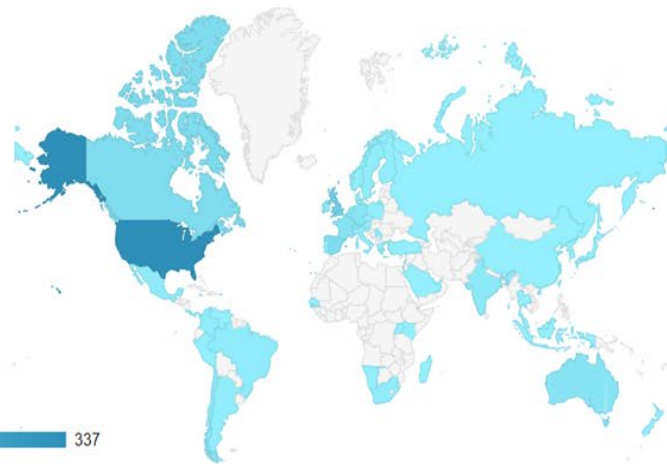
Alert me about new mentions

TWITTER DEMOGRAPHICS

MENDELEY READERS

ATTENTION SCORE IN CONTEXT

The data shown below were collected from the profiles of 1,417 tweeters who shared this research output. [Click here to find out more about how the information was compiled.](#)

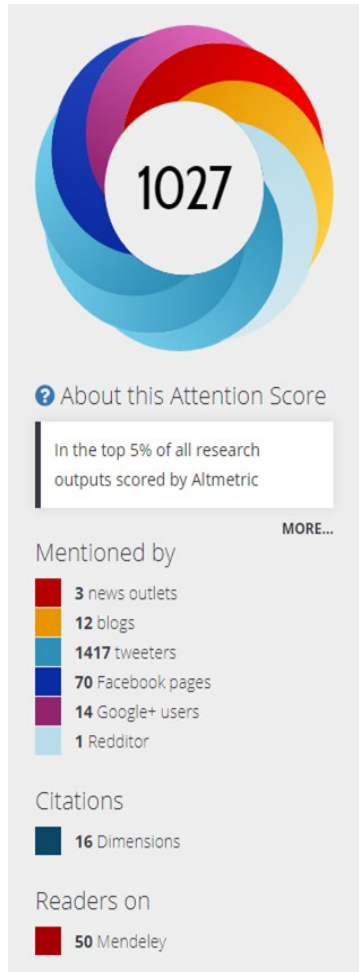


Geographical breakdown

Demographic breakdown

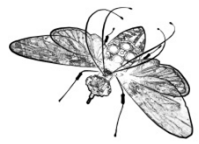
2. Evaluation and impact of scientific activity

2.2. Alternative metrics



<https://help.altmetric.com/support/solutions/articles/6000233311-how-is-the-altmetric-attention-score-calculated->

News	8
Blog	5
Policy document (per source)	3
Patent	3
Wikipedia	3
Twitter (tweets and retweets)	1
Peer review (Publons, Pubpeer)	1
Weibo (not trackable since 2015, but historical data kept)	1
Google+ (not trackable since 2019, but historical data kept)	1
F1000	1
Syllabi (Open Syllabus)	1
LinkedIn (not trackable since 2014, but historical data kept)	0.5
Facebook (only a curated list of public Pages)	0.25
Reddit	0.25
Pinterest (not trackable since 2013, but historical data kept)	0.25
Q&A (Stack Overflow)	0.25
Youtube	0.25
Number of Mendeley readers	0
Number of Dimensions and Web of Science citations	0



2. Evaluation and impact of scientific activity

2.3. Assessment and accreditation

Assessment agencies:

ANECA

*National Agency for Quality Assessment
and Accreditation of Spain*

Assesses, accredits and
certifies quality

Courses, professors and
institutions

Spain

To contribute to
improving the quality of
the higher education
system.

CNEAI

*Spanish National Commission for
Research Evaluation*

Assesses research
activity

University professors
and research staff of
CSIC

Spain

To recognise a
productivity
supplement for
researchers.

AQU

*Catalan University Quality
Assurance Agency*

Assesses, accredits and
certifies quality

Universities and higher
education centres
(courses, teaching staff
and services)

Catalonia

Assessment in the UPC

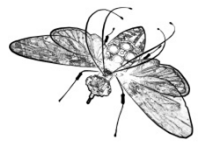


Teachers and researchers of the UPC update their curriculum in
DRAC: <http://futur.upc.edu/>

The UPC assigns:

- PATT points (technology transfer evaluation points)
https://drac.upc.edu/info/ca/menu1/principals-funcionalitats-de-drac/copy_of_lavaluacio-de-la-recerca-punts-par
- PAR points (research evaluation points)
<https://drac.upc.edu/info/ca/menu1/principals-funcionalitats-de-drac/lavaluacio-de-la-recerca-punts-par>

New: [DRAC PhD](#)



2. Evaluation and impact of scientific activity

2.3. Assessment and accreditation

Assessment of journal articles in the UPC

http://drac.upc.edu/info/ca/lavaluaciodel-curriculum-vitae/upc-punts-par/relacio-dactivitats-avaluables-amb-par/copy_of_activitats-avaluades-els-articles-en-revistes

Fields of engineering:

✓ JCR

Architecture, urban planning, social sciences and human sciences:

✓ JCR

✓ SJR

✓ A&HCI

✓ Avery Index to Architectural Periodicals

✓ RIBA catalogue

2. Evaluation and impact of scientific activity

2.3. Assessment and accreditation

Assessment in the UPC

Example: **PAR points** for journal articles:

La classificació de les revistes als efectes del càlcul dels PAR en els àmbits de l'enginyeria industrial, l'enginyeria de les TIC, l'enginyeria civil i les ciències:

Articles publicats a...	Valor en punts PAR
Revistes indexades en el JCR entre el primer decil de la seva àrea	40 PAR tipus 1
Revistes indexades en el JCR entre el primer quartil de la seva àrea	30 PAR tipus 1
Revistes indexades en el JCR entre el segon quartil de la seva àrea	24 PAR tipus 1
Revistes indexades en el JCR entre el tercer quartil de la seva àrea	20 PAR tipus 1
Revistes indexades en el JCR entre el quart quartil de la seva àrea	16 PAR tipus 1

La classificació de les revistes als efectes del càlcul dels PAR en els àmbits de l'arquitectura, l'urbanisme, l'edificació i les ciències socials i humanes:

Base de dades	Punts PAR	Criteri
1er decil JCR	40 PAR Tipus 1	
JCR Q1	30 PAR tipus 1	
JCR Q2, CiteScore percentil >= 75	24 PAR tipus 1	
JCR Q3, CiteScore percentil entre 75 i 50	20 PAR tipus 1	
JCR Q4, A&HCI	16 PAR tipus 1	
ESCI, FECYT, RIBA i Avery, ECONLIT, CiteScore percentil <= 50	12 PAR tipus 1	Revisió per parells
	8 PAR tipus 1	Comitè editorial
MIAR ICDS >=9, RIBA, Avery, Carhus+ A-B, ERIH Plus	8 PAR tipus 1	Revisió per parells
	4 PAR tipus 1	Comitè editorial
MIAR ICDS >=3.5, ICONDA, EAAE, Carhus+ C-D	4 PAR tipus 1	Revisió per parells
	4 PAR tipus 1	Comitè editorial

Assessment in the UPC

Example: **PAR points** for conferences:

La classificació de les comunicacions i ponències segons els PAR

Casuístiques	Valor en punts PAR
Articles publicats en congressos que apareixen entre les <i>Top Publications</i> de cada subàrea de Google Scholar	24 PAR tipus 1
Articles publicats en congressos que apareixen en el primer quartil de la seva àrea del SJR	20 PAR tipus 1
Articles publicats en congressos que apareixen en el segon quartil de la seva àrea del SJR	16 PAR tipus 1
Comunicacions i ponències en congrés "notable". Articles amb 4 o més pàgines	12 PAR tipus 1
Comunicacions i ponències en congrés "notable". Articles amb menys de 4 pàgines	4 PAR tipus 2
Comunicacions i ponències en congrés no considerat "notable". Text complet	4 PAR tipus 2
Abstract	2 PAR tipus 2

[List of notable conferences](#)

<https://drac.upc.edu/info/ca/lavaluaciodel-curriculum-vitae/upc-punts-par/relacio-dactivitats-avaluables-amb-par/activitats-avaluades-les-comunicacions-i-ponencies-en-congressos>

2. Evaluation and impact of scientific activity

2.3. Assessment and accreditation

The UPC's positions in the main rankings

Observatorio de rankings



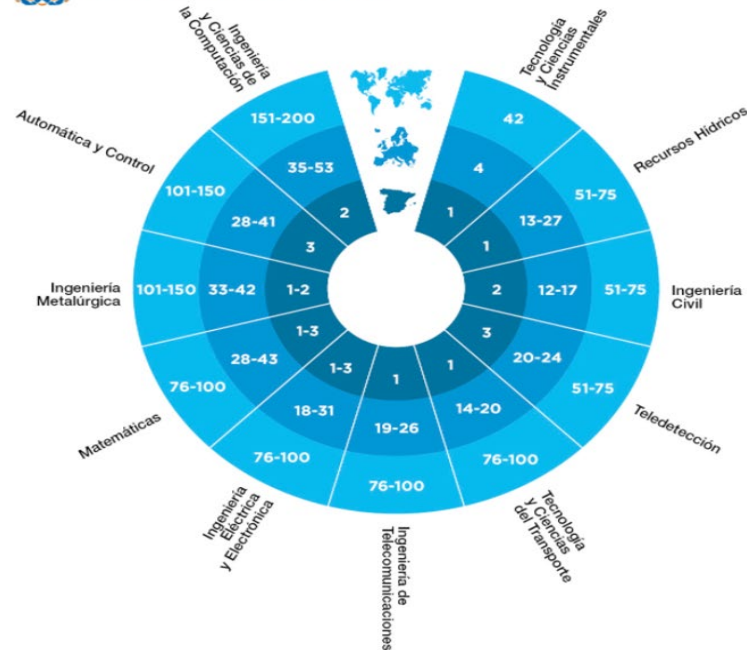
[La UPC en rankings internacionales](#) [La UPC y los rankings nacionales](#) [Otros rankings de interés](#) [Debate y difusión](#)

Usted está aquí: Inicio

Posiciones de la UPC en los principales ránquings



Shanghai Global Ranking of Academic Subjects, 2020



La UPC en los rankings destacados

Noticias

Se ha publicado la edición 2021 del Best Global Universities Rankings (US News) 08/01/2021

Se ha publicado la edición 2020 del Ranking de Taiwan (NTU Ranking) 17/12/2020

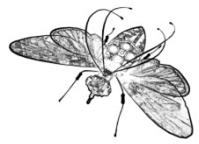
Se ha publicado la edición 2020/2021 del THE World University Ranking (WUR) 09/09/2020

Se ha publicado la edición 2020 del Ranking de Shanghai 08/09/2020

Se ha publicado la 2a edición del 2020 del Ranking Web of Universities 27/07/2020

Más noticias

FUTUR Portal de la Producción Científica



To increase the **visibility** and **impact** of our scientific activity, it is important:

- ✓ To sign publications correctly (personal name and affiliation).
- ✓ To have an ORCID code and other author identifiers (WoS ResearcherID, Scopus Author ID).
- ✓ To deposit eprints in open access repositories.
- ✓ To correctly manage researcher profiles in social media and in academic social networks.

The main **impact indicators** are based on the number of citations received.

The **evaluation** of scientific activity is closely related to the impact indicators of publications.



Doctorands

Investigar



Identificadors i perfils d'investigadors

Crea el teu perfil per identificar totes les teves publicacions



Pla de gestió de dades

Ajuda per gestionar les dades de la teva recerca



Mendeley i altres gestors

Gestiona les referències bibliogràfiques dels treballs acadèmics



Indicadors bibliomètrics i acreditacions

Avaluació i acreditació de la recerca



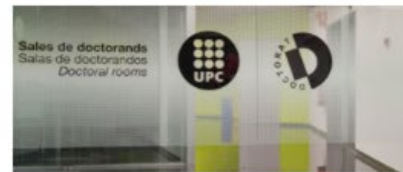
Cursos de formació

Presencials, en línia i a mida



Visibilitat a FUTUR i a UPCommons

Fes més visibles les teves publicacions



Sales de doctorands

Sales de treball exclusives a la BRGF



Préstec de documents

Demana documents de les biblioteques de la UPC





Ajuda



Contacta amb un
bibliotecari



Demana una sessió
de formació



Proposa la compra
d'un llibre



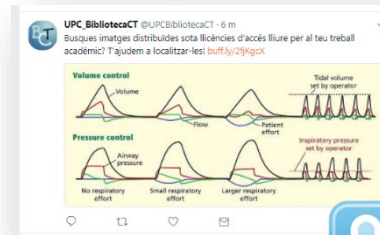
Cerques d'informació
especialitzada



<https://biblioteca.upc.edu/actualitat/xat-de-les-biblioteques>



ENGINY20



info.biblioteques@upc.edu

