



ELSEVIER

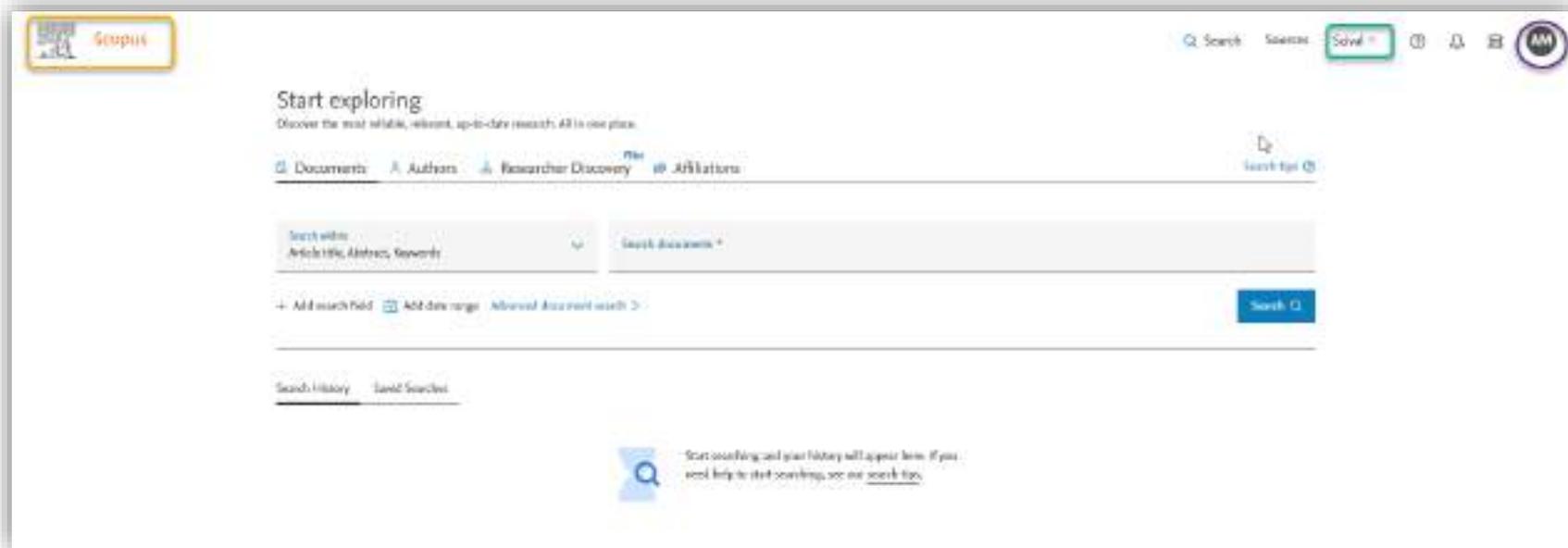
Ejemplos de casos prácticos con SciVal

Nivel intermedio

Septiembre, 2022
Annapaola Migani

HESI®

Inicio de sesión



The screenshot shows the Scopus website interface. In the top left corner, the Scopus logo is highlighted with a yellow box. The top right corner features a navigation bar with a search icon, the text "Search Sources", a "Scopus" button highlighted with a green box, and several utility icons. The main content area is titled "Start exploring" and includes a sub-header "Discover the most relevant, relevant, up-to-date research. All in one place." Below this, there are navigation tabs for "Documents", "Authors", "Researcher Discovery", and "Affiliations". A search bar is present with a dropdown menu for "Search with" (options: Article title, Abstract, Keywords) and a text input field for "Search documents". Below the search bar, there are options to "Add search field", "Add date range", and "Advanced document search". A blue "Search" button is located to the right of the search bar. At the bottom of the page, there is a "Search history" section and a message: "Start searching and your history will appear here. If you need help to start searching, see our [search tips](#)."

Welcome to SciVal



Overview >

View the research performance of Researchers, Institutions, Countries and more.



Benchmarking >

Compare and benchmark the research performance of anything in SciVal.



Collaboration >

Explore the collaboration of Institutions, Countries and Researchers.



Trends >

Dive deeper into an area of interest.



Grants >

Analyze and compare funding in areas of interest.



Impact >

Understand the broader impact of research on society.

Research Areas provided by SciVal: [Monkeypox](#) | [COVID-19 Research](#) | [View more](#)

Are you a Researcher?

See some metrics about yourself. Let's find your Scopus author profile and help you get started.

Last name

Migani



First name

Annapaola



Affiliation

Centre for Ecological Research and Forestry Applications



[I'm not a researcher – dismiss](#)

We've used your Elsevier account information to pre-fill this form for you.

[Clear all fields](#)

[Find my profile >](#)

Casos prácticos



¿Cómo se identifican las publicaciones de un centro de investigación?

¿Cuáles son los principales temas de investigación por los que un centro destaca globalmente?

Visualización de un mapa de co-autoría con VOSviewer

¿Cuáles empresas citaron las publicaciones de un centro de investigación?

¿Cuáles son las publicaciones relacionadas con los ODS de la ONU para un centro de investigación?

¿Cuál es el porcentaje de publicaciones en Q1 de un grupo dado de investigación?

Diseño de un informe de prueba en SciVal para un instituto o grupo

¿Qué pasa si uno de los autores más prolíficos se jubila o deja de trabajar para el centro?

¿Con quién podríamos colaborar y solicitar una ayuda en 'bioelectrónica basada en la melanina'?

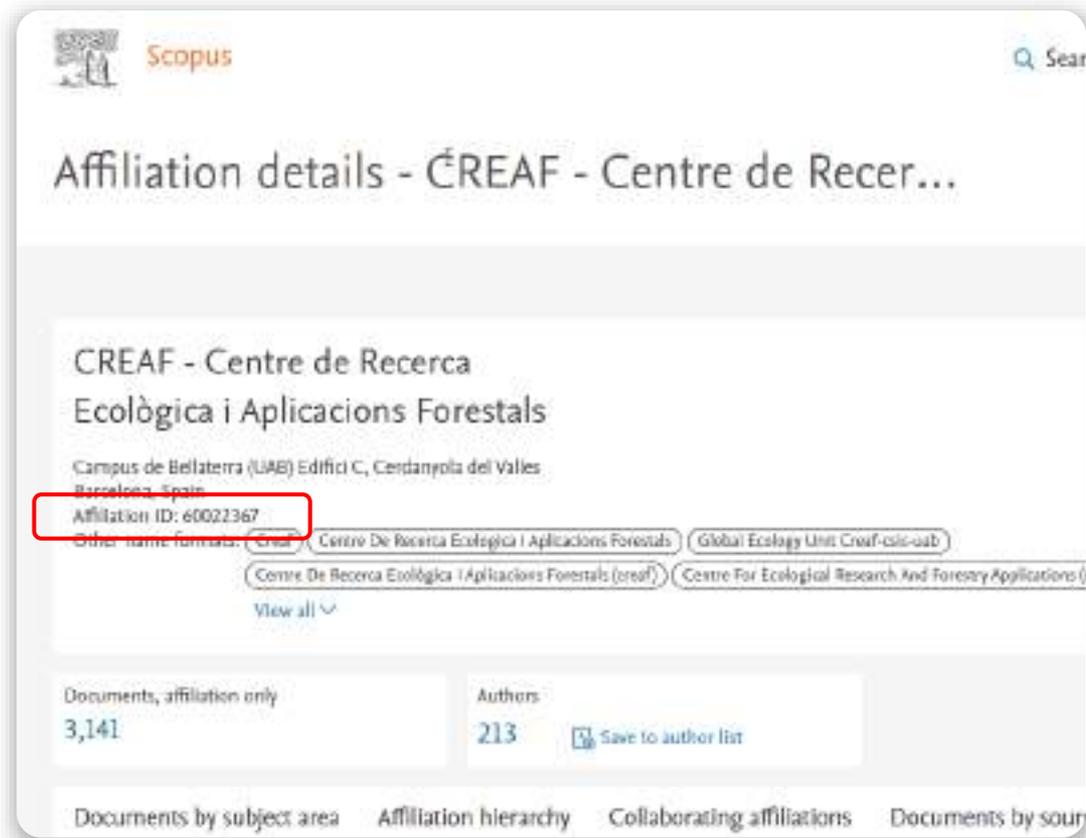
¿Cómo se puede analizar la autoría (primer autor, autor de correspondencia) en SciVal?

¿Como se identifican las publicaciones de un centro de investigación?



Centro de investigación CREAM en Scopus

- En Scopus.com las escuelas de negocios, de derecho y de medicina, así como algunos institutos de investigación más grandes y centros se han creado como **afiliaciones curadas**.
- Estas tienen un ID de afiliación con prefijo 6 (AF-ID) y pueden formar parte de una universidad o ser de titularidad conjunta de varias organizaciones.



The screenshot shows the Scopus interface for the affiliation 'CREAF - Centre de Recerca Ecològica i Aplicacions Forestals'. The affiliation ID is 60022367, which is highlighted with a red box. Below the name, there are several alternative names for the affiliation, including 'Global Ecology Unit Creaef-osis-ub' and 'Centre For Ecological Research And Forestry Applications'. At the bottom, there are statistics for documents (3,141) and authors (213), along with a 'Save to author list' button.

Scopus

Affiliation details - CREAM - Centre de Recer...

CREAF - Centre de Recerca Ecològica i Aplicacions Forestals

Campus de Bellaterra (UAB) Edifici C, Cerdanyola del Valles, Barcelona, Spain

Affiliation ID: 60022367

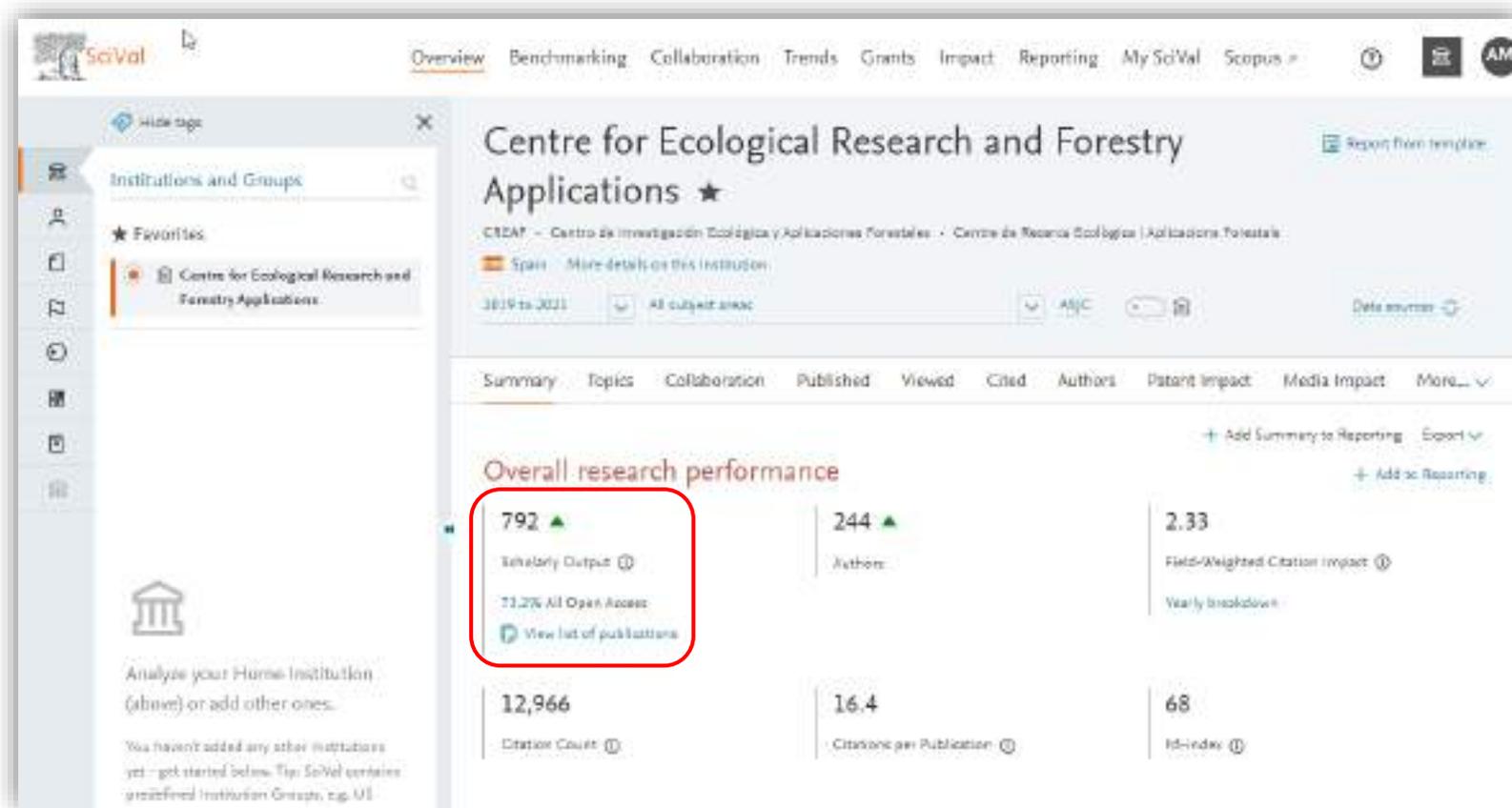
Other name formats: Creaef, Centre De Recerca Ecològica I Aplicacions Forestals, Global Ecology Unit Creaef-osis-ub, Centre De Recerca Ecològica I Aplicacions Forestals (creaf), Centre For Ecological Research And Forestry Applications (Creaef)

View all

Documents, affiliation only	Authors
3,141	213 Save to author list

Documents by subject area Affiliation hierarchy Collaborating affiliations Documents by source

Centro de investigación CREAM en SciVal



SciVal

Overview Benchmarking Collaboration Trends Grants Impact Reporting My SciVal Scopus

Hide tags

Institutions and Groups

★ Favorites

Centre for Ecological Research and Forestry Applications

Centre for Ecological Research and Forestry Applications

CREAF - Centro de Investigación Ecológica y Aplicaciones Forestales - Centre de Recerca Ecològica i Aplicacions Forestals

Spain - More details on this institution

2019 to 2021 All subject areas

ASJC

Data sources

Report from template

Summary Topics Collaboration Published Viewed Cited Authors Distort Impact Media Impact More...

+ Add Summary to Reporting Export

Overall research performance

+ Add to Reporting

792 ▲ Bibliography Output ⓘ 73.2% All Open Access View list of publications	244 ▲ Authors	2.33 Field-Weighted Citation Impact ⓘ Yearly breakdown
12,966 Citation Count ⓘ	16.4 Citations per Publication ⓘ	68 H-index ⓘ

Analyze your Home Institution (above) or add other ones.

You haven't added any other institutions yet - get started below. Tip: SciVal contains predefined Institution Groups, e.g. U1.

Hide tags

Researchers and Groups



SciVal uses author profiles from Scopus.

You haven't added any Researchers yet - see more information on the right.

My SciVal

Manage your [Researchers and Groups](#)

Search



All entities you can use in SciVal

Filter by tags



You have not defined any Researchers yet.

Here's what you can do:

Define a new [Researcher](#) (or your own author profile) by searching for name and affiliation.

[Define a new Researcher](#)

Import Researchers from an external file or a list of Scopus Author IDs.

[Import Researchers](#)

Import Researchers



1. Upload file or paste IDs

2. Refine authors

3. Organize and save

Import Researchers

Here you can import a list of Scopus authors into SciVal (max. 1,000). Where applicable, these will be added to your existing hierarchy. [Learn more >](#)

If you want to replace one or more groups, go to [Synchronize your Groups of Researchers](#)

Use a Template [Learn more >](#)

Download file

XLSX

CSV

JSON

Drop file here or click to upload
(CSV, XLS, JSON, or text file)

Paste IDs

Alternatively, you can paste a list of Scopus author IDs or ORCID IDs in this field (one ID per row, max. 1,000).

Next step >

Import Researchers

[Learn about the matching algorithm](#) ✕

1. Upload file or paste IDs

2. Refine authors

3. Organize and save

51 matched authors 

will be directly imported into Scival.

Author 	Publications
Alexña, Josep Maria	78
Andreu-Hayles, Laia	66
Andrés, Pilar	29
Bertrams, Frederic	81

[← Previous step](#)

[Save and continue later](#) →

[Next step](#) →

Import Researchers



1. Upload file or paste IDs

2. Refine authors

3. Organize and save

Entities to be imported

Search



All



- Alcañiz, Josep Maria
- Andreu-Hayles, Lera
- Andrés, Pilar
- Bartumeus, Frederic
- Bañou, Corina
- Bosch, Jordi

< Previous step

Structures to be imported

Search



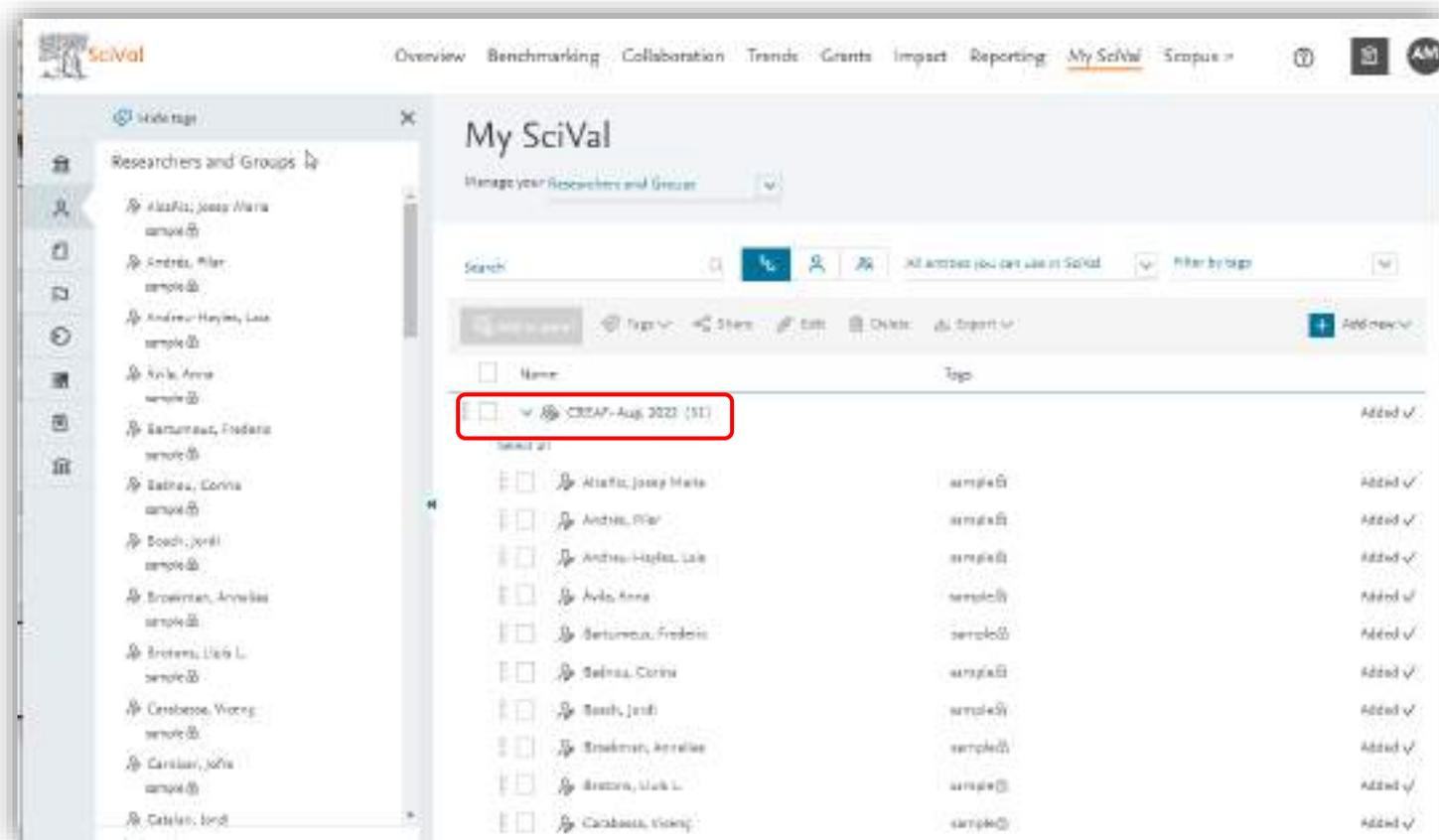
Tags

- + Add group
- CREA- Aug. 2022
 - + Add group
 - Pla-Ribes, Sergi
sample
 - Avila, Anna
sample

Save and continue later >

Save and finish >

Grupo del PDI CREAM en My SciVal



The screenshot shows the My SciVal interface. On the left, there is a sidebar with a 'Researchers and Groups' section. The main area displays a list of researchers and groups. The group 'CREAF-Aug 2022 (51)' is highlighted with a red box. Below the group name, a list of researchers is shown, each with a 'simple' icon and an 'Added' status.

Name	Tag	Status
CREAF-Aug 2022 (51)		Added ✓
Alzola, Jose Maria	simple	Added ✓
Andrés, Pilar	simple	Added ✓
Andreu-Hayles, Lale	simple	Added ✓
Avila, Anna	simple	Added ✓
Bartumeus, Frederic	simple	Added ✓
Beltra, Corina	simple	Added ✓
Bosch, Jordi	simple	Added ✓
Brownman, Annelies	simple	Added ✓
Brotens, Lisak L.	simple	Added ✓
Casabona, Vicenç	simple	Added ✓
Carlsöö, Sofia	simple	Added ✓
Catalán, Jordi	simple	Added ✓

Hide tags



My SciVal

Manage your [Researchers and Groups](#)



Search



All entities you can use in SciVal

Fiber by tags



Add to panel

Tags

Share

Edit

Delete

Export

Add new

Tags

Added ✓

Add 1 entity to selection panel



- Add to existing set
- Replace existing set

Also add all entities inside the group

Select and view [gglj](#) this set in Benchmarking

Add to panel >

> Deselect all Hide tags ✕

Institutions and Groups

★ Favorites [Select all](#) Centre for Ecological Research and Forestry Applications

Analyze your Home Institution (above) or add other ones.

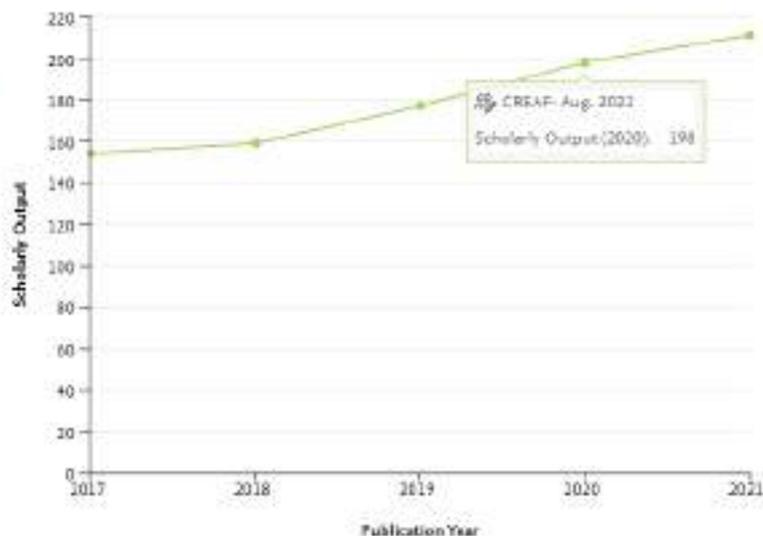
You haven't added any other institutions yet - get started below. Tip: SciVal contains predefined Institution Groups, e.g. US States, UNAcad, Ivy League etc.

[+ Add new](#)

Benchmarking

2017 to 2021 ▼ All subject areasASC ▼ [Data sources](#) ⌵All Metrics **Rankings Metrics** Table Chart[Metric guidance](#) [Add to Reporting](#) [Export](#) ⌵y-axis ⌵x-axis ⌵Bubble size ⌵Scholarly Output ✳

Publication Year



CREA-F Aug. 2022

[Hide all chart labels](#)[View list of Scopus Sources for the selected Researchers and Groups](#)

> Deselect all Hide tags

Institutions and Groups

★ Favorites [Select all](#)

Centre for Ecological Research and Forestry Applications

Benchmarking

2017 to 2021 All subject areas ASIC (1) [Data sources](#)

All Metrics Rankings Metrics

Table Chart [Metric guidance](#) [Add to Reporting](#) [Export](#)

Benchmark one metric over time [Benchmark multiple metrics](#) Heatmap

Metric: [Scholarly Output](#)

Entity	2017	2018	2019	2020	2021	Overall
CREA-F Aug. 2022	154	155	177	198	211	899

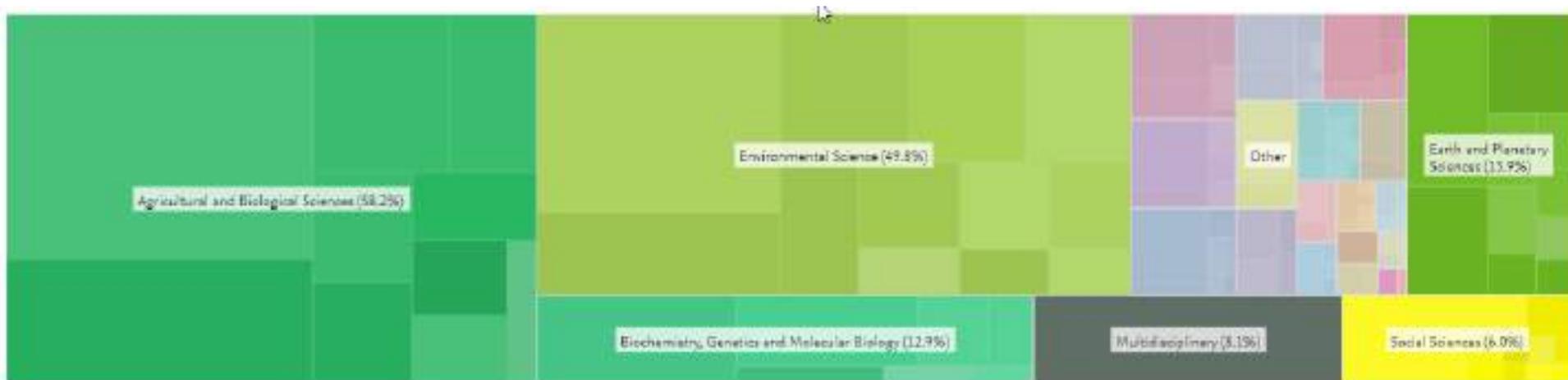
[View list of Scopus Sources for the selected Researchers and Groups](#)

Este grupo y los perfiles de los autores asociados no han sido validados con el personal competente. En la práctica, es aconsejable trabajar con los directores de investigación para garantizar que los perfiles de grupo y los perfiles de los autores sean correctos y el personal competente intervenga para solucionar cualquier problema antes de generar cualquier informe o análisis.

¿Cuáles son los principales temas de investigación por los que un centro destaca globalmente?

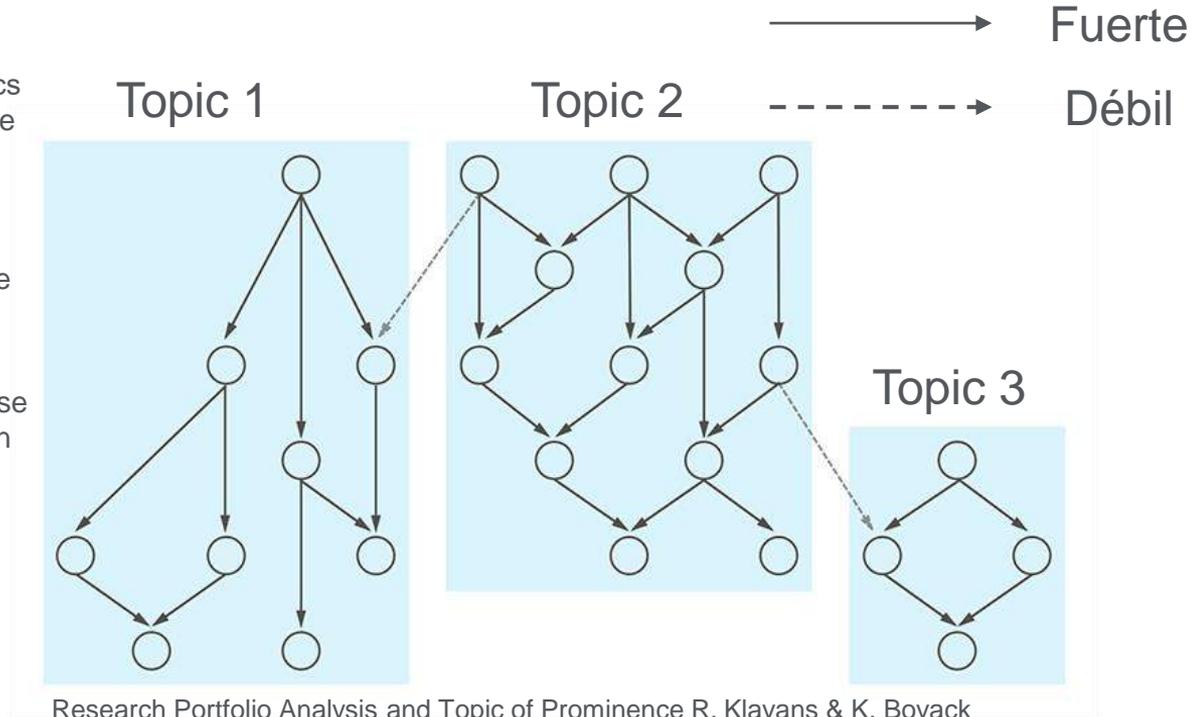


Categorías temáticas ASJC, CREAMF 2017 - 2021



Temas de prominencia

- Los temas prominentes (en inglés “Topics of Prominence”) son un nuevo método de clasificación para las publicaciones que permite identificar los temas de investigación de alto desempeño
- El 95% de los artículos de Scopus puede agruparse en unos 96.000 temas de investigación globales y específicos
- Los temas están diseñados para ajustarse al nivel de las preguntas de investigación y están creados mediante la agrupación de artículos con fuertes vínculos de citación
- Los clústeres temáticos se forman agregando temas individuales con un interés de investigación similar



Topics, CREAM 2017 - 2021

4414 papers | 126 subclusters | 43 clusters | 140 clusters | 1 of 10 items per page

		2017-2021	2017-2021	2017-2021	2017-2021
	Topic	Scholarly Output	Publication Rate	Full English Output	Percentage growth
011	The Hunting-Caribou (HCC) and the...	77	1.119	1.01	91.22
012	Diabetes and cardiovascular disease (DCC)	46	1.473	1.07	91.91
013	Neuroendocrine System (NES) and the...	41	1.476	1.04	91.93
014	Neuroendocrine System (NES) and the...	39	1.482	1.04	91.93
015	Neuroendocrine System (NES) and the...	37	1.476	1.05	91.71
016	Neuroendocrine System (NES) and the...	37	1.476	1.05	91.71

data set | Top 100 Topics by Scholarly Output

Year range: 2017 to 2021

Subject classification: All

Filtering: not filtered

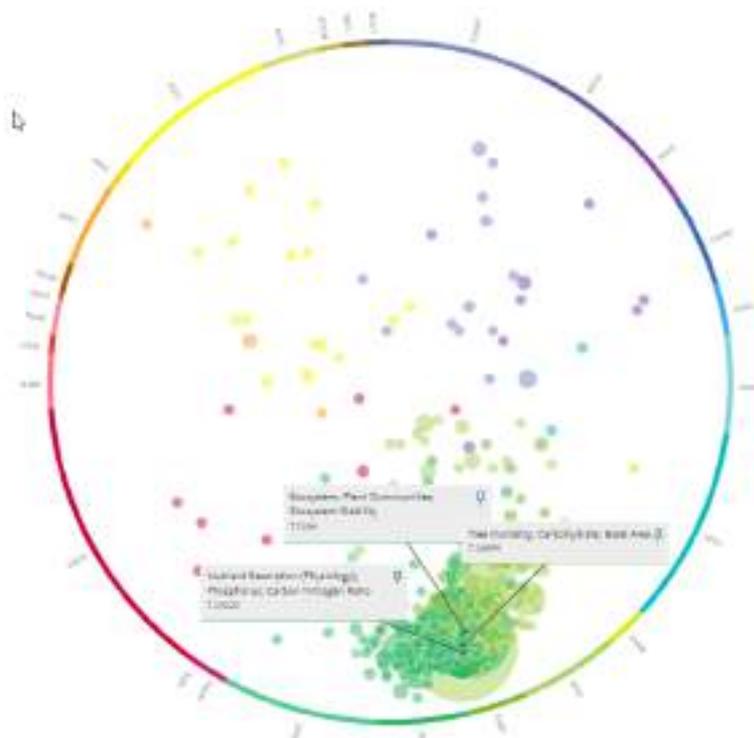
Types of publications in all publication types: included

Date range: 2017

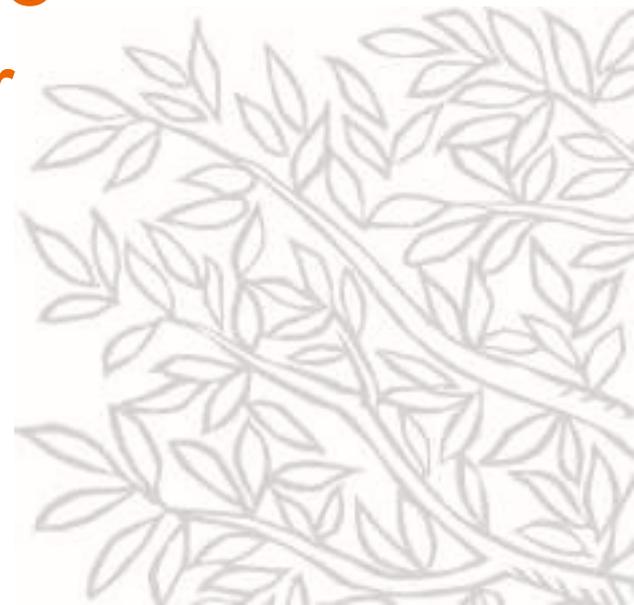
Date last updated: 31 August 2022

Date exported: 7 September 2022

Topic	Topic Number	2017-2021 Scholarly Output	Publication Rate (%)	Full English Output	Percentage growth
The Hunting-Caribou (HCC) and the...	011	77	1.119	1.01	91.22
Diabetes and cardiovascular disease (DCC)	012	46	1.473	1.07	91.91
Neuroendocrine System (NES) and the...	013	41	1.476	1.04	91.93
Neuroendocrine System (NES) and the...	014	39	1.482	1.04	91.93
Neuroendocrine System (NES) and the...	015	37	1.476	1.05	91.71
Neuroendocrine System (NES) and the...	016	37	1.476	1.05	91.71
Neuroendocrine System (NES) and the...	017	36	1.481	1.04	91.71
Neuroendocrine System (NES) and the...	018	35	1.481	1.04	91.71
Neuroendocrine System (NES) and the...	019	34	1.481	1.04	91.71
Neuroendocrine System (NES) and the...	020	33	1.481	1.04	91.71



Visualización de un mapa de co-autoría con VOSviewer



Análisis de redes con VOSviewer

- VOSviewer es una herramienta desarrollada por Nees Jan van Eck y Ludo Waltman del CWTS de Leiden. Puede utilizarse para crear y visualizar redes de citas. Las últimas versiones para Windows, Mac y otros sistemas pueden descargarse de <https://www.vosviewer.com/download>.
- Para crear un mapa de coautoría en VOSviewer necesitamos la información de citación de una exportación .csv de Scopus.
- Cargaremos dicho fichero en VOSviewer para crear un mapa de co-autoría para el CREA F para las publicaciones desde 2017 hasta el presente (extracción 9 Sept. 2022).

Publicaciones CREAM 2017 - Presente



Scopus

1,487 document results

AF-ID: "CREAF - Centre de Recerca Ecològica i Aplicacions Forestals" 4902367 AND (LIMITED(PUBYEAR, 2017) OR LIMITED(PUBYEAR, 2018) OR LIMITED(PUBYEAR, 2019) OR LIMITED(PUBYEAR, 2020) OR LIMITED(PUBYEAR, 2021) OR LIMITED(PUBYEAR, 2022))

CSV File exported, see your downloaded file for more details.

Search within results...

Analyze search results

Refine results

- Open Access
- All Open Access (1,018)
- Gold (402)
- Hybrid Gold (368)
- Bronze (132)
- Green (645)

View abstract | Download | View citation overview | View cited by | Save to list

Document title	Authors	Year	Source	Cited by
1. Temperature increase reduces global yields of major crops in four independent estimates Open Access	Zhao, C., Liu, B., Piao, S., (-), Zhu, Z., Wang, S.	2017	Proceedings of the National Academy of Sciences of the United States of America 114(15), pp. 9324-9328	882
2. Global Carbon Budget 2017 Open Access	Le Quéré, C., Andrew, R.M., Friedlingstein, P., (-), Zander, S., Zhu, D.	2018	Earth System Science Data 10(5), pp. 405-468	630

¿Cuáles empresas citaron las publicaciones del CREAM?



Publications in CREAM- Aug. 2022

Year range: 2017 to 2021 | Only publications affiliated with the Centre for Ecological Research and Forestry Applications included

Export

Authors

- Sardans, J. 150
- Penuelas, J. 130
- Penuelas, J. 131
- Mencuccini, M. 59
- Janssens, I.A. 56

Show more View all

Institutions

- Autonomous University of Barcelona 757
- Centre for Ecological Research and Forestry Applications 757
- Generalitat de Catalunya 757
- Institut d'Estudis Catalans 757
- CSIC 462

Show more View all

Publication years

Apply filter Options

757 publications | Save as Publication Set

Title	Authors	Year	Scopus Source	
A multi-species synthesis of physiological mechanisms in drought-induced tree mortality Open Access View abstract View in Scopus	Adams, H.O., Zeppel, M.J.B., Anderegg, W.R.L. and 59 more	2017	Nature Ecology and Evolution	
TRY plant trait database – enhanced coverage and open access Open Access View abstract View in Scopus	Wattge, J., Börsch, G., Diac, S. and 723 more	2020	Global Change Biology	475
Contribution of citizen science towards international biodiversity monitoring Open Access View abstract View in Scopus	Chandler, M., Seb, L., Copas, K. and 9 more	2017	Biological Conservation	310
A synthesis of radial growth patterns preceding tree mortality Open Access View abstract View in Scopus	Caillere, M., Jansen, S., Robert, E.M.R. and 67 more	2017	Global Change Biology	288
Global trait–environment relationships of plant communities Open Access View abstract View in Scopus	Bruelheide, H., Dengler, J., Puschke, O. and 102 more	2018	Nature Ecology and Evolution	237
Water potential regulation, stomatal behaviour and hydraulic transport under drought: deconstructing the isohydric concept Open Access	Martínez-Vilalta, J., García-Ferraz, N.	2017	Plant Cell and Environment	226

Export spreadsheet
Print

Export publications



Select the fields you want to include in the export for your selected publications. Last selected options are remembered.

* in publication year

Select all | Deselect all | Reset to default selection

<input type="checkbox"/> Publication basics	<input type="checkbox"/> Publication details	<input type="checkbox"/> Author/Affiliations	<input type="checkbox"/> Publication metrics	<input type="checkbox"/> Scopus Source related	<input type="checkbox"/> Topic related
<input checked="" type="checkbox"/> Title	<input checked="" type="checkbox"/> Reference	<input type="checkbox"/> Scopus Affiliation IDs	<input type="checkbox"/> Views	<input type="checkbox"/> Volume	<input type="checkbox"/> Topic Cluster name
<input checked="" type="checkbox"/> Authors	<input checked="" type="checkbox"/> Abstract	<input type="checkbox"/> Scopus Affiliation names	<input type="checkbox"/> Field-Weighted Views Impact	<input type="checkbox"/> Issue	<input type="checkbox"/> Topic Cluster number
<input checked="" type="checkbox"/> Year	<input checked="" type="checkbox"/> EID (Scopus ID)	<input type="checkbox"/> Number of Authors	<input checked="" type="checkbox"/> Citations	<input type="checkbox"/> Pages	<input type="checkbox"/> Topic name
<input type="checkbox"/> Full date	<input type="checkbox"/> PubMed ID	<input type="checkbox"/> Scopus Author IDs	<input type="checkbox"/> Field-Weighted Citation Impact	<input type="checkbox"/> Article number	<input type="checkbox"/> Topic number
<input checked="" type="checkbox"/> Scopus Source title	<input type="checkbox"/> Sustainable Development Goals (2022)	<input type="checkbox"/> Scopus Author ID First Author	<input type="checkbox"/> Field-Citation Average	<input type="checkbox"/> ISSN	<input type="checkbox"/> Topic Cluster Prominence Percentile
<input checked="" type="checkbox"/> DOI	<input type="checkbox"/> All Science Journal Classification (ASJC)	<input type="checkbox"/> Scopus Author ID Last Author	<input type="checkbox"/> Outputs in Top Citation Percentiles, per percentile	<input type="checkbox"/> Source ID	<input type="checkbox"/> Topic Prominence Percentile
<input type="checkbox"/> Publication type	<input type="checkbox"/> Code	<input type="checkbox"/> Scopus Author ID Corresponding Author	<input type="checkbox"/> Field-Weighted Outputs in Top Citation Percentiles, per percentile	<input type="checkbox"/> Source type	<input type="checkbox"/> Topic Prominence Percentile
<input type="checkbox"/> Open Access	<input type="checkbox"/> Field name	<input type="checkbox"/> Scopus Author ID Single Author	<input type="checkbox"/> Patent citations	<input type="checkbox"/> CiteScore*	
<input type="checkbox"/> Institutions	<input type="checkbox"/> Quaoquarelli Symonds (QS)	<input type="checkbox"/> Country/Region	<input type="checkbox"/> Policy citations	<input type="checkbox"/> CiteScore percentile*	
<input type="checkbox"/> Number of Institutions	<input type="checkbox"/> Code			<input type="checkbox"/> SNIP*	
	<input type="checkbox"/> Field name			<input type="checkbox"/> SNIP percentile*	
	<input type="checkbox"/> Time Higher Education (THE)			<input type="checkbox"/> SJR*	
	<input type="checkbox"/> Code			<input type="checkbox"/> SJR percentile*	
	<input type="checkbox"/> Field name				



AutoSave On Publications_in_CREAF_Aug_2017_to_2021 - Saving...

File Home Insert Page Layout Formulas Data Review View Help

Cut Copy Format Painter Clipboard Font Paragraph Alignment

Calibri - 11 A A

Clipboard Font Paragraph Alignment

EID

	A	B	C	D	E	F	G	H	I	J
1	Data set	Publications in CREAF- Aug. 2022								
2	Year range	2017 to 2021								
3	Subject (t)ASJC									
4	Filtered by not filtered									
5	Types of pAll publication types									
6	Self-citati-									
7										
8	Data sourScopus									
9	Date last (23 August 2022									
10	Date exp(3 September 2022									
11										
12	757 publicattons									
13										
14	Truncated	Some Authors cells are truncated and therefore show the first 500 Authors.								
15										
16	Title	Authors	Year	Scopus So Citations	Reference Abstract	DOI	EID			
17	A multi-sp	Adams, H.	2017	Nature Ec	494 Adams, H. https://w.10.1038/s.	2-52.0-85011921138				
18	TRY plant	Katge, J.	2020	Global Ch.	475 Katge, J. https://w.10.1111/g.	2-52.0-85075196338				
19	Contribut	Chandler,	2017	Biological	310 Chandler. https://w.10.1016/j.	2-52.0-85085924109				
20	A synthe	Caillieret,	2017	biolobal Ch.	268 Caillieret. https://w.10.1111/g.	2-52.0-85001790771				
21	Global tra	Bruehlheid	2018	Nature Ec	237 Bruehlheid https://w.10.1038/s.	2-52.0-85036991288				
22	Water pot	Martinez-	2017	Plant Cell	226 Martinez- https://w.10.1111/p.	2-52.0-85086964340				
23	Drivers an	McDowell	2018	New Phyt	224 McDowell https://w.10.1111/n.	2-52.0-85042113356				
24	Tree mort	Greenwo	2017	Ecology Lt	220 Greenwo https://w.10.1111/e.	2-52.0-85013480711				
25	Research	Hartmann	2018	New Phyt	209 Hartmann https://w.10.1111/n.	2-52.0-85042551215				
26	Ecology at	Hampton,	2017	Ecology Lt	201 Hampton. https://w.10.1111/w.	2-52.0-85095784391				

Sheet0

AutoSave On Publications_in_CREAF_Aug_2022

File Home Insert Page Layout Formulas Data Review

Cut Copy Format Painter Clipboard Font Paragraph Alignment

Calibri - 11 A A

Clipboard Font Paragraph Alignment

E1

=CONCATENATE(A1,B1,D1)

	A	B	C	D	E	F	G
1	EID(2-52.0-85031921138)		EID(2-52.0-85031921138)		
2	OR EID(2-52.0-85075196338)		OR EID(2-0-85075196338)		
3	OR EID(2-52.0-85003924109)		OR EID(2-0-85003924109)		
4	OR EID(2-52.0-85001790771)		OR EID(2-0-85001790771)		
5	OR EID(2-52.0-85056991288)		OR EID(2-0-85056991288)		
6	OR EID(2-52.0-8500964340)		OR EID(2-0-8500964340)		
7	OR EID(2-52.0-85042113356)		OR EID(2-0-85042113356)		
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9	OR EID(2-52.0-85042551215)		OR EID(2-0-85042551215)		
10	OR EID(2-52.0-85005784391)		OR EID(2-0-85005784391)		
11	OR EID(2-52.0-85018321821)		OR EID(2-0-85018321821)		
12	OR EID(2-52.0-85072655829)		OR EID(2-0-85072655829)		
13	OR EID(2-52.0-85070390480)		OR EID(2-0-85070390480)		
14	OR EID(2-52.0-85014280596)		OR EID(2-0-85014280596)		
15	OR EID(2-52.0-8508964348)		OR EID(2-0-8508964348)		
16	OR EID(2-52.0-85018772139)		OR EID(2-0-85018772139)		
17	OR EID(2-52.0-85047177487)		OR EID(2-0-85047177487)		
18	OR EID(2-52.0-85019263098)		OR EID(2-0-85019263098)		
19	OR EID(2-52.0-85043575354)		OR EID(2-0-85043575354)		
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2	Negative impacts of human disturbances on the seed bank of subalpine forests are offset by climatic factors	Cao, J., Li, B., Qi, R., (-), Borker, C.C., Zhao, Z.	2022	Science of the Total Environment 851, 158049	0
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3	Enhanced statistical evaluation of fluorescence properties to identify dissolved organic matter dynamics during river high-flow events Open Access	Pei, S., Vybornova, A., Sasojevic, Z., (-), Ziemer, M., Zobel, O.	2022	Science of the Total Environment 851, 158056	0
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3.	<input type="checkbox"/>  Desert Botanical Garden	11	295	2.64	186
4.	<input type="checkbox"/>  Corporación Colombiana de Investigación Agropecuaria - Agrosavia	9	337	1.31	103
5.	<input type="checkbox"/>  Électricité de France S.A.	7	180	2.56	165
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7.	<input type="checkbox"/>  BASF	7	196	3.12	118
8.	<input type="checkbox"/>  German Collection of Microorganisms and Cell Cultures	7	398	2.96	146
9.	<input type="checkbox"/>  Royal Botanic Gardens Sydney	7	341	3.01	181
10.	<input type="checkbox"/>  Argans Ltd.	6	516	2.50	205

OBJETIVOS DE DESARROLLO SOSTENIBLE

¿Cuáles son las publicaciones relacionadas con los ODS de la ONU para un centro de investigación?



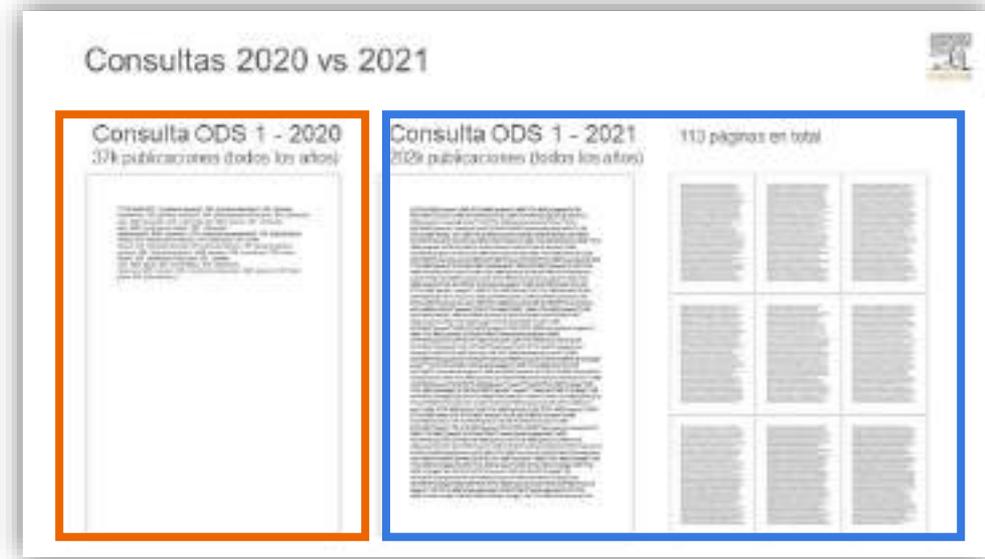
Desarrollo de las consultas sobre los ODS



Las consultas y la documentación que respaldan la metodología de búsqueda de **2020** siguen estando disponibles de [forma gratuita en Digital Commons Data](#)
Las consultas y la documentación que respaldan la metodología de búsqueda de **2021** están disponibles de [forma gratuita en Digital Commons Data](#)
Herramienta en línea para proporcionar comentarios sobre un conjunto aleatorio de publicaciones para evaluar la calidad de la asignación de las publicaciones a un ODS <https://sdgresources.relx.com/match-research-to-sdgs>

Mapeo de los ODS de Elsevier 2021

1. Utiliza un número significativamente mayor de términos de búsqueda que las consultas anteriores de Elsevier
2. Las consultas se perfeccionaron mediante un modelo de aprendizaje automático, lo que ha contribuido a aumentar la exhaustividad* de los documentos mapeados en un ~10% adicional por ODS
3. Recupera* de media el doble de publicaciones que la versión de 2020, manteniendo la precisión por encima del 80%.
4. Los resultados tienen un mejor solapamiento con los de las consultas de los ODS de otros proyectos independientes



* La recuperación es difícil de evaluar, ya que no existe un "estándar de oro" producido manualmente de un buen tamaño para medir la Calidad de la consulta. El enfoque adoptado fue comparar el conjunto de publicaciones devuelto por cada consulta con otros conjuntos de publicaciones que se espera que contengan publicaciones relevantes para cada ODS. Por ejemplo, en el ODS 1 - No a la pobreza, un conjunto de comparación utilizado fue el de las publicaciones en el Journal of Poverty. Para cada ODS se utilizaron alrededor de 50 conjuntos de comparación diferentes, cuya calidad también se evaluó, con el fin de proporcionar una estimación sólida de la recuperación para cada consulta de ODS.

Los ODS de Elsevier 2022 ahora son visibles en SciVal



- Para 2022, todos los ODS utilizaron exactamente la misma consulta de búsqueda y el mismo algoritmo de ML que el mapeo 2021, excepto el ODS 3. Con nuestros colaboradores académicos, acordamos que los términos de búsqueda relacionados con Covid debían añadirse al ODS 3: Salud y bienestar. No hemos realizado ningún cambio en el algoritmo ML.
- La consulta Covid añade algo más de 190.000 publicaciones al ODS 3, de entre unas 300.000 publicaciones que contienen términos relacionados con Covid. Nos centramos en la salud pública, la medicina clínica y la investigación biomédica, evitando las publicaciones relacionadas con el impacto de la pandemia en ámbitos de investigación ajenos a la salud (por ejemplo, económico, político, etc.).

Documentación sobre el mapeo de los ODS de Elsevier 2022



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Elsevier 2022 Sustainable Development Goals (SDG) Mapping

Published: 12 July 2022 | Version 1 | DOI: 10.17632/6bjy52jkm9.1
Contributors: Guillaume Roberge, Yury Kashnitsky, Chris James

Description

The United Nations Sustainable Development Goals (SDGs) challenge the global community to build a world where no one is left behind.

Since 2018, Elsevier has generated SDG search queries to help researchers and institutions track and demonstrate progress toward the SDG targets. In the past 3 years, these queries, along with the university's own data and evidence supporting progress and contributions to the particular SDG outside of research-based metrics, are used for the THE Impact Rankings.

For 2022, all SDGs used the exact same search query and ML algorithm as the Elsevier 2021 SDG mapping, except SDG 3. Working in conjunction with our university partners, we agreed that Covid related search terms should be added to SDG 3 - Good health and well-being. We made no changes to the ML algorithm.

The newly added Covid query adds a little more than 190,000 publications to SDG 3, out of about 300,000 publications containing Covid related

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Los ODS en SciVal

- En SciVal se pueden encontrar las consultas iniciales 2020 y las actualizadas 2022
- Sólo se han podido desarrollar consultas de búsqueda para los ODS 1 a 16, por lo que hay 16 áreas de investigación para cada grupo de consultas
- Estos "mapeos" no analizan el impacto real de la investigación, sino que pretenden captar si la investigación está dirigida o relacionada con problemas o tecnologías que pueden contribuir a mejorar la sostenibilidad

UN Sustainable Development Goals - SDGs 2020

UN Sustainable Development Goals - SDGs 2022

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SDG 7: Affordable and Clean Energy (2022)

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SDG 11: Sustainable Cities and Communities (2022)

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A multi-species synthesis of physiological mechanisms in drought-induced tree mortality Open Access > View abstract View in Scopus >	Adams, H.O., Zeppel, M.J.B., Anderegg, W.R.L. and 59 more	2017	Nature Ecology and Evolution	
TRY plant trait database – enhanced coverage and open access Open Access > View abstract View in Scopus >	Wattge, J., Börsch, G., Diac, S. and 723 more	2020	Global Change Biology	475
Contribution of citizen science towards international biodiversity monitoring Open Access > View abstract View in Scopus >	Chandler, M., Seb, L., Copas, K. and 9 more	2017	Biological Conservation	310
A synthesis of radial growth patterns preceding tree mortality Open Access > View abstract View in Scopus >	Caillere, M., Jansen, S., Robert, E.M.R. and 67 more	2017	Global Change Biology	288
Global trait–environment relationships of plant communities Open Access > View abstract View in Scopus >	Bruelheide, H., Dengler, J., Puschke, O. and 102 more	2018	Nature Ecology and Evolution	237
Water potential regulation, stomatal behaviour and hydraulic transport under drought: deconstructing the isohydric concept Open Access	Martínez-Vilalta, J., García-Ferran, N.	2017	Plant Cell and Environment	226

Export spreadsheet
Print

Export publications



Select the fields you want to include in the export for your selected publications. Last selected options are remembered.

* in publication year



Select all | Deselect all | Reset to default selection

<input type="checkbox"/> Publication basics	<input type="checkbox"/> Publication details	<input type="checkbox"/> Author/Affiliations	<input type="checkbox"/> Publication metrics	<input type="checkbox"/> Scopus Source related	<input type="checkbox"/> Topic related
<input checked="" type="checkbox"/> Title	<input checked="" type="checkbox"/> Reference	<input type="checkbox"/> Scopus Affiliation IDs	<input type="checkbox"/> Views	<input type="checkbox"/> Volume	<input type="checkbox"/> Topic Cluster name
<input checked="" type="checkbox"/> Authors	<input checked="" type="checkbox"/> Abstract	<input type="checkbox"/> Scopus Affiliation names	<input type="checkbox"/> Field-Weighted Views Impact	<input type="checkbox"/> Issue	<input type="checkbox"/> Topic Cluster number
<input checked="" type="checkbox"/> Year	<input checked="" type="checkbox"/> EID (Scopus ID)	<input type="checkbox"/> Number of Authors	<input checked="" type="checkbox"/> Citations	<input type="checkbox"/> Pages	<input type="checkbox"/> Topic name
<input type="checkbox"/> Full date	<input type="checkbox"/> PubMed ID	<input type="checkbox"/> Scopus Author IDs	<input type="checkbox"/> Field-Weighted Citation Impact	<input type="checkbox"/> Article number	<input type="checkbox"/> Topic number
<input checked="" type="checkbox"/> Scopus Source title	<input checked="" type="checkbox"/> Sustainable Development Goals (2022)	<input type="checkbox"/> Scopus Author ID First Author	<input type="checkbox"/> Field-Citation Average	<input type="checkbox"/> ISSN	<input type="checkbox"/> Topic Cluster Prominence Percentile
<input checked="" type="checkbox"/> DOI	<input type="checkbox"/> All Science Journal Classification (ASJC)	<input type="checkbox"/> Scopus Author ID Last Author	<input type="checkbox"/> Outputs in Top Citation Percentiles, per percentile	<input type="checkbox"/> Source ID	<input type="checkbox"/> Topic Prominence Percentile
<input type="checkbox"/> Publication type	<input type="checkbox"/> Code	<input type="checkbox"/> Scopus Author ID Corresponding Author	<input type="checkbox"/> Field-Weighted Outputs in Top Citation Percentiles, per percentile	<input type="checkbox"/> Source type	
<input type="checkbox"/> Open Access	<input type="checkbox"/> Field name	<input type="checkbox"/> Scopus Author ID Single Author	<input type="checkbox"/> Patent citations	<input type="checkbox"/> CiteScore*	
<input type="checkbox"/> Institutions	<input type="checkbox"/> Quaoquarelli Symonds (Q5)	<input type="checkbox"/> Scopus Author ID Country/Region	<input type="checkbox"/> Policy citations	<input type="checkbox"/> CiteScore percentile*	
<input type="checkbox"/> Number of Institutions	<input type="checkbox"/> Code			<input type="checkbox"/> SNIP*	
	<input type="checkbox"/> Field name			<input type="checkbox"/> SNIP percentile*	
	<input type="checkbox"/> Time Higher Education (THE)			<input type="checkbox"/> SJR*	
	<input type="checkbox"/> Code			<input type="checkbox"/> SJR percentile*	
	<input type="checkbox"/> Field name				

Cancel | Export CSV | Export XLSX

¿Cuántas publicaciones de CREA F que se corresponden con el ODS 15 Vida de Ecosistemas Terrestres definición 2022?



Autosave - Publications in CREA F - Aug. 2022 - 2017 to 2021 - SDG - Saving - Search

File Home Insert Page Layout Formulas Data Review View Help

Clipboard Font Alignment Number

Sustainable Development Goals (2022)

- 1 Data set: Publications in CREA F - Aug. 2022
- 2 Year range: 2017 to 2021
- 3 Subject: All
- 4 Filtered: In not filtered
- 5 Types of All publication types
- 6 Self-cited
- 7
- 8 Data from: Scopus
- 9 Date last: 23 August 2022
- 10 Date exp: 3 September 2022
- 11
- 12 757 publications
- 13
- 14 Truncated: Some Authors cells are truncated and therefore show the first 500 Authors.
- 15
- 16 Title Author(s) Year Scopus So Citations Reference Abstract DOI EID Sustainable Development Goals (2022)
- 17 A multi-adj Adams, M. 2017 Nature Co 494 Adams, M. <https://doi.org/10.1038/s41586-017-0000-0> 2-62 0-850 SDG 15
- 18 TRF plant Kettle, J. 2019 Global Ch 475 Kettle, J. <https://doi.org/10.1111/gp.12-62 0-850 SDG 15>
- 19 Contributor Chandler, 2017 Biological 310 Chandler, <https://doi.org/10.1016/j.2-62 0-850 SDG 15>
- 20 A synthesis Cailleret, 2017 Global Ch 288 Cailleret, <https://doi.org/10.1111/gp.12-62 0-850 ->
- 21 Global tree Bruelweid 2018 Nature Co 387 Bruelweid <https://doi.org/10.1038/s41586-018-0000-0>
- 22 Water port Martinez- 2017 Plant Cell 226 Martinez- <https://doi.org/10.1111/p.12-62 0-850 ->
- 23 On one's an McDowell 2018 New Phyt 224 McDowell <https://doi.org/10.1111/n.12-62 0-850 SDG 15>
- 24 The most Ordoñez 2017 Ecology L 220 Ordoñez <https://doi.org/10.1111/e.12-62 0-850 SDG 15>
- 25 Research Hartmann 2018 New Phyt 309 Hartmann <https://doi.org/10.1111/n.12-62 0-850 SDG 15>
- 26 Ecology in Hampton, 2017 Ecology L 201 Hampton, <https://doi.org/10.1111/e.12-62 0-850 ->

Autosave - Publications in CREA F - Aug. 2022 - 2017 to 2021 - SDG - Saving - Search

File Home Insert Page Layout Formulas Data Review View Help

Clipboard Font Alignment Number

167

- 1 Data set: Publications in CREA F - Aug. 2022
- 2 Year range: 2017 to 2021
- 3 Subject: All
- 4 Filtered: In not filtered
- 5 Types of All publication types
- 6 Self-cited
- 7
- 8 Data from: Scopus
- 9 Date last: 23 August 2022
- 10 Date exp: 3 September 2022
- 11
- 12 757 publications
- 13
- 14 Truncated: Some Authors cells are truncated and therefore show the first 500 Authors.
- 15
- 16 Title Author(s) Year Scopus Citations Reference Abstract DOI EID Sustainable Development Goals (2022)
- 17 TRF plant Kettle, J. 2019 Global Ch 475 Kettle, J. <https://doi.org/10.1111/gp.12-62 0-850 SDG 15>
- 18 Contributor Chandler, 2017 Biological 310 Chandler, <https://doi.org/10.1016/j.2-62 0-850 SDG 15>
- 19 Research Hartmann 2018 New Phyt 309 Hartmann <https://doi.org/10.1111/n.12-62 0-850 SDG 15>
- 20 Forest ma Tong, X. | I 2018 Nature Co 114 Tong, X., <https://doi.org/10.1038/s41586-018-0000-0> 2-62 0-850 SDG 15 | 108 12 | 906 13 | 906 15
- 21 Plant tree Sardans, J 2017 Global Ch 99 Sardans, J <https://doi.org/10.1111/g.12-62 0-850 SDG 15>
- 22 Urbanized Soil, D. | Br 2017 Ecology L 94 Soil, D., <https://doi.org/10.1111/e.12-62 0-850 SDG 15>
- 23 Response Schmitt, F 2019 Environm 89 Schmitt, F <https://doi.org/10.1016/j.2-62 0-850 SDG 15 | SDG 13 | SDG 15>
- 24 Deforesta Armerter 2017 Global En 82 Armerter <https://doi.org/10.1016/j.2-62 0-850 SDG 15 | SDG 13 | SDG 15>
- 25 A review Gobias-M 2017 Global En 76 Gobias-M <https://doi.org/10.1016/j.2-62 0-850 SDG 15 | SDG 15>
- 26 Afforestation Hong, S. 2018 Nature Co 74 Hong, S., <https://doi.org/10.1038/s41586-018-0000-0>

Ejemplos de casos prácticos con SciVal - Septiembre 2022

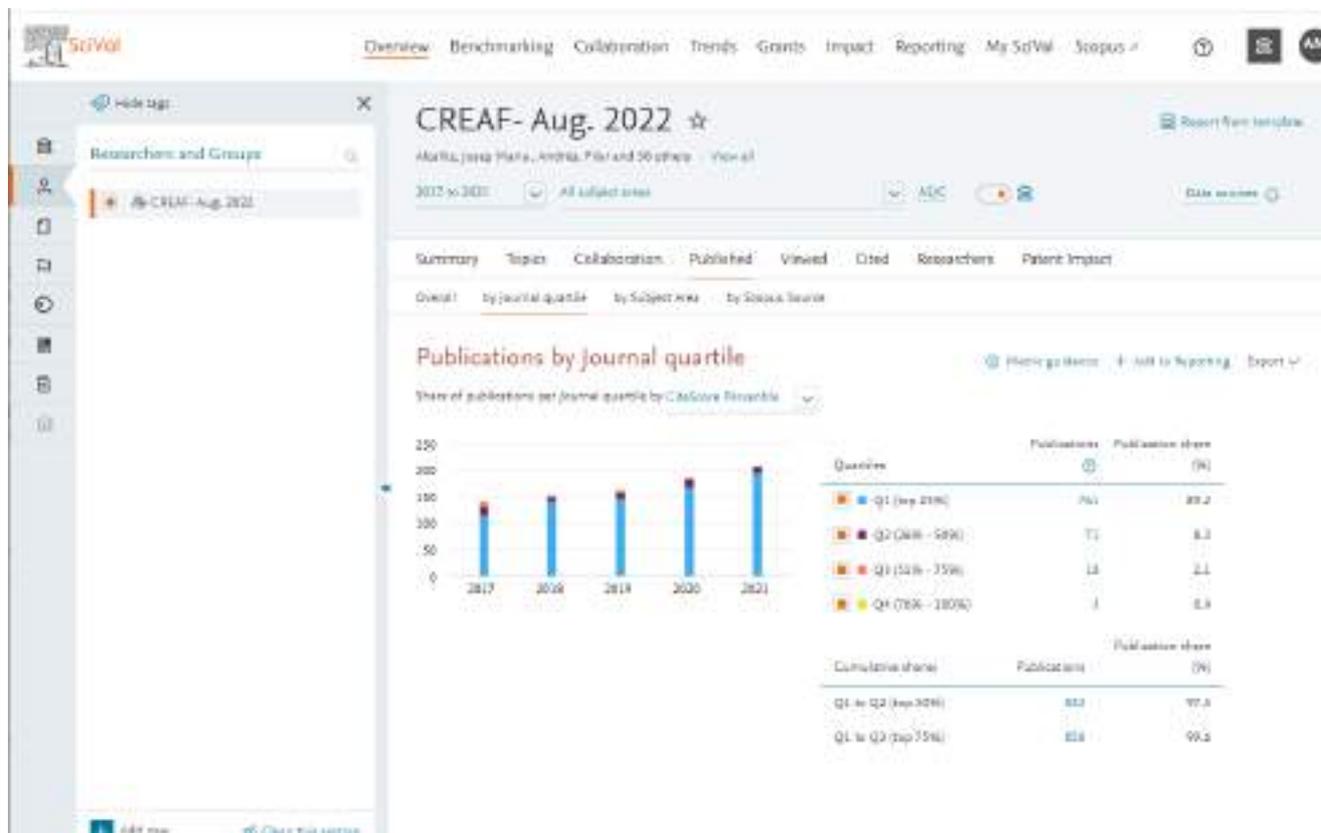
¿Cuál es el porcentaje de publicaciones en Q1 de un grupo dado de investigación?



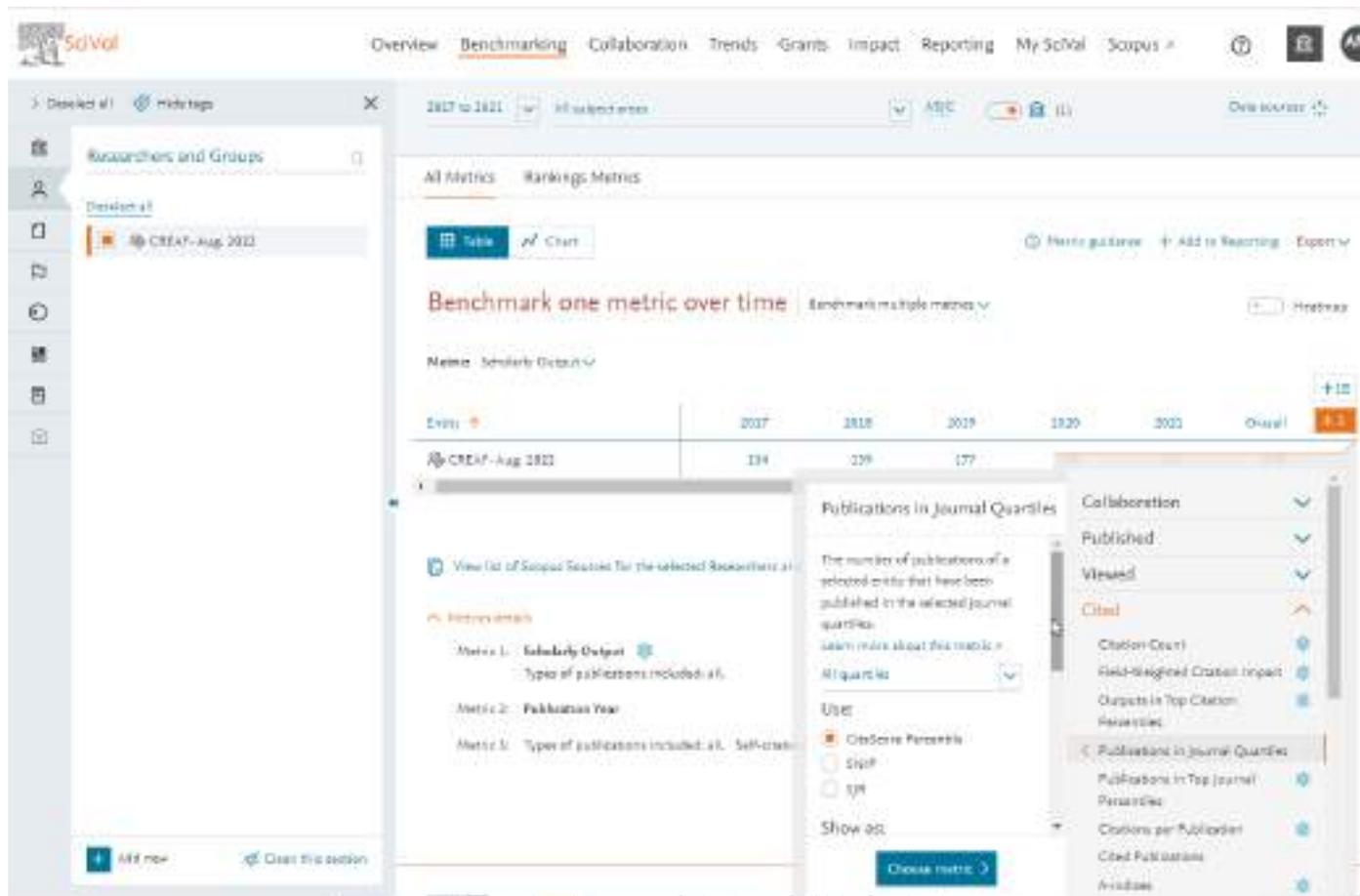
¿Cómo se calculan?

- Consideramos todas las publicaciones en el intervalo de años seleccionado e identificamos las revistas en las que se publican. A partir de las revistas podemos determinar a qué cuartiles pertenecen las publicaciones.
- **Nota: sólo calculamos esta métrica para las publicaciones que tienen métrica de revista.**

En el módulo OVERVIEW



En el módulo BENCHMARKING



The screenshot shows the Scival Benchmarking interface. At the top, there are navigation tabs: Overview, **Benchmarking**, Collaboration, Trends, Grants, Impact, Reporting, My ScVal, and Scopus. The main content area is titled "Benchmark one metric over time" and shows a table of data for the year 2022. The table has columns for "Event", "2017", "2018", "2019", "2020", and "Overall". The row for "CREAF-Aug 2022" shows values of 134, 129, 177, and an "Overall" column with a "+18" indicator.

Event	2017	2018	2019	2020	Overall
CREAF-Aug 2022	134	129	177		+18

Below the table, there are sections for "Metrics details" and "Publications in Journal Quartiles". The "Metrics details" section lists three metrics: Metric 1: Scholarly Output, Metric 2: Publication Year, and Metric 3: Type of publications included: all. The "Publications in Journal Quartiles" section provides a description: "The number of publications of a selected metric that have been published in the selected journal quartile." and includes a "Choose metric" button.

> Desktop | < Hide tags

Researchers and Groups

Desktop: 25

CRDF - Aug 2022

+ Add new

Clear this section

Benchmarking

2017 to 2021 | all subject areas

ASC

0 1

Data sources

All Metrics | Rankings Metrics

Table | Chart

Metric guidance | Add to Reporting | Export

Benchmark multiple metrics | Reset to one metric over time

Heatmap

Entity	Scholarly Output	Publications in All Journal Quartiles by CiteScore	Publications in Q1 Journal Quartile by CiteScore	Publications in Q1 Journal Quartile by CiteScore (%)	+ Add
CRDF - Aug 2022	878	851	741	88.2	+ Add

View list of Scopus Sources for the selected Researchers and Groups

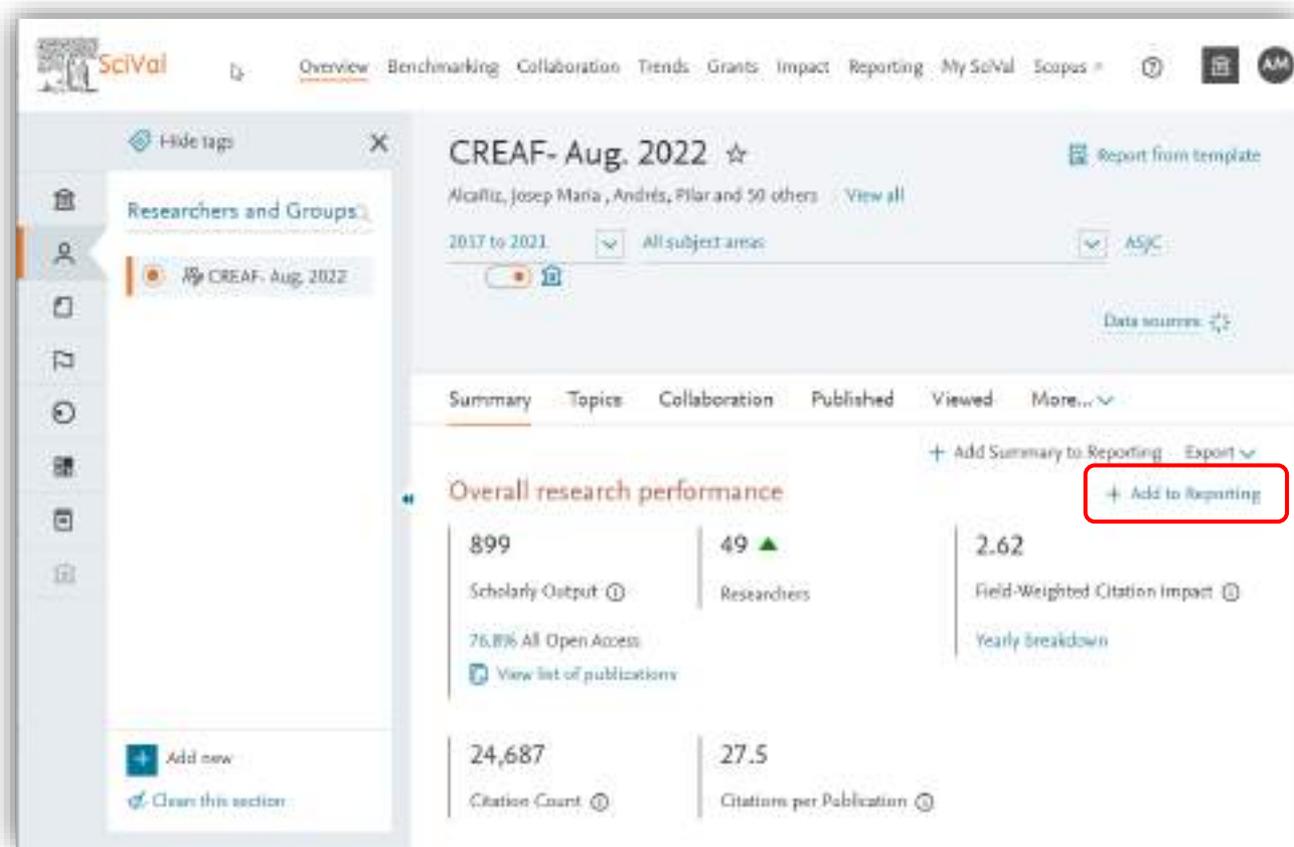
Metric details

- Metric 1: Scholarly Output**
Types of publications included: all.
- Metric 2: Publications in All Journal Quartiles by CiteScore Percentile**
CiteScore Percentile (From 2011 onwards - Learn more >)
Types of publications included: all.
The percentage of the Publications in Journal Quartiles is calculated using only the publications that have a CiteScore Percentile, SNIP, or SJR value.
- Metric 3: Publications in Q1 (top 25%) Journal Quartile by CiteScore Percentile**
CiteScore Percentile (From 2011 onwards - Learn more >)
Types of publications included: all.
The percentage of the Publications in Journal Quartiles is calculated using only the publications that have a CiteScore Percentile, SNIP, or SJR value.
- Metric 4: Publications in Q1 (top 25%) Journal Quartile by CiteScore Percentile (%)**
CiteScore Percentile (From 2011 onwards - Learn more >)
Types of publications included: all.
The percentage of the Publications in Journal Quartiles is calculated using only the publications that have a CiteScore Percentile, SNIP, or SJR value.

Diseño de un informe de prueba en SciVal para un instituto o grupo



Con Overview y Trends



The screenshot shows the SciVal interface for the 'CREAF- Aug. 2022' report. The top navigation bar includes 'Overview', 'Benchmarking', 'Collaboration', 'Trends', 'Grants', 'Impact', 'Reporting', 'My SciVal', and 'Scopus'. The left sidebar shows a 'Researchers and Groups' list with 'CREAF- Aug. 2022' selected. The main content area displays the report title, authors, and filters for '2017 to 2021' and 'All subject areas'. Below this, there are tabs for 'Summary', 'Topics', 'Collaboration', 'Published', 'Viewed', and 'More...'. The 'Summary' tab is active, showing 'Overall research performance' with a '+ Add to Reporting' button highlighted in a red box. The performance metrics are as follows:

Metric	Value
Scholarly Output	899
Researchers	49 ▲
Field-Weighted Citation Impact	2.62
Citation Count	24,687
Citations per Publication	27.5

CREAF output & citation report

2017-10-2018

Overall research performance

Early Output Aug 2022 | Average: 2017 to 2021 | Data source: Scopus, up to 14 Aug 2022
 Filter: Only scholarly Output published at Center for Ecological Research and Forestry Applications included
 Export | Full details

899 * Scholarly Output	49 * Institutions	2.62 Cites Weighted (Citation Impact)
24,687 All Output	27.5 Cites Output / Publication	

Publication share by Subject Area

Early Output Aug 2022 | No range: 2017 to 2021 | Data source: Scopus, up to 14 Aug 2022
 Filter: Only scholarly Output published at Center for Ecological Research and Forestry Applications included
 Export | Full details

Outputs in Top 10% Citation Percentiles summary

Early Output Aug 2022 | No range: 2017 to 2021 | Data source: Scopus, up to 14 Aug 2022
 Filter: Only scholarly Output published at Center for Ecological Research and Forestry Applications included
 Export | Full details

Publications in top 10% citation percentile (Full output): 31.6%

International Collaboration summary

Early Output Aug 2022 | No range: 2017 to 2021 | Data source: Scopus, up to 14 Aug 2022
 Filter: Only scholarly Output published at Center for Ecological Research and Forestry Applications included
 Export | Full details

Publications in international collaboration (Full output): 83.2%

Topic

Early Output Aug 2022 | No range: 2017 to 2021 | Data source: Scopus, up to 14 Aug 2022
 Filter: Only scholarly Output published at Center for Ecological Research and Forestry Applications included
 Export | Full details

Topic	By the Group of Researchers	Co-authored	Percentage
Carbon sequestration in forest soil	11	67	85.2%
Ecophysiology of Mediterranean evergreen shrubs	16	64	80.0%
Interspecific competition in Mediterranean evergreen shrubs	11	59	84.3%
Isotopic signatures (Physiology) Phosphorus Carbon Nitrogen Sulfur	11	58	84.1%
Waterlogging stress responses in evergreen shrubs	11	58	84.1%
Aglycosylated compounds in plants: Chemistry	10	43	80.4%
Bark beetle stress responses in evergreen shrubs	10	42	80.4%
Soil carbon: Soil: Soil: Carbon	18	40	79.1%
Evolutionary Ecology: Evolutionary Ecology: Evolutionary Ecology	10	39	78.0%
Molecular evolution: Molecular evolution: Molecular evolution	10	30	75.0%

Keywords analysis

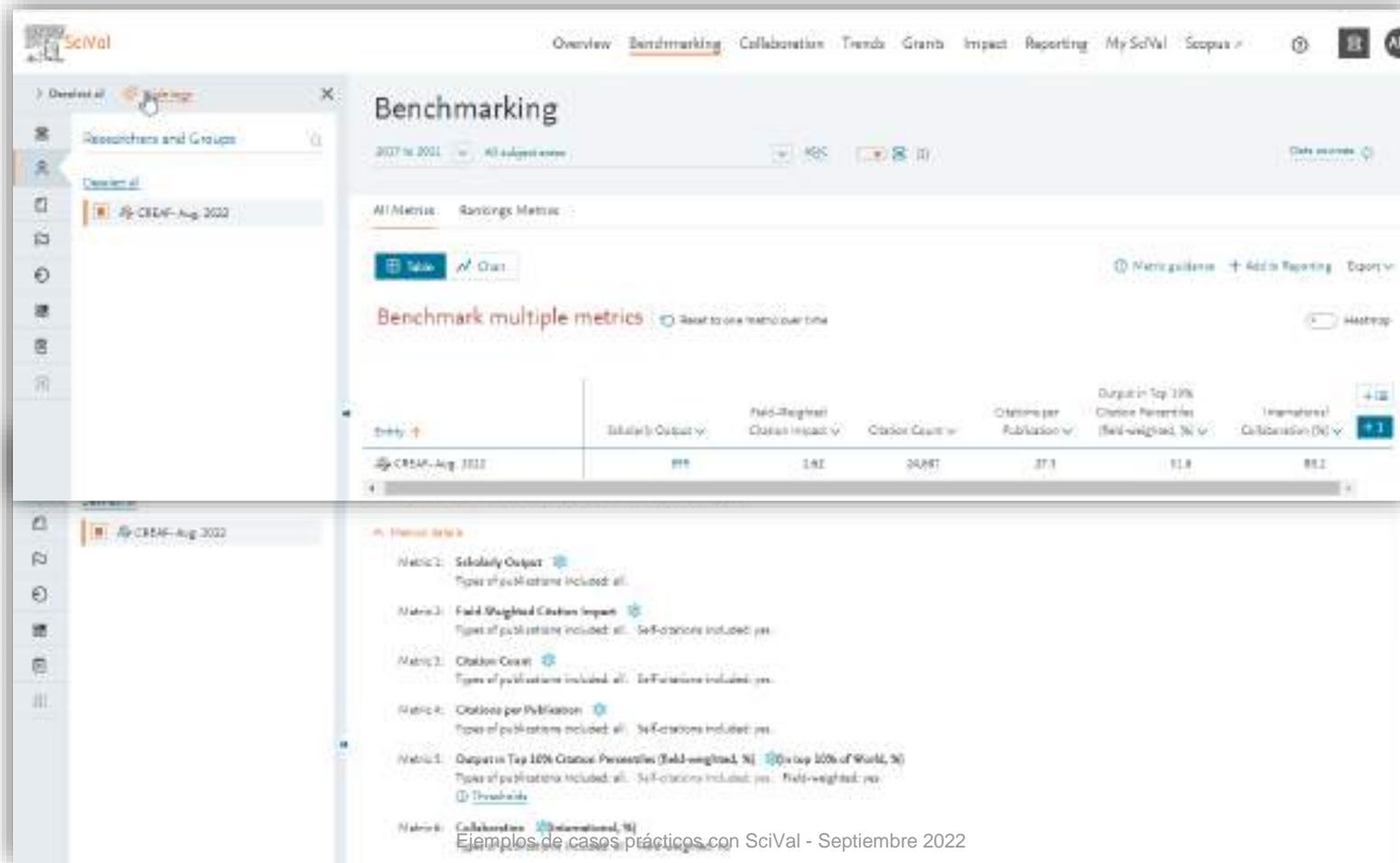
Early Publications in CREAF Aug 2022 (24 to 2022) | No range: 2017 to 2021 | Data source: Scopus, up to 14 Aug 2022
 Filter: Only scholarly Output published at Center for Ecological Research and Forestry Applications included
 Export | Full details

J.A.A. (number of papers) | Average J.A.A. growing (2017-2021)

Top Institutions

Early Publications in CREAF Aug 2022 (24 to 2022) | No range: 2017 to 2021 | Data source: Scopus, up to 14 Aug 2022
 Filter: Only scholarly Output published at Center for Ecological Research and Forestry Applications included
 Export | Full details

Con BENCHMARKING



The screenshot displays the SciVal Benchmarking interface. The top navigation bar includes 'Overview', 'Benchmarking', 'Collaboration', 'Trends', 'Grants', 'Impact', 'Reporting', 'My SciVal', and 'Scopus'. The main content area is titled 'Benchmarking' and shows a comparison for '2017 to 2021' across 'All subject areas' with a score of '855'. The interface allows users to toggle between 'Table' and 'Chart' views and includes options for 'Metric guidance', 'Add to Reporting', and 'Export'. A section titled 'Benchmark multiple metrics' offers a radio button to 'Revert to one metric over time' and a 'Histogram' toggle. Below this, a table displays performance metrics for 'CREAF-Aug 2022'.

Metric	Value
Scholarly Output	895
Field-Weighted Citation Impact	2.82
Citation Count	24,987
Citations per Publication	27.1
Output in Top 10% Citation Percentiles (Field-weighted, %)	11.8
International Collaboration (%)	81.2

The 'Metric details' section provides further information for each metric:

- Metric 1: Scholarly Output** - Types of publications included: all.
- Metric 2: Field-Weighted Citation Impact** - Types of publications included: all. Self-citations included: yes.
- Metric 3: Citation Count** - Types of publications included: all. Self-citations included: yes.
- Metric 4: Citations per Publication** - Types of publications included: all. Self-citations included: yes.
- Metric 5: Output in Top 10% Citation Percentiles (Field-weighted, %)** - Types of publications included: all. Self-citations included: yes. Field-weighted: yes. Threshold: 10.
- Metric 6: Collaboration (International, %)** - Types of publications included: all.

Topics y áreas temáticas ASJC con BENCHMARKING

Export publications

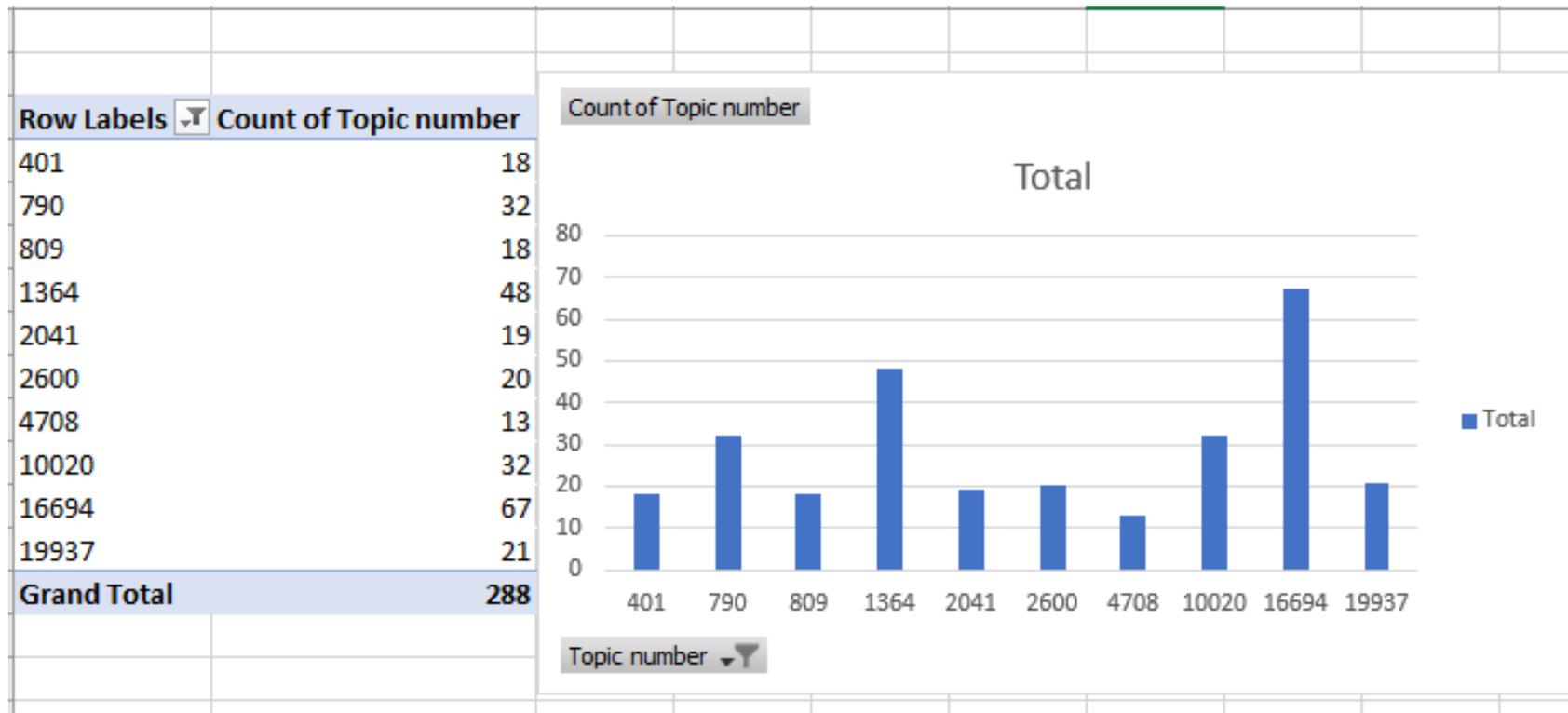
Select the fields you want to include in the export for your selected publications. Last selected options are remembered. * in publication year

Select all | Deselect all | Reset to default selection

Publication basics	Publication details	Author/Affiliations	Publication metrics	Scopus Source related	Topic related
<input checked="" type="checkbox"/> Title	<input checked="" type="checkbox"/> References	<input type="checkbox"/> Scopus Affiliation IDs	<input type="checkbox"/> Views	<input type="checkbox"/> Volume	<input type="checkbox"/> Topic Cluster name
<input checked="" type="checkbox"/> Authors	<input checked="" type="checkbox"/> Abstract	<input type="checkbox"/> Scopus Affiliation names	<input type="checkbox"/> Field-Weighted View Impact	<input type="checkbox"/> Issue	<input type="checkbox"/> Topic Cluster number
<input type="checkbox"/> Year	<input checked="" type="checkbox"/> EID (Scopus ID)	<input type="checkbox"/> Number of Authors	<input type="checkbox"/> Citations	<input type="checkbox"/> Pages	<input checked="" type="checkbox"/> Topic name
<input type="checkbox"/> Full status	<input type="checkbox"/> PubMed ID	<input type="checkbox"/> Scopus Author IDs	<input type="checkbox"/> Field-Weighted Citation Impact	<input type="checkbox"/> Article number	<input checked="" type="checkbox"/> Topic number
<input checked="" type="checkbox"/> Scopus Source title	<input type="checkbox"/> Sustainable Development Goals (2022)	<input type="checkbox"/> Scopus Author ID - First Author	<input type="checkbox"/> Field-Citation Average	<input type="checkbox"/> ISSN	<input type="checkbox"/> Topic Cluster Prominence Percentile
<input checked="" type="checkbox"/> DOI	<input checked="" type="checkbox"/> All Science Journal Classification (ASJC)	<input type="checkbox"/> Scopus Author ID - Last Author	<input type="checkbox"/> Outputs in Top Citation Percentiles, per percentile	<input type="checkbox"/> Source ID	<input checked="" type="checkbox"/> Topic Prominence Percentile
<input type="checkbox"/> Publication type	<input type="checkbox"/> Code	<input type="checkbox"/> Scopus Author ID - Corresponding Author	<input type="checkbox"/> Field-Weighted Outputs in Top Citation Percentiles, per percentile	<input type="checkbox"/> Source type	
<input type="checkbox"/> Open Access	<input type="checkbox"/> Field name	<input type="checkbox"/> Scopus Author ID - Single Author	<input type="checkbox"/> Parent citations	<input type="checkbox"/> CiteScore*	
<input type="checkbox"/> Institutions	<input type="checkbox"/> Quaquarelli Symbols (QS)	<input type="checkbox"/> Scopus Author ID - Single Author	<input type="checkbox"/> Policy citations	<input type="checkbox"/> CiteScore percentile*	
<input type="checkbox"/> Number of Institutions	<input type="checkbox"/> Code	<input type="checkbox"/> Country/Region		<input type="checkbox"/> SJIF**	
	<input type="checkbox"/> Field name			<input type="checkbox"/> SJIP percentile*	
	<input type="checkbox"/> Time Higher Education (THE)			<input type="checkbox"/> SJR percentile*	
	<input type="checkbox"/> Code				
	<input type="checkbox"/> Field name				

Cancel | Export CSV | Export XLSX

Los primeros 10 Topics



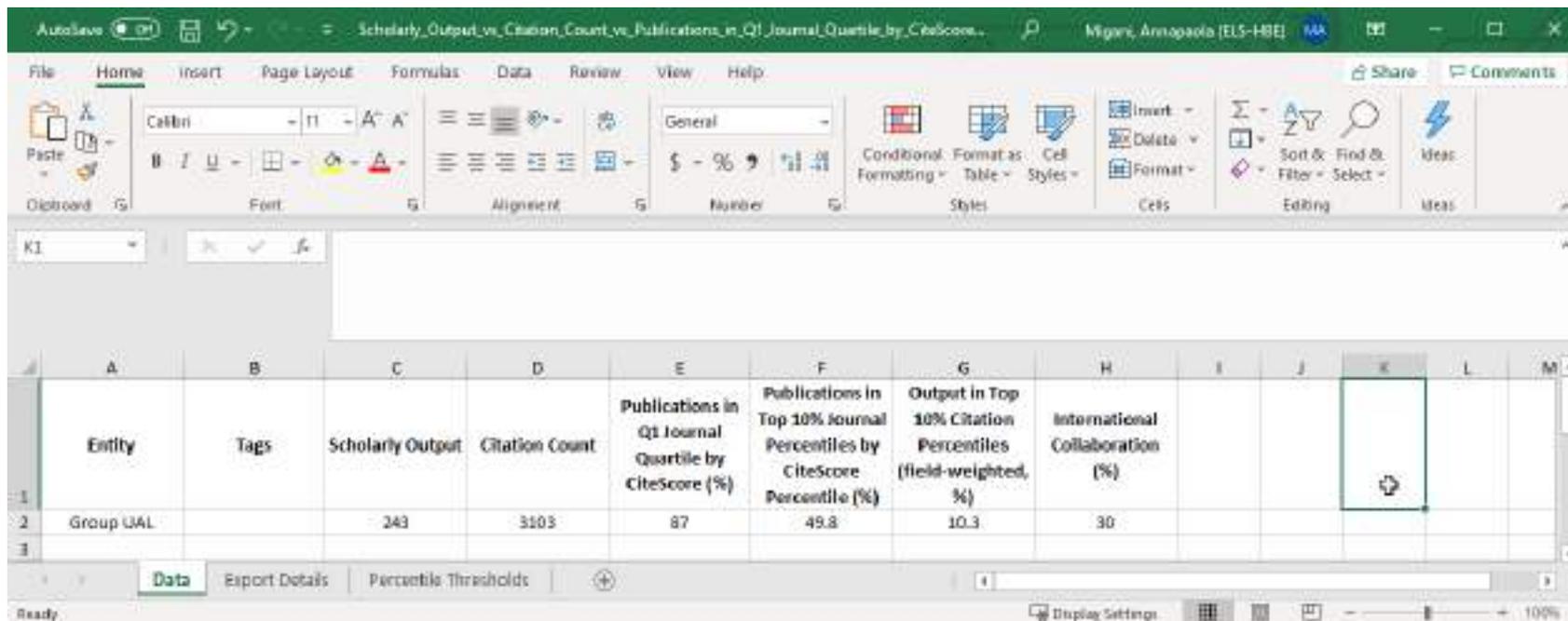
Exportación de los análisis bibliométricos en .xls/.cvs con valores desglosados por año



The screenshot shows the SciVal Benchmarking interface. At the top, there are navigation tabs: Overview, **Benchmarking**, Collaboration, Trends, Grants, Impact, Reporting, My SciVal, and Scopus. The main heading is "Benchmarking" with filters for "2017 to 2021" and "All subject areas". Below this, there are tabs for "All Metrics" and "Rankings Metrics". A "Table" view is selected, and a "Chart" view is also available. The main content area is titled "Benchmark multiple metrics" and includes a "Reset to one metric over time" link. A table displays benchmarking data for "Green 110". A dropdown menu is open over the "Export" button, showing four options: "Export data aggregated for active year range (CSV)", "Export data aggregated for active year range (XLSX)", "Export data per publication year (CSV)", and "Export data per publication year (XLSX)".

Entity	Scholarly Output	Citation Count	Publications in Q1 Journal Quartile by CiteScore (%)	CiteScore P	Publications 10% Price (%)	Field-weighted (%)	Collaboration
Green 110	243	3,103	87.0	49.8		10.3	

Valores agregados para el rango de años

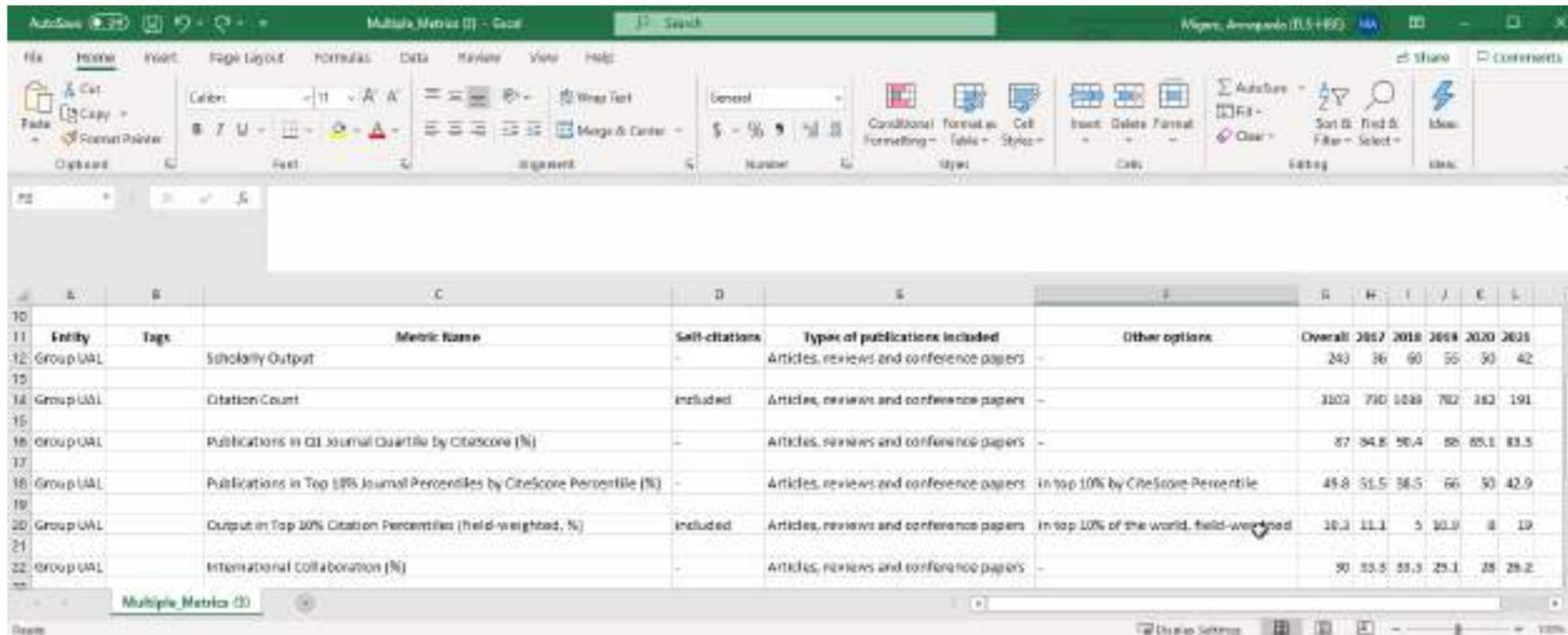


The screenshot shows the Microsoft Excel interface with the following data table:

Entity	Tags	Scholarly Output	Citation Count	Publications in Q1 Journal Quartile by CiteScore (%)	Publications in Top 10% Journal Percentiles by CiteScore Percentile (%)	Output in Top 10% Citation Percentiles (field-weighted, %)	International Collaboration (%)
Group UAL		243	3103	87	49.8	10.3	30

The table is displayed in the Excel application window. The ribbon includes File, Home, Insert, Page Layout, Formulas, Data, Review, View, and Help. The Data tab is active, showing options like Export Details and Percentile Thresholds. The status bar at the bottom indicates 'Ready' and '100%' zoom.

Valores desglosados por año de publicación



	A	B	C	D	E	F	G	H	I	J	K	L
11	Entity	Tags	Metric Name	Self-citations	Type of publications included	Other options	Overall	2017	2018	2019	2020	2021
12	Group UAL		Scholarly Output	-	Articles, reviews and conference papers	-	243	36	60	55	30	42
13												
14	Group UAL		Citation Count	Included	Articles, reviews and conference papers	-	3102	790	1029	702	383	191
15												
16	Group UAL		Publications in Q1 Journal Quartile by CiteScore (%)	-	Articles, reviews and conference papers	-	87	84.8	90.4	86	85.1	83.5
17												
18	Group UAL		Publications in Top 10% Journal Percentiles by CiteScore Percentile (%)	-	Articles, reviews and conference papers	In top 10% by CiteScore Percentile	49.8	51.5	56.5	66	50	42.9
19												
20	Group UAL		Output in Top 10% Citation Percentiles (field-weighted, %)	Included	Articles, reviews and conference papers	In top 10% of the world, field-weighted	10.3	11.1	5	10.9	8	10
21												
22	Group UAL		International collaboration (%)	-	Articles, reviews and conference papers	-	30	33.5	33.3	23.1	25	29.2

Como guardar un análisis bibliométrico en "Reporting" y hacer informes recurrentes



The screenshot shows the SciVal Benchmarking interface. At the top, there is a navigation bar with options: Overview, Benchmarking, Collaboration, Trends, Grants, Impact, Reporting, My SciVal, and Scopus. The main header is 'Benchmarking' with a dropdown for '2017 to 2021' and 'All subject areas'. Below this, there are tabs for 'All Metrics' and 'Rankings Metrics', and buttons for 'Table' and 'Chart'. A section titled 'Benchmark multiple metrics' includes a link to 'Return to one metric over time'. A table displays the following data:

Entity	Scholarly Output	Citation Count	Publications in QC Journal Quotile by CiteScore (36)
Group URL	243	3,183	87.0

A dialog box titled 'Save analysis as' is open, showing the current analysis name 'Benchmarking the Clabon Court Scholarly Output, Publicati...', an 'Add to a report' option, a field for 'New report name:' containing 'Informe multiple metrics', and a 'Save' button.

¿Qué pasa si uno de los autores más prolíficos se jubila o deja de trabajar para el centro?





Delect all Hide tags

Researchers and Groups

Delect all

CREAF- Aug. 2022

Benchmarking

2012 to 2021

All subject areas

ASJC

Data sources

All Metrics Rankings Metrics

Table Chart

Metric guidance Add to Reporting Export

Benchmark one metric over time Benchmark multiple metrics

Heatmap

Metric: Scholarly Output

Entity	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Overall
CREAF- Aug. 2022	103	113	110	134	147	164	159	177	196	211	1,506

View list of Scopus Sources for the selected Researchers and Groups

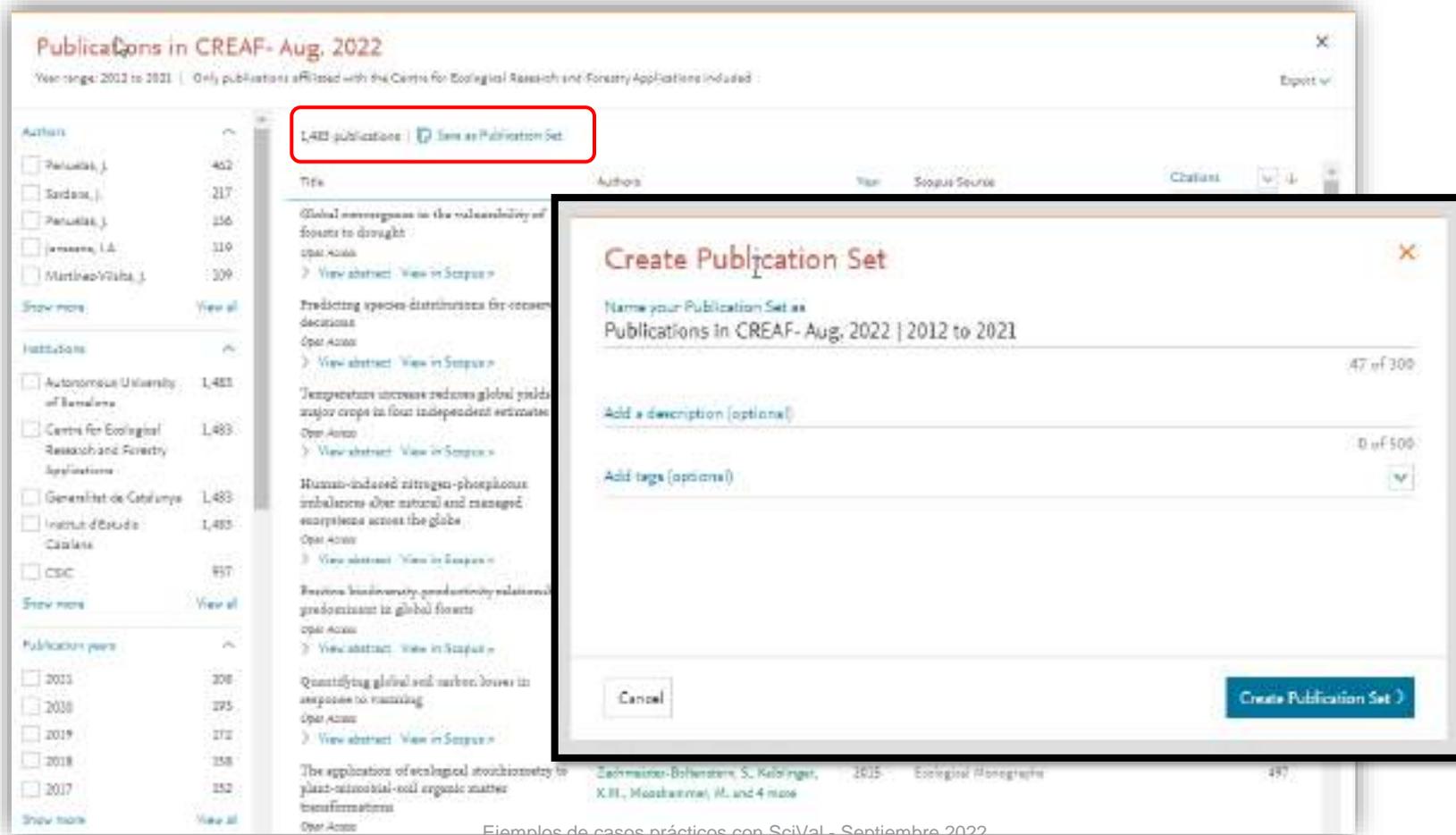
Metric details

Metric 1: Scholarly Output
Type of publications included: all

Metric 2: Publication Year

Metric 3: Type of publications included: all. Self-citations included: yes.

Convertir un grupo de investigación en un conjunto de publicaciones



The screenshot displays the SciVal interface for a publication set. The main window is titled "Publications in CREAM- Aug. 2022" and shows a list of publications with columns for Title, Author, Year, Scopus Source, and Citations. A red box highlights the text "1,483 publications | Save as Publication Set" at the top of the list. A dialog box titled "Create Publication Set" is overlaid on the right, with a black border. The dialog box contains the following text:

Create Publication Set

Name your Publication Set as
Publications in CREAM- Aug. 2022 | 2012 to 2021

47 of 300

Add a description (optional)

0 of 500

Add tags (optional)

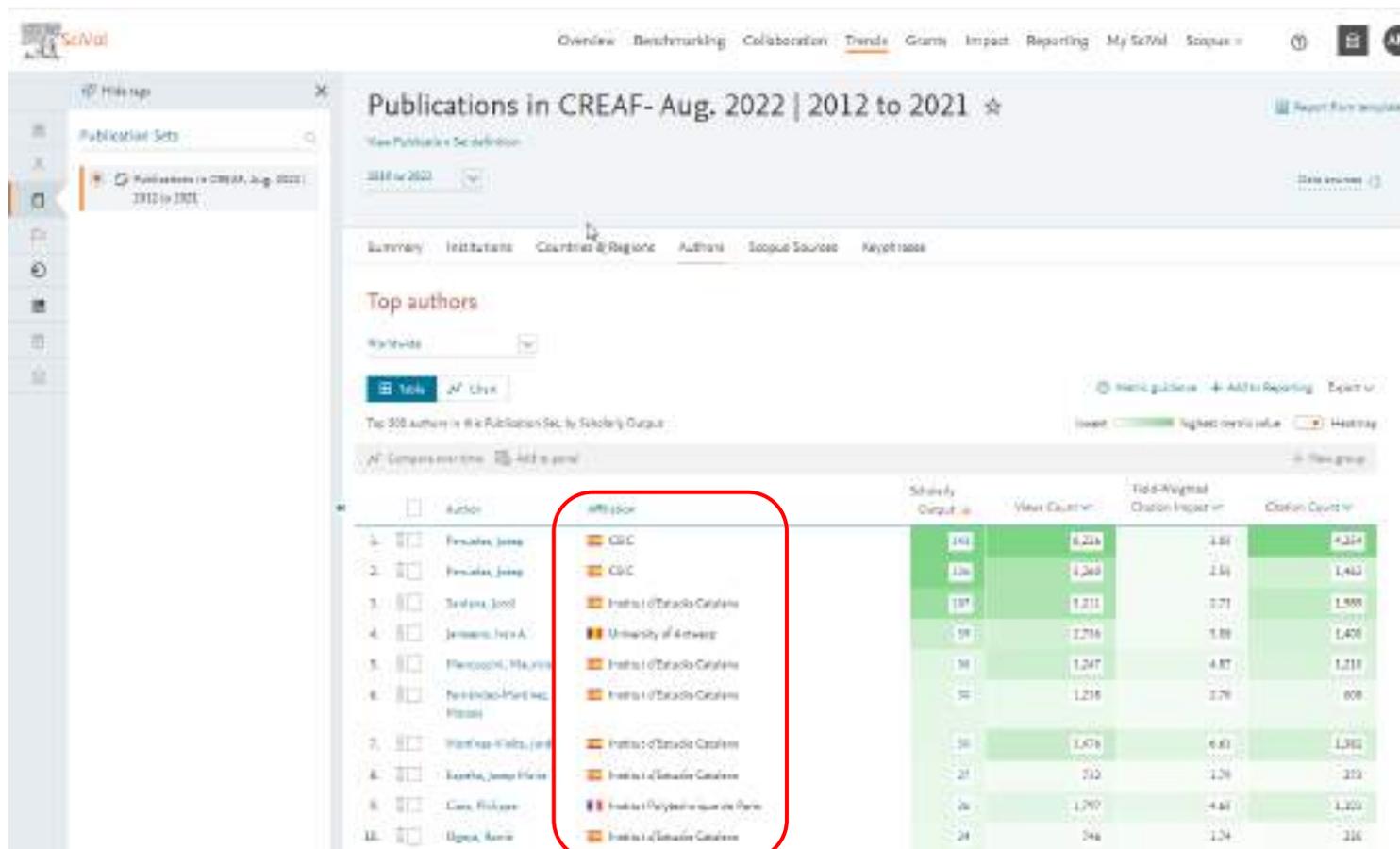
Cancel

Create Publication Set

The background interface shows a list of publications with the following visible entries:

Title	Author	Year	Scopus Source	Citations
Global convergence in the vulnerability of forests to drought	Open Access			
Predicting species distributions for conservation decisions	Open Access			
Temperature increase reduces global yields of major crops in four independent estimates	Open Access			
Human-induced nitrogen-phosphorus imbalances alter natural and managed ecosystems across the globe	Open Access			
Biotic biodiversity-productivity relationships predominate in global forests	Open Access			
Quantifying global soil carbon losses in response to mining	Open Access			
The application of ecological stoichiometry to plant-microbial-soil organic matter transformations	Zachariasen-Björnsen, S., Keiblinger, K.H., Mikolajewicz, M., and 4 more	2015	Ecological Monographs	497

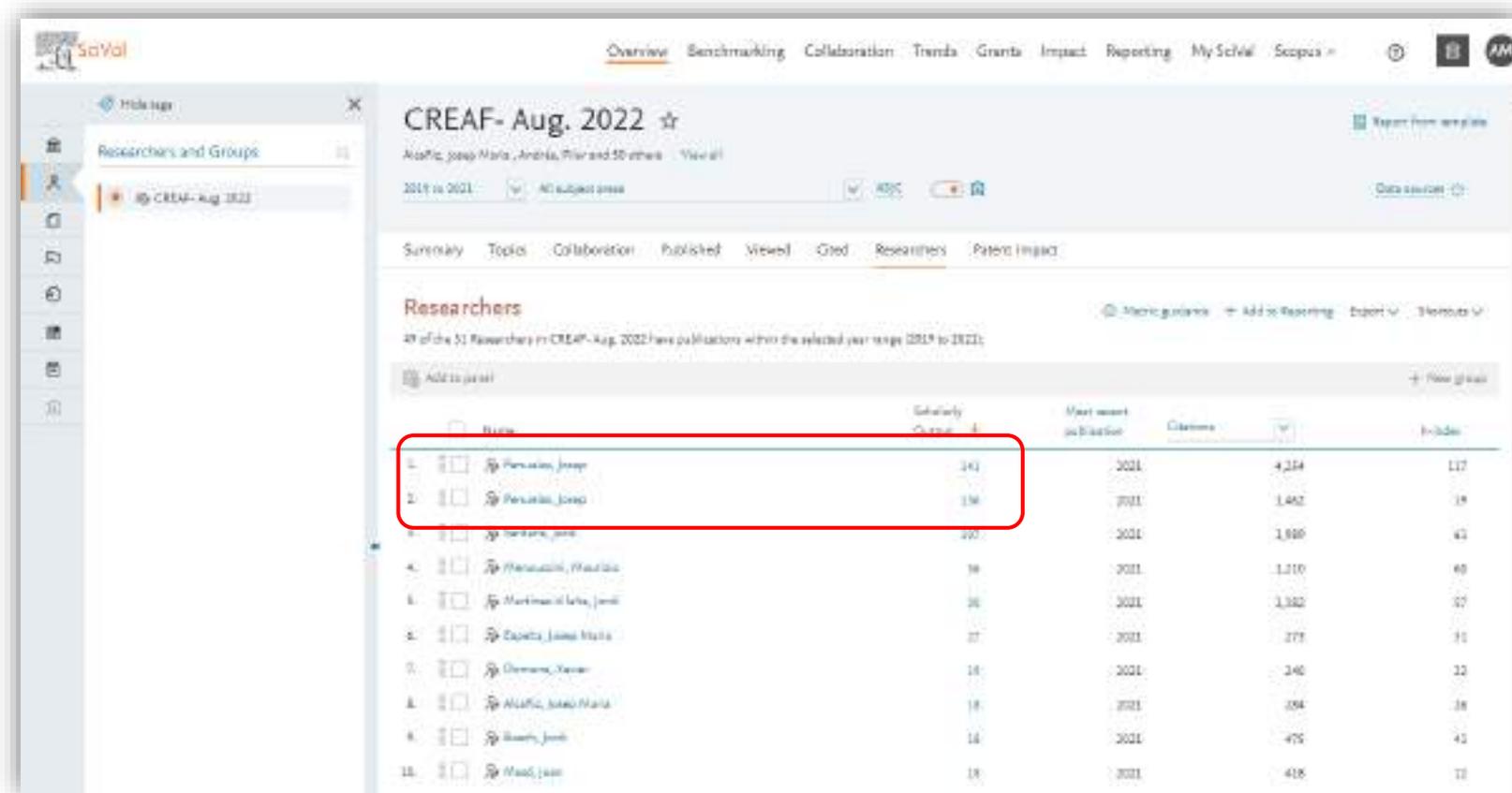
Listado de autores en el modulo TRENDS



The screenshot displays the 'Publications in CREAM- Aug. 2022 | 2012 to 2021' report in the SciVal Trends module. The 'Top authors' section is active, showing a list of authors ranked by scholarly output. A red box highlights the 'Institution' column for the top 10 authors.

	Autor	Institution	Scholarly Output	Year Count	Field-Weighted Citation Impact	Citation Count
1.	Fernandez, Josep	CSIC	241	0.226	2.61	4,314
2.	Fernandez, Josep	CSIC	126	0.260	2.56	1,462
3.	Soriano, Jordi	Instituto d'Estadística Catalana	107	1.211	0.71	1,500
4.	Janssens, Inge A.	University of Antwerp	58	2.716	1.89	1,420
5.	Perez-Cerdà, Maurici	Instituto d'Estadística Catalana	58	1.247	4.87	1,218
6.	Fernández-Martínez, Rafael	Instituto d'Estadística Catalana	55	1.218	0.79	608
7.	Wardlaw-Isla, Josep	Instituto d'Estadística Catalana	50	1.479	6.61	1,361
8.	España, Josep Maria	Instituto d'Estadística Catalana	27	710	1.29	202
9.	Cana, Philippe	Institut Polytechnique de Paris	26	1.797	4.46	1,220
10.	Ugeux, Remi	Instituto d'Estadística Catalana	24	746	1.24	216

Listado de autores en el modulo OVERVIEW



Overview Benchmarking Collaboration Trends Grants Impact Reporting My Scholar Scopus

Hide tags

Researchers and Groups

CREAF- Aug. 2022

CREAF- Aug. 2022 ☆

Asocio, Josep Maria, Andrea, Pilar and 50 others View all

2019 to 2021 All subject areas

Report from analysis

Data source

Summary Topics Collaborator Published Viewed Grid Researchers Patent Impact

Researchers

49 of the 51 Researchers in CREAF- Aug. 2022 have publications within the selected year range (2019 to 2021).

ADD TO PANEL

Rank	Name	Scholarly Output	Most recent publication	Citations	h-index
1.	Peruchos, Josep	141	2021	4,254	117
2.	Peruchos, Josep	136	2021	1,462	19
3.	Sanja, Jose	107	2021	1,980	43
4.	Menasconi, Martina	78	2021	1,210	40
5.	Martinez de Irujo, Jon	66	2021	1,382	37
6.	Caseta, James Maria	57	2021	275	11
7.	Domene, Xavier	18	2021	240	12
8.	Alfaro, Josep Maria	18	2021	284	18
9.	Rosety, Jose	16	2021	475	41
10.	Mas, Joan	16	2021	418	11

Listado de autores en el modulo BENCHMARKING



Publications in CREAM- Aug. 2022

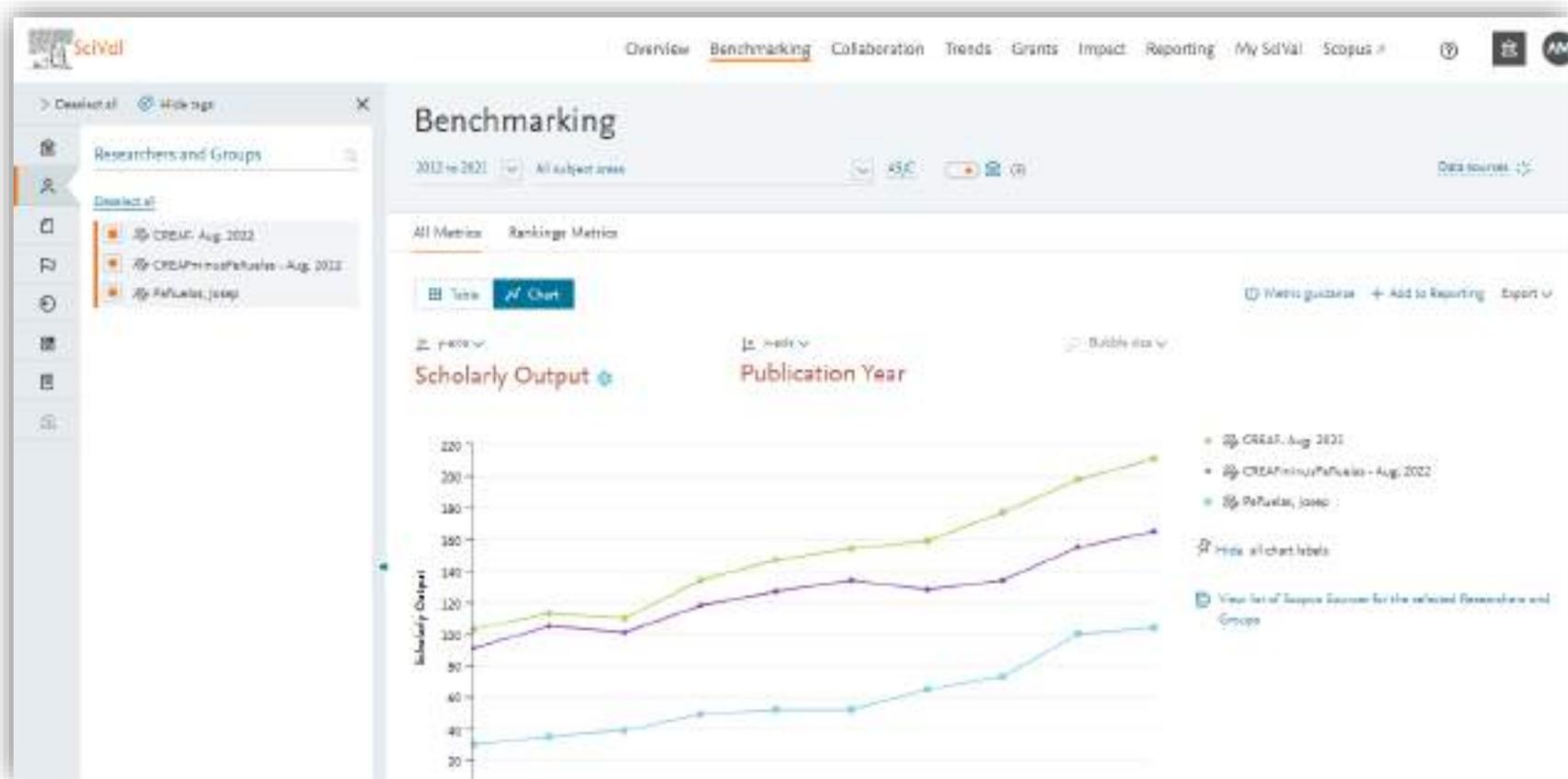
Your range: 2017 to 2022 | Only publications affiliated with the Centre for Biological Research and Forest Applications included

471 publications | [View as Publication Set](#)

Action	Count	Title	Authors	Year	Source	Citations
<input type="checkbox"/> Peer-review	181					
<input type="checkbox"/> Peer-review	136					
<input type="checkbox"/> Journals	187					
<input type="checkbox"/> Journals, UK	38					
<input type="checkbox"/> Publications, PE	94					
View more	View all					
Faculties						
<input type="checkbox"/> Autonomous University of Barcelona	573					
<input type="checkbox"/> Centre for Biological Research and Forest Applications	573					
<input type="checkbox"/> Genetically Modified Organisms	573					
<input type="checkbox"/> Institut d'Estudis Catalans	573					
<input type="checkbox"/> CSIC	180					
View more	View all					
Publication years						
<input type="checkbox"/> 2020	228					
<input type="checkbox"/> 2021	181					
<input type="checkbox"/> 2019	173					
View all						
Open Access						
<input type="checkbox"/> All Open Access	426					
<input type="checkbox"/> Gold	181					
View more	View all					
471 publications						
181 peer-reviewed publications						
136 peer-reviewed publications						
471 publications						
181 peer-reviewed publications						
136 peer-reviewed publications						

Title	Authors	Year	Source	Citations
UK's plant-based diet - enhanced coverage and open access	Byggs, J., Mithal, C., Day, E. and 28 more	2020	Global Change Biology	473
View abstract	View in Scopus			
Climate science and the United Nations Sustainable Development Goals	Fraaij, S., Lee, L., Carlson, T. and 28 more	2019	Nature Sustainability	181
View abstract	View in Scopus			
Increasing crop heterogeneity enhances multifunctional diversity across agricultural systems	Green, C., Green, N., Ballal, A. and 16 more	2019	Proceedings of the National Academy of Sciences of the United States of America	121
View abstract	View in Scopus			
Drought impacts on terrestrial primary production underestimated by satellite monitoring	Stocker, B.D., Dalwadi, J., Assman, T.J. and 3 more	2019	Nature Geoscience	119
View abstract	View in Scopus			
Adaptive responses of croplands to climate change are more likely to be lost	Reichert, K., Reed, T., Teubling, C. and 11 more	2019	Nature Communications	100
View abstract	View in Scopus			
Six megacities capture 1/3 of global nitrogen productivity	Huang, M., Pan, S., Chen, R. and 23 more	2019	Nature Ecology and Evolution	92
View abstract	View in Scopus			
Nitrogen and phosphorus contribute to CO2 fertilization of global plant biomass	Tang, C., Jackson, R.B., Franklin, J.C. and 29 more	2019	Nature Climate Change	121
View abstract	View in Scopus			
Recent global declines in CO2 fertilization effects on vegetation photosynthesis	Yang, T., Zheng, Y., Lu, W. and 13 more	2020	Science	111
View abstract	View in Scopus			

Cambios en publicaciones



Cambios en Topics

The screenshot displays the SciVal interface for the group 'CREAF- Aug. 2022'. The main content area is titled 'Topics & Topic Clusters' and shows a list of topics with their respective metrics. The table is organized into columns for 'By the Group of Researchers' (Scholarly Output) and 'Verboids' (Field strength, Citation impact, Business priority).

	By the Group of Researchers		Verboids	
	Scholarly Output	Field strength	Citation impact	Business priority
<input type="checkbox"/> Topics				
<input type="checkbox"/> Top Molecular Catalysis in Solid Free- 7,349	18		4.13	18,212
<input type="checkbox"/> Economic Plant Communities: Economic Stability 7,194	31		4.48	18,505
<input type="checkbox"/> Normalized Difference Vegetation Index: Phenology Change Change 7,180	29		3.53	18,411
<input type="checkbox"/> Human Respiration (Physiology): Protoplasmic Carbon Biosynthesis 7,000	31		3.82	18,711
<input type="checkbox"/> Biostat: Soil, Basic Carbon 7,041	36		3.26	18,071

Hide top

CREAFminusPeñuelas - Aug. 2022 ☆

Report from template

Alafo, Josep Maria, Andreu, Pilar and 48 others View all

2019 to 2022

Subject area

ASJC

Date range

[Summary](#)
[Topics](#)
[Collaboration](#)
[Published](#)
[Viewed](#)
[Cited](#)
[Researchers](#)
[Patent Impact](#)

Topics & Topic Clusters

[Metric guidelines](#)
[Add to Reporting](#)
[Export](#)

Between 2019 to 2022, researchers of CREAFminusPeñuelas - Aug. 2022 have contributed to:

73 Topic Clusters

123 Topics

Table

View

Sort by

All Topics

Search

Add to panel

Create Research Area

Analysis Group in Grants

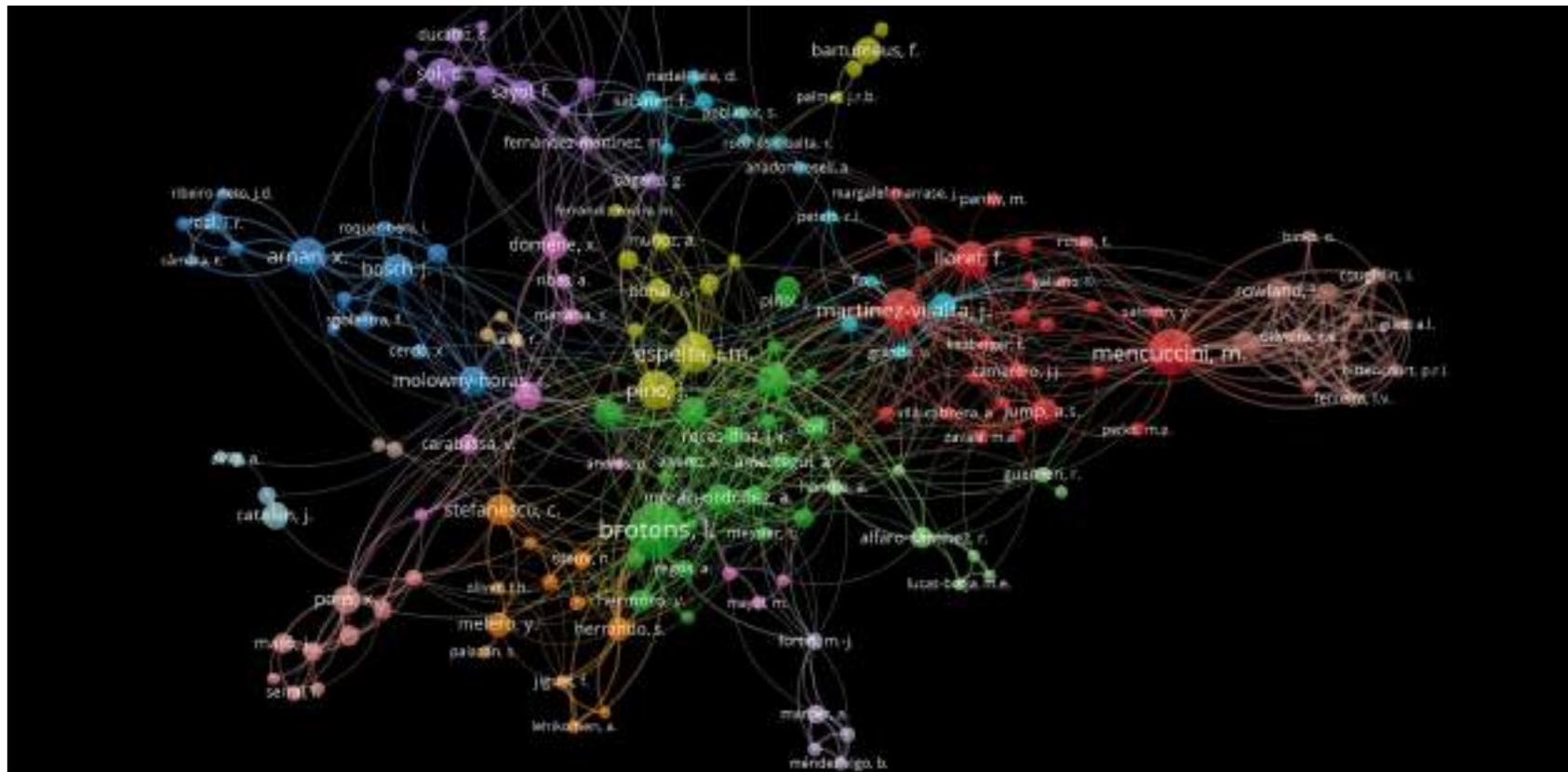
Prominence percentile over time

Topic	By this Group of Researchers		Worldwide
	Scholarly Output	Field-Weighted Citation Impact	Prominence percentile
<input type="checkbox"/> Time (Parasitology, Carbohydrate), Basic Area T16924	11 -7 papers era 38	1.38	99.222
<input type="checkbox"/> Ecosystem; Plant Communities; Ecosystem Stability T1384	19 -13 papers era 32	1.23	99.205
<input type="checkbox"/> Nutrient Resorption (Physiology); Phosphorus; Carbon Nitrogen Ratio T10020	19 -2 papers era 21	1.19	97.711
<input type="checkbox"/> Swallow; Tail; Black Cuckoo T401	16 -1 papers era 16	1.68	99.691
<input type="checkbox"/> Bombus; Bee; Neotropicals T1041	14 Sin cambios	1.39	99.781

+ Add new

Clear this section

Cambios en Colaboraciones



¿Con quién podríamos colaborar y solicitar una ayuda en 'bioelectrónica basada en la melanina'?



Diseño de un área de investigación para identificar a los colaboradores y contribuyentes actuales de un campo de investigación.



A test version of the search results page is available. We are working on a new results page. Give it a try and share your feedback. [Try the test version](#)

49 document results

TITLE-ABS-KEY (bioelectronics AND *conduct* AND *melanin*)

Search within results

Refine results: [Limits](#) [Filters](#)

Open Access: All Open Access (11) Gold (6) Hybrid Gold (1) Bronze (3) Green (14)

Year: 2022 (6) 2021 (7) 2020 (3) 2019 (4) 2017 (1)

Documents Secondary documents Patents

Analyze search results [Show all abstracts](#) [Sort by: Citations](#)

Document title	Authors	Year	Source	Cited by
1 Polydeacrylate and melanin: From structure-property relationships to a unified coloring strategy	Itzhaki, M., Najafabadi, A., Bial, V., Chen, C.-L., Dunham, M.J.	2018	Accounts of Chemical Research 49(2), pp. 2541-2558	407
View abstract	View at Publisher	Related documents		
2 Role of semiconductivity and ion transport in the electrical coloration of melanin	Muster, A.R., Powell, B.J., Pratt, T.L., J.-J. Gerber, J.R., Merslich, D.	2001	Proceedings of the National Academy of Sciences of the United States of America 98(23), pp. 8940-8947	241
View abstract	View at Publisher	Related documents		
3 Biodegradable, high-quality, electrically conducting melanin thin films	Bullens, J.P., De Boer, J., Dierckx, U., Schonen, P.E., Merslich, D.	2008	Advanced Materials 20(18), pp. 1838-1843	162
View abstract	View at Publisher	Related documents		

Import Publication Set



1. Review publications

2. Save Publication Set

1 3 of the 49 publications cannot be imported into SoVal.

ID ↕

Issue

2-42.0-0019739610

Publication ID could not be found

2-42.0-0021757287

Publication ID could not be found

2-42.0-8513595558

Publication ID could not be found



How can an ID be unknown?

There are two possible reasons:

- The publication has been published before 1996. SoVal covers publications from 1996 onwards.
- The publication was not yet included in the most recent imported Scopus dataset (up to 23 Aug 2022).

Export >

Skip issues and continue >

Hide tags



Publication Sets



bioelectronics AND *conduct* AND *melanin* - 4 September 2022

bioelectronics AND *conduct* AND *melanin* - 4 September 2022

Report from template

[View Publication Set definition](#)

2017 to >2022

[Data sources](#)

[Summary](#) [Institutions](#) [Countries & Regions](#) [Authors](#) [Scopus Sources](#) [Keyphrases](#)

[+ Add Summary to Reporting](#) [Export](#)

Overall research performance

[+ Add to Reporting](#)

28
Scholarly Output



[View list of publications](#)

0.96
Field-Weighted Citation Impact



15
International Collaboration



1,017
Views Count

423
Citation Count

Centre for Ecological Research and Forestry Applications has no publications (2017 - 2023) in this Publication Set

Hide tags



Publication Sets



bioelectronics AND *conduct* AND *melanin* - 4 September 2022

2017 to >2022



Keyphrase analysis @

+ Add to Reporting

Top 50 keyphrases by relevance, based on 28 publications



AAA relevance of keyphrase | declining AAA growing (2017-2021)

> Analyze in more detail



LSEVIER

bioelectronics AND *conduct* AND *melanin* - 4 September 2022 ☆

View Publication Set definition

2017 to 2022

Data sources >

Summary | Institutions | Countries & Regions | Authors | Scopus Sources | Keyphrases

Details | Most active core authors

Keyphrases

Top 50 keyphrases by relevance, based on 28 publications

+ Add to Reporting | Export >

Keyphrase color legend: clicking A.K.A. grouping (2017-2022)

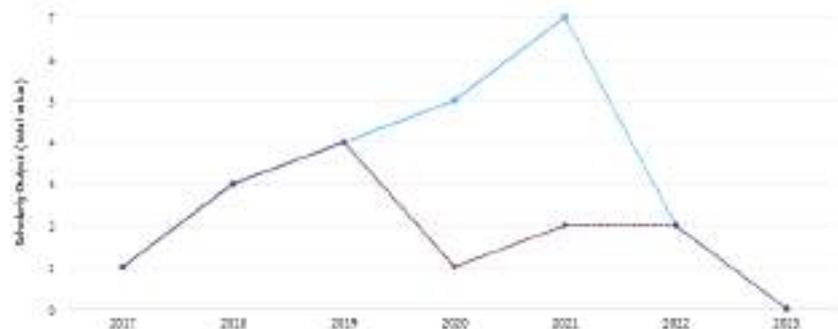
Select all | Reset

- Melanin
- Conductivity
- Biocompatibility
- Biodegradability
- Grants
- Conducting Polymer
- Impedance Spectroscopy
- Bioelectronic Device
- Pigments
- S,S-Dithiopyrrole
- Functional Hydrogel
- Electrical Conductivity
- Proton Conductor
- Material
- Biomaterial
- Carbonic Acid

Line Chart | Table

28 publications

View: Scholarly Output | by year



Filter details

- 11 items: Publication Year
- 11 items: Scholarly Output
- Type of publications included: all
- Incomplete year >

Add new | Clear this section

Hide tags

Publication Sets

 bioelectronics AND *conduct* AND *melanin* - 4 September 2022

bioelectronics AND *conduct* AND *melanin* - 4 September 2022 ☆

Report from analysis

View Publication Set explorer

2022 to >2022

Data source

[Summary](#)
[Institutions](#)
[Countries & Regions](#)
[Authors](#)
[Scopus Sources](#)
[References](#)

Top authors

 Vendors

 Table
 Chart

 Intro guidance
 Add to reporting
 Export

Top 50 authors in this Publication Set, by Scholarly Output

 lowest
 highest metric value
 highest

 Display row time
 Add to panel

 Hide table

<input type="checkbox"/>	Author	Affiliation	Scholarly Output	View Count	Field-Weighted Citations Impact	Citation Count
1.	Herdeth, Paul	Greece University	5	224	1.71	173
2.	Huelst, A. Bernadine	Greece University	4	134	1.41	109
3.	Greff, Carlos F.O.	Universidade Estadual Paulista Júlio de Mesquita Filho	3	26	0.96	28
4.	Hahn, Johannes	Centro Nacional de Pesquisa em Energia e Materiais	3	26	0.96	28
5.	Pizzetti, Alessandro	National Research Council of Italy	3	196	1.24	118
6.	Motrilov, S.L.	Moscow Institute of Physics and Technology	2	111	0.26	4
7.	Bednar, Zdeněk	Moscow Institute of Physics and Technology	2	81	0.98	1
8.	Goryunov, Boris P.	Moscow Institute of Physics and Technology	2	81	0.98	1
9.	Dine, Bang-Sup	Yonsei University	2	81	0.70	14
10.	Abramov, Pavel A.	Moscow Institute of Physics and Technology	2	41	0.11	1
11.	Albani, Luis Gustavo Simão	Centro Nacional de Pesquisa em Energia e Materiais	2	34	0.11	1
12.	Hill, M.	National Research Council of Italy	1	181	0.91	88
13.	Zangeneh, Augusto	Universidade Estadual Paulista Júlio de Mesquita Filho	1	17	1.81	14
14.	Rafi-Buqin, Carlos César	Centro Nacional de Pesquisa em Energia e Materiais	1	24	0.11	1
15.	Dragadhis, Grigoris	Universidade Estadual Paulista Júlio de Mesquita Filho	1	24	0.11	1

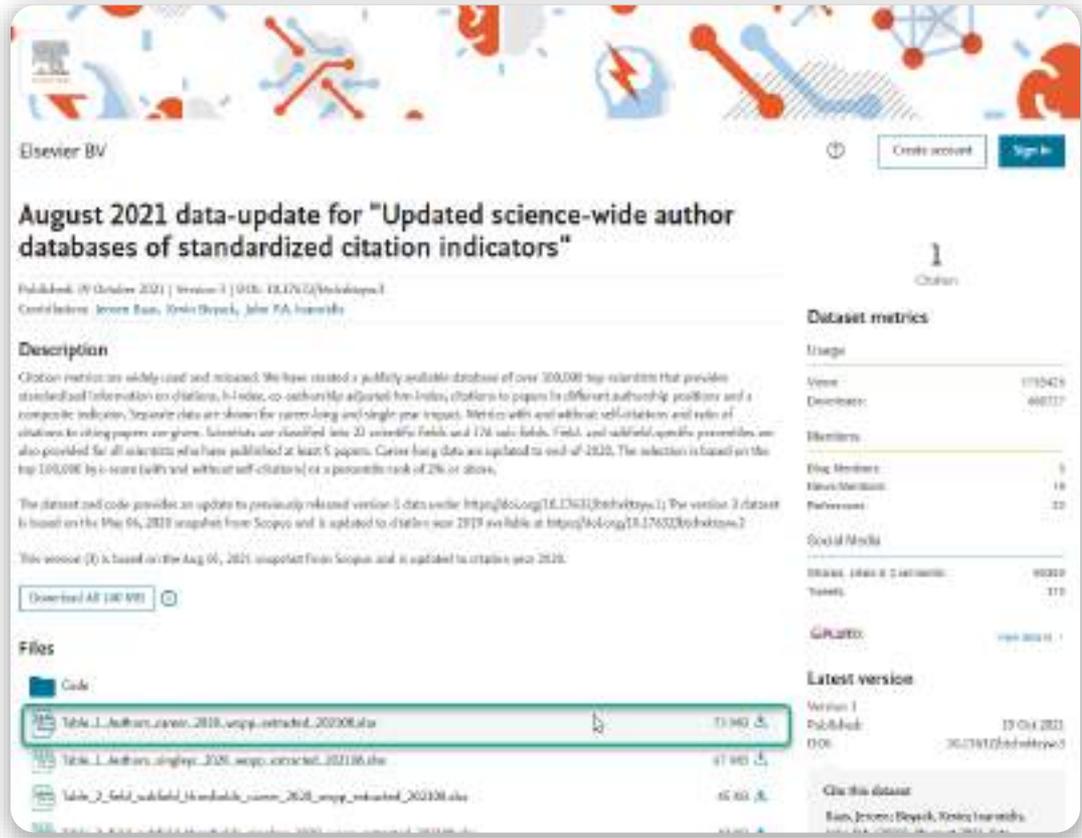
¿Cómo se puede analizar la autoría (primer autor, autor de correspondencia) en SciVal?



Database of over 100,000 top-scientists

- <https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/3>

Author	Inst. name	inst. type	rank (2021)
Wittich, Michael	Borde Polytechnique Institute	usa	1
Grimes, Michael	Borde Polytechnique Institute	usa	2
Wright, Walter C.	Harvard T.H. Chan School of Public Health	usa	3
Wang, Dong Lin	Georgia Institute of Technology	usa	4
Konczak, Ronald C.	Harvard Medical School	usa	5
Krause, Georg	University of Wuerzburg	ger	6
Whitfield, George M.	Harvard University	usa	7
Frazier, Paul A.	University College London	gbg	8
Witten, Edward	Institute for Advanced Study	usa	9
McEwen, Bruce S.	Bedford Hills University	usa	10
Barney, Peter S.	National Heart and Lung Institute	usa	11
Arbman, Douglas G.	University of Oxford	gbg	12
Hallgrímsson, Bryn	Peng Lee Lin School of Biomedical Sciences	usa	13
Karin, Michael	University of California	usa	14
Reedus, John P.	Temple University	usa	15
Falkman, Julie	Children's Hospital Boston	usa	16
Yasui, Saburo	Mitsubishi University	jpn	17
Santella, Gregg L.	Johns Hopkins School of Medicine	usa	18
Miller, Paul M.	Brigham and Women's Hospital	usa	19
Beake, David B.	California University	usa	20
Casper, Robert	Massachusetts Institute of Technology	usa	21
Julius, Peter	Harvard Medical School	usa	22
Akita, Masao	SPRI Immunology Frontier Project	jpn	23
Harman, M. J.	University of Michigan	usa	24
Barnes, Albert	Stanford University	usa	25
LeVine, Dennis J.	Harvard Medical School	usa	26
Mattson, Mark P.	Johns Hopkins School of Medicine	usa	27
Shenolik, Charles A.	Balliol College Oxford	gbg	28
Chen, Zhong	Chinese Academy of Sciences	chn	29
Lee, Robert K.	Massachusetts General Hospital	usa	30
Lee, Yeon	Harvard T.H. Chan School of Public Health	usa	31
Lee, Yung-Jui	University of California	usa	32
Chen, Zhong	Chinese Academy of Sciences	chn	33
Chen, Zhong	Chinese Academy of Sciences	chn	34
Chen, Zhong	Chinese Academy of Sciences	chn	35
Chen, Zhong	Chinese Academy of Sciences	chn	36
Chen, Zhong	Chinese Academy of Sciences	chn	37
Chen, Zhong	Chinese Academy of Sciences	chn	38
Chen, Zhong	Chinese Academy of Sciences	chn	39
Chen, Zhong	Chinese Academy of Sciences	chn	40



Elsevier BV Credits account Sign in

August 2021 data-update for "Updated science-wide author databases of standardized citation indicators"

Published: 19 October 2021 | Version: 3 | DOI: 10.1016/j.elsevier.2021.100000

Contributors: Jerome Bounie, Kristin Dwyer, John P.A. Ioannidis

Description

Citation metrics are widely used and misused. We have created a publicly available database of over 100,000 top scientists that provides standardized information on citations, h-index, co-authors (or adjusted h-index), citations to papers in different authorship positions and a composite indicator. Separate data are shown for career-long and single year impact. Metrics with and without self-citations and ratio of citations to citing papers are given. Scientists are classified into 20 scientific fields and 126 sub-fields. Field- and subfield-specific percentiles are also provided for all scientists who have published at least 5 papers. Career-long data are updated to end-of-2020. The selection is based on the top 100,000 by h-index (with and without self-citations) or a percentile rank of 2% or above.

The dataset and code provide an update to previously released version 3 data with <https://doi.org/10.1016/j.elsevier.2021.100000>. The version 3 dataset is based on the May 04, 2020 snapshot from Scopus and is updated to citations year 2019 available at <https://doi.org/10.1016/j.elsevier.2020.100000>.

This version (3) is based on the Aug 04, 2021 snapshot from Scopus and is updated to citations year 2020.

[Download All \(100 MB\)](#)

Files

Code

- Table_1_Authors_career_2019_wppp_extracted_202008.xlsx (13 MB)
- Table_1_Authors_singleyr_2020_wppp_extracted_202108.xlsx (47 MB)
- Table_2_Field_subfields_16_subfields_names_2020_wppp_extracted_202108.xlsx (45 MB)

Dataset metrics

Usage

- Views: 1732426
- Downloads: 466317

Highlights

- File Size: 0
- Files: 19
- References: 20

Social Media

- Twitter: 10000
- Facebook: 110

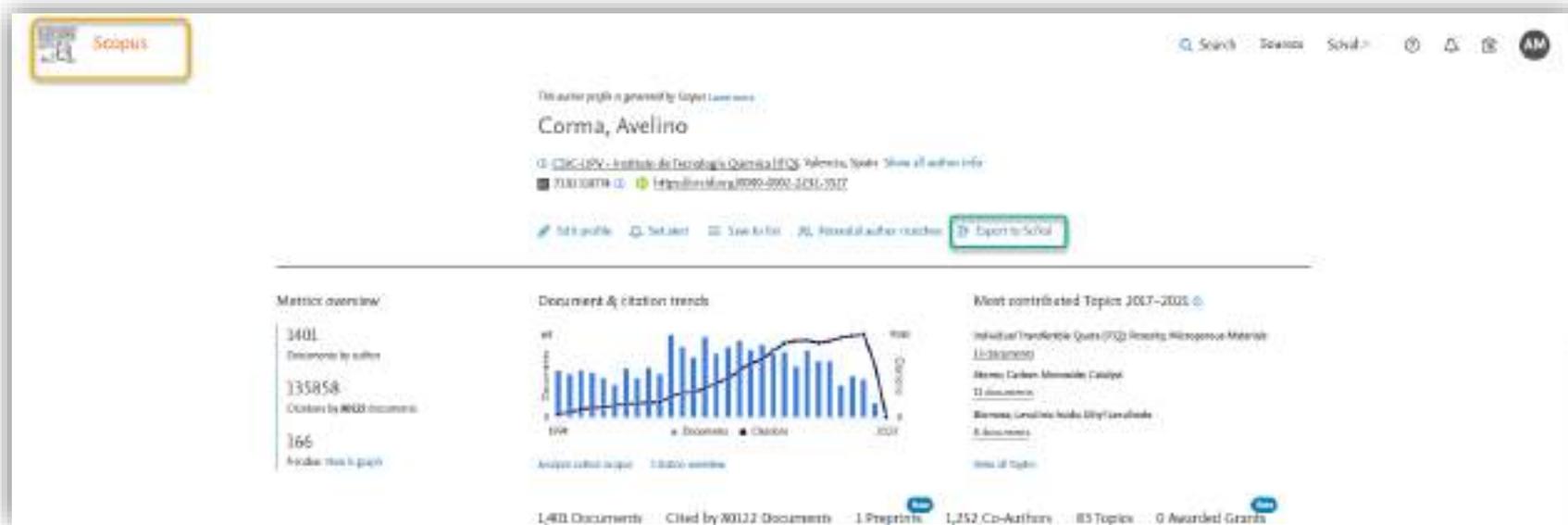
Latest version

- Version: 3
- Published: 19 Oct 2021
- DOI: 10.1016/j.elsevier.2021.100000

Use this dataset

Item: Jerome Bounie, Kristin Dwyer, John P.A. Ioannidis

Importación del autor a SciVal



The screenshot shows the Scopus author profile for Avelino Corma. The 'Export to SciVal' button is highlighted with a green box. The profile includes a metrics overview, document and citation trends, and most contrasted topics.

Metrics overview

- 1401 Documents by author
- 335858 Citations by 4022 documents
- 166 Articles that is payw

Document & citation trends

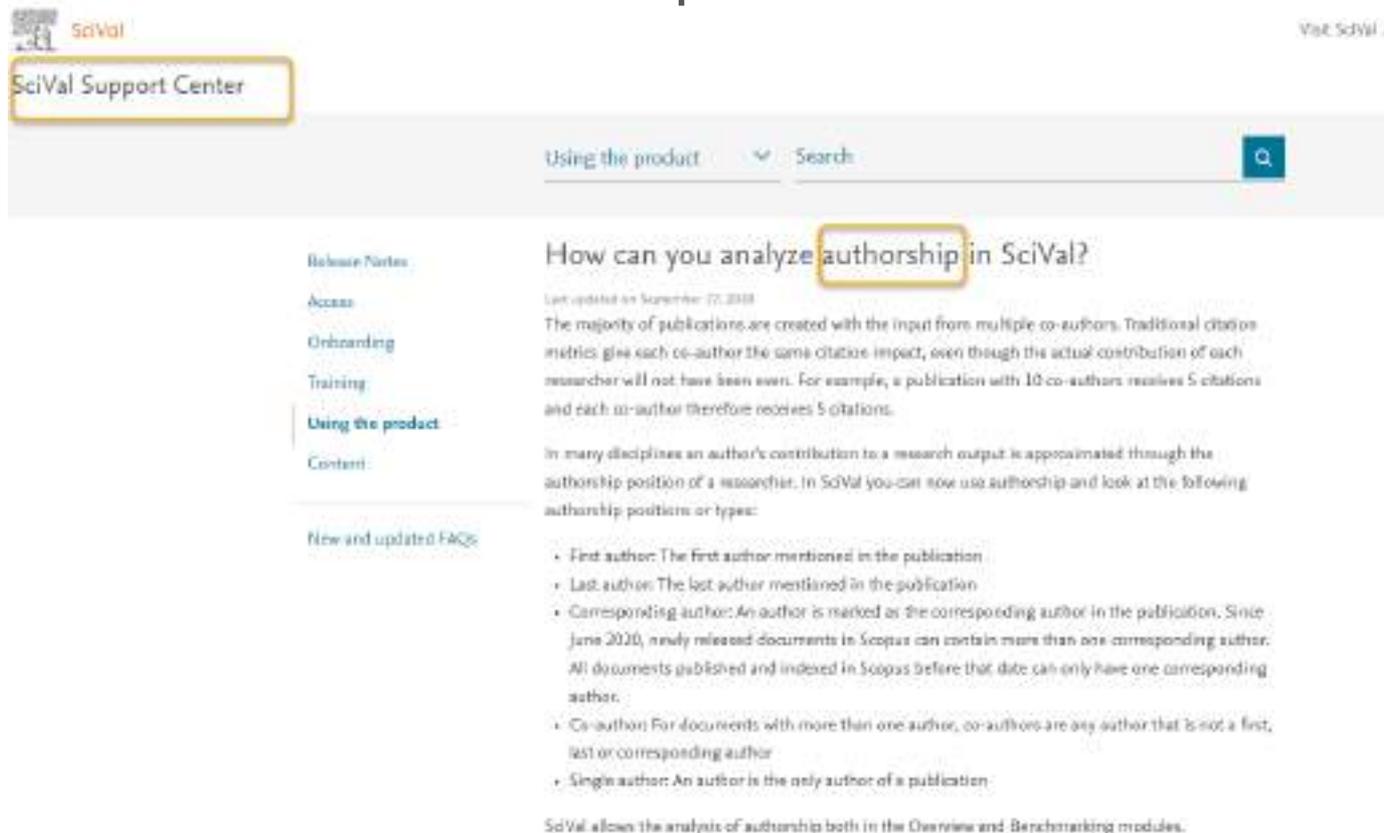
Bar chart showing document counts from 1998 to 2021. The x-axis is labeled 'Year' and the y-axis is labeled 'Documents'. The chart shows a steady increase in document counts over time, with a slight dip around 2018. The legend indicates 'Economics' (blue bars) and 'Chemistry' (black bars).

Most contrasted Topics 2017-2021

- Infrared Transference Quanta (702) Diversity Heterogeneous Materials (12 documents)
- Boron Carbon Monoxide Catalyst (11 documents)
- Boron Carbide-based Heterogeneous Catalysts (8 documents)

Summary statistics: 1,401 Documents, Cited by 303,122 Documents, 1 Preprint, 1,252 Co-Authors, 83 Topics, 0 Awarded Grants

Información sobre los tipos de autoría



The screenshot shows the SciVal Support Center interface. At the top left, there is a 'SciVal' logo and a 'SciVal Support Center' button. On the right, there is a 'Visit SciVal >' link. Below the header, there is a navigation bar with 'Using the product' and a search bar. The main content area features a sidebar on the left with links for 'Release Notes', 'Access', 'Onboarding', 'Training', 'Using the product' (highlighted), and 'Content'. Below the sidebar, there is a section for 'New and updated FAQs'. The main article title is 'How can you analyze authorship in SciVal?', with 'authorship' highlighted in a yellow box. The article text explains that traditional citation metrics give each co-author the same citation impact, even though their actual contributions may differ. It provides an example of a publication with 10 co-authors receiving 5 citations, where each author receives 5 citations. It also notes that in many disciplines, an author's contribution is approximated by their authorship position. The article lists four types of authorship: First author, Last author, Corresponding author, and Co-author. It also mentions that SciVal allows the analysis of authorship in both the Overview and Benchmarking modules.

SciVal

SciVal Support Center

Using the product Search

How can you analyze authorship in SciVal?

Last updated on September 27, 2022

The majority of publications are created with the input from multiple co-authors. Traditional citation metrics give each co-author the same citation impact, even though the actual contribution of each researcher will not have been even. For example, a publication with 10 co-authors receives 5 citations and each co-author therefore receives 5 citations.

In many disciplines an author's contribution to a research output is approximated through the authorship position of a researcher. In SciVal you can now use authorship and look at the following authorship positions or types:

- **First author:** The first author mentioned in the publication
- **Last author:** The last author mentioned in the publication
- **Corresponding author:** An author is marked as the corresponding author in the publication. Since June 2020, newly released documents in Scopus can contain more than one corresponding author. All documents published and indexed in Scopus before that date can only have one corresponding author.
- **Co-author:** For documents with more than one author, co-authors are any author that is not a first, last or corresponding author
- **Single author:** An author is the only author of a publication

SciVal allows the analysis of authorship both in the Overview and Benchmarking modules.

https://service.elsevier.com/app/answers/detail/a_id/31379/c/10546/supporthub/scival/

Información sobre los tipos de autoría

- **Primer autor:** El primer autor mencionado en la publicación
Último autor: El último autor mencionado en la publicación
- **Autor de correspondencia:** Un autor está marcado como autor de correspondencia en la publicación. Desde junio de 2020, los documentos recién publicados en Scopus pueden contener más de un autor de correspondencia. Todos los documentos publicados e indexados en Scopus antes de esa fecha sólo pueden tener un autor de correspondencia.
- **Coautor:** Para los documentos con más de un autor, los coautores son cualquier autor que no sea el primero, el último o el autor de correspondencia
- **Autor único:** Un autor es el único autor de una publicación
Traducción realizada con la versión gratuita del traductor

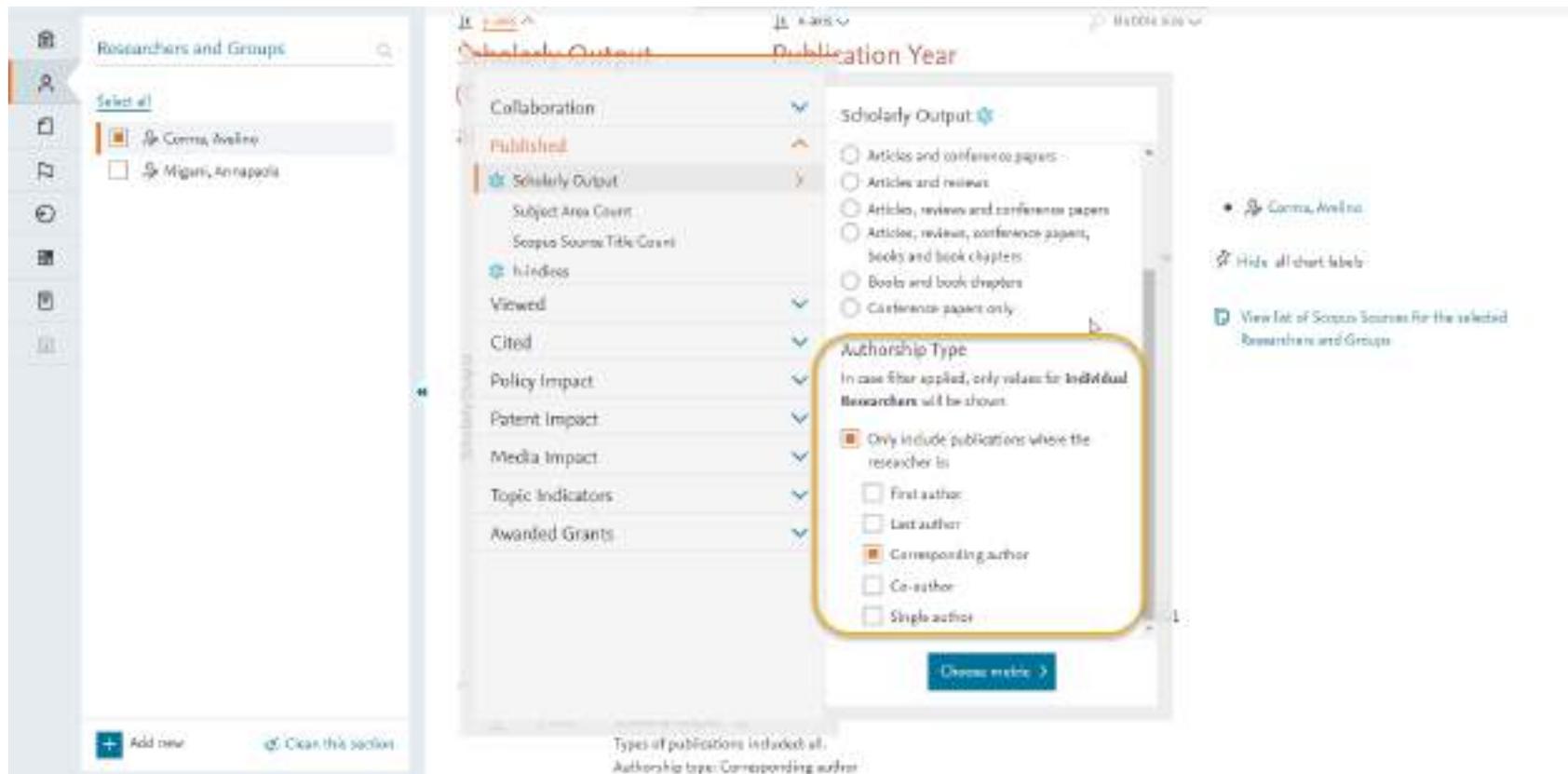
Cuando utilice esta función, tenga en cuenta las siguientes limitaciones:



When using this functionality, be mindful of the following limitations:

- Around 2% of all Scopus records present in SciVal do not contain any author data.
- Not all documents list a corresponding author. Analyses suggest this is the case for around 20% of all Scopus records present in SciVal.
- In disciplines such as physics and mathematics, authors are often listed alphabetically in the publications and corresponding metadata. We recommend analyzing these disciplines separately and to focus on the corresponding author, if one is indicated, rather than the first or last author.

Publicaciones por tipo de autoría



The screenshot displays the SciVal interface with the following elements:

- Left Panel:** 'Researchers and Groups' section with a search bar and a list of researchers: Corina, Avilina (selected) and Miquel, Annapola.
- Main Panel:** A filter menu with categories: Collaboration, Published, Scholarly Output (selected), Subject Area Count, Scopus Source Title Count, h-indices, Viewed, Cited, Policy Impact, Patent Impact, Media Impact, Topic Indicators, and Awarded Grants.
- Scholarly Output Filter:** A sub-menu with radio button options: Articles and conference papers, Articles and reviews, Articles, reviews and conference papers, Article, review, conference paper, books and book chapters, Books and book chapters, and Conference papers only.
- Authorship Type Filter:** A sub-menu with a text box: 'In case filter applied, only values for **Individual Researchers** will be shown.' Below it are checkboxes: Only include publications where the researcher is (checked), First author, Last author, Corresponding author (checked), Co-author, and Single author. A 'Choose multiple' button is at the bottom.
- Right Panel:** A list of researchers: Corina, Avilina (selected), and a button 'View list of Scopus Sources for the selected Researchers and Groups'.
- Bottom:** A status bar showing 'Types of publications included all' and 'Authorship type: Corresponding author'.

Benchmarking

2016 to 2021 All subject areas

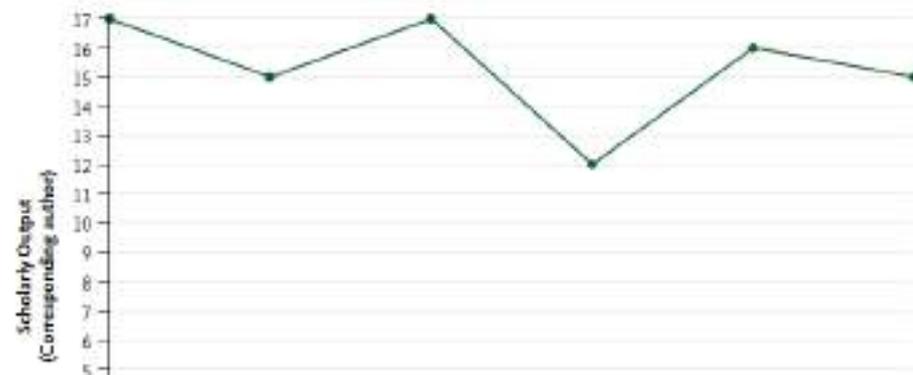
ASJC

[Data sources](#)

All Metrics Rankings Metrics

Scholarly Output
(Corresponding
author)

Publication Year



Benchmarking

2018 to 2021 All subject areas

ASJC

[Data sources](#)

All Metrics Rankings Metrics

Table Chart

Metric guidance Add to Reporting Export

Benchmark multiple metrics Reset to one metric over time

Heatmap

Entity

Scholarly Output

Scholarly Output
(Corresponding author)

Scholarly Output (Last /
Corresponding author)

Corina, Avdiño

228

92

171

View list of Scopus Sources for the selected Researchers and Groups

Metrics details

Metric 1: **Scholarly Output**
Types of publications included: all

Metric 2: **Scholarly Output**
Types of publications included: all
Authorship type: Corresponding author

Metric 3: **Scholarly Output**
Types of publications included: all
Authorship type: Last / Corresponding author

Publications of Corma, Avelino (Corresponding author)

Year range: 2016 to 2021

Export

Authors

<input type="checkbox"/>	Corma, A.	92
<input type="checkbox"/>	Liu, L.	23
<input type="checkbox"/>	Concepción, P.	17
<input type="checkbox"/>	Molina, M.	15
<input type="checkbox"/>	Iborra, S.	9

Show more View all

Institutions

<input type="checkbox"/>	Polytechnic University of Valencia	92
<input type="checkbox"/>	CSIC-UPV - Institute of Chemical Technology	84
<input type="checkbox"/>	CSIC	75
<input type="checkbox"/>	King Fahd University of Petroleum and Minerals	8
<input type="checkbox"/>	Jilin University	4

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Publication years

<input type="checkbox"/>	2021	15
<input type="checkbox"/>	2020	16
<input type="checkbox"/>	2019	12

Apply filter

Options

92 publications | Save as Publication Set

Title	Authors	Year	Scopus Source	Citations
Metal Catalysts for Heterogeneous Catalysis: From Single Atoms to Nanoclusters and Nanoparticles Open Access > View abstract View in Scopus	Liu, L., Corma, A.	2018	Chemical Reviews	1,870
Advances in One-Pot Synthesis through Borrowing Hydrogen Catalysis Open Access > View abstract View in Scopus	Corma, A., Navas, J., Sabater, M.J.	2018	Chemical Reviews	487
Generation of subnanometric platinum with high stability during transformation of a 2D zeolite into 3D Open Access > View abstract View in Scopus	Liu, L., Díaz, U., Arenal, R. and 3 more	2017	Nature Materials	348
Ordered covalent organic frameworks, COFs and PAFs. From preparation to application Open Access > View abstract View in Scopus	Díaz, U., Corma, A.	2016	Coordination Chemistry Reviews	200
Control of zeolite framework flexibility and pore topology for separation of ethane and ethylene > View abstract View in Scopus	Bereciartua, P.J., Cantín, Á., Corma, A. and 14 more	2017	Science	187
Regionselective generation and reactivity control of subnanometric platinum clusters in zeolites for high-temperature catalysis Open Access > View abstract View in Scopus	Liu, L., Lopez-Haro, M., Lopes, C.W. and 5 more	2019	Nature Materials	166

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Metal Catalysts for Heterogeneous Catalysis: From Single Atoms to Nanoclusters and Nanoparticles

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Actualmente se admiten las siguientes métricas en combinación con los distintos tipos de autoría:



- Scholarly Outputs
- Citation Count
- Citations per Publication
- Field-Weighted Citation Impact
- Outputs in Top 10% Citation Percentiles (field-weighted and non-field-weighted)
- Outputs in Top 25% Citation Percentiles (field-weighted and non-field-weighted)



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Gracias

