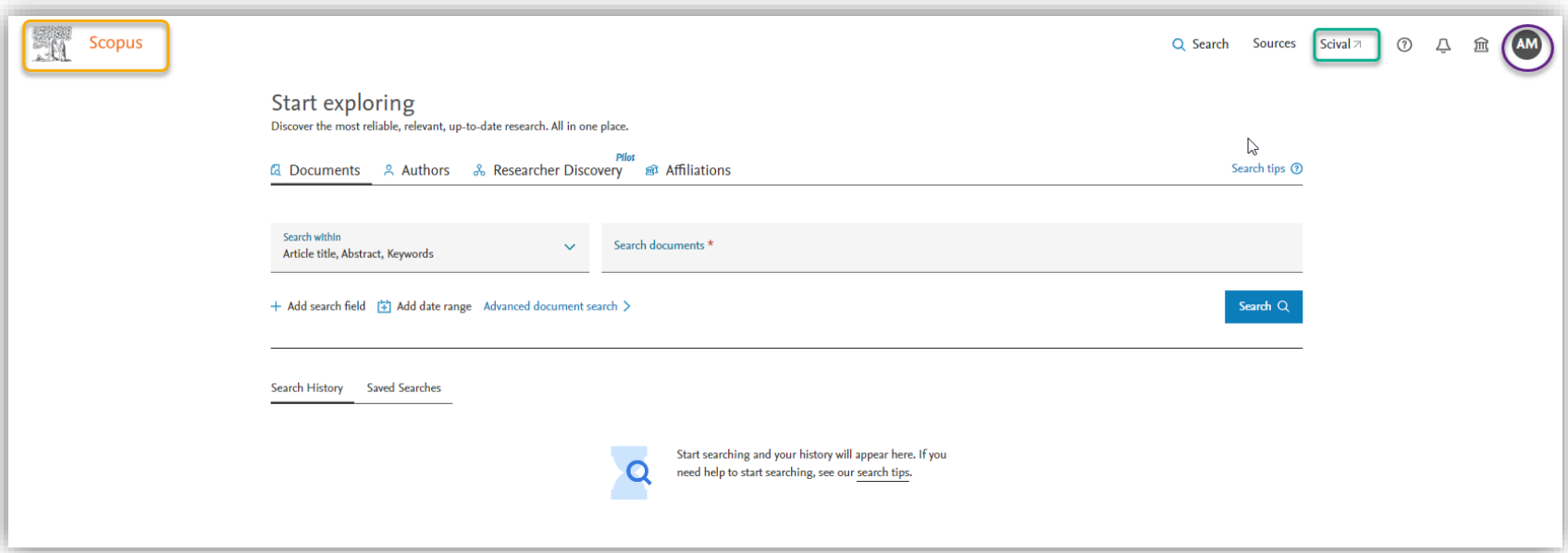
Ejemplos de casos prácticos con SciVal

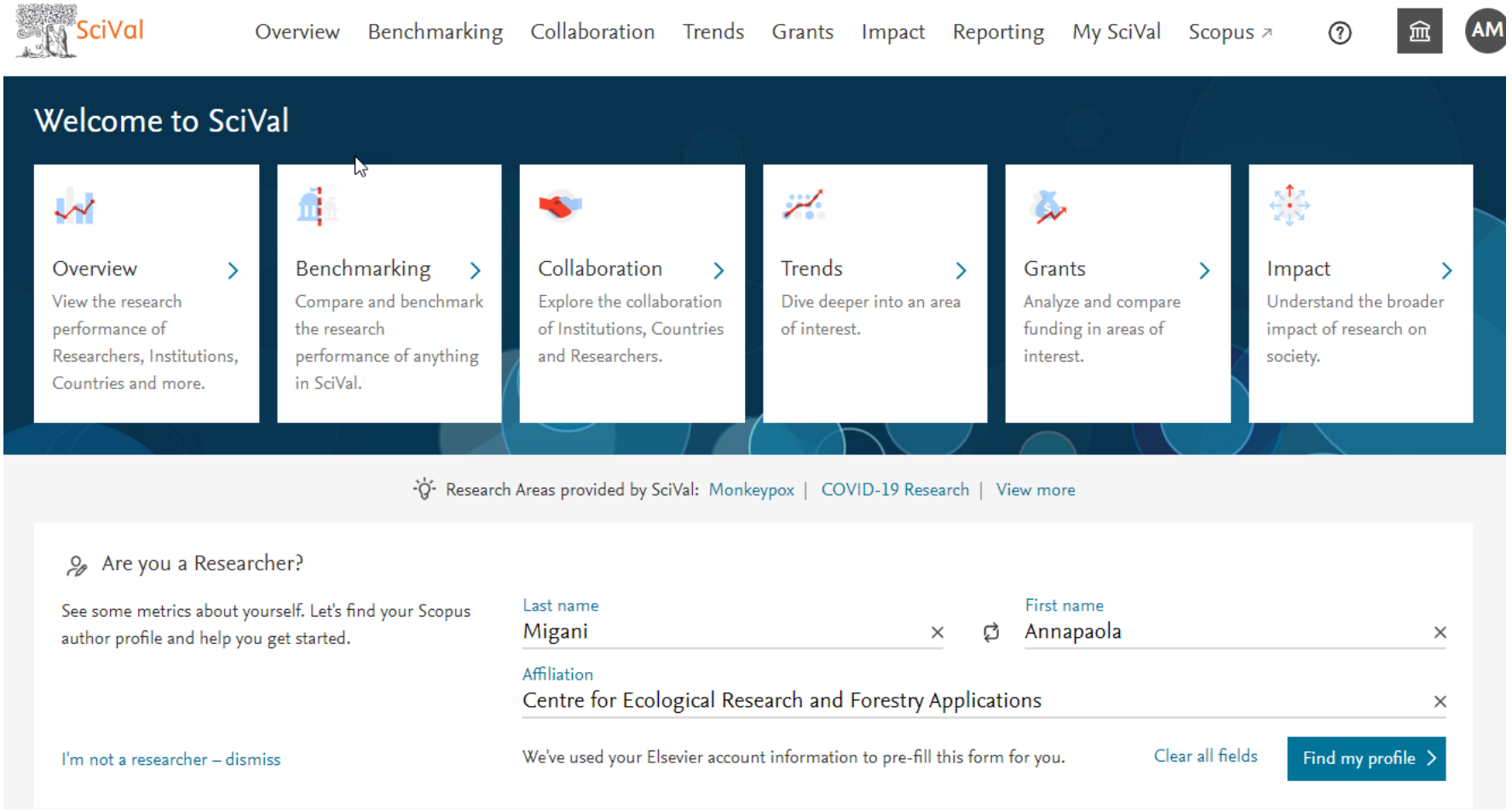
Nivel intermedio

Septiembre, 2022

Annapaola Migani

Inicio de sesión

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Affiliation
Centre for Ecological Research and Forestry Applications
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Casos prácticos

¿Como 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?

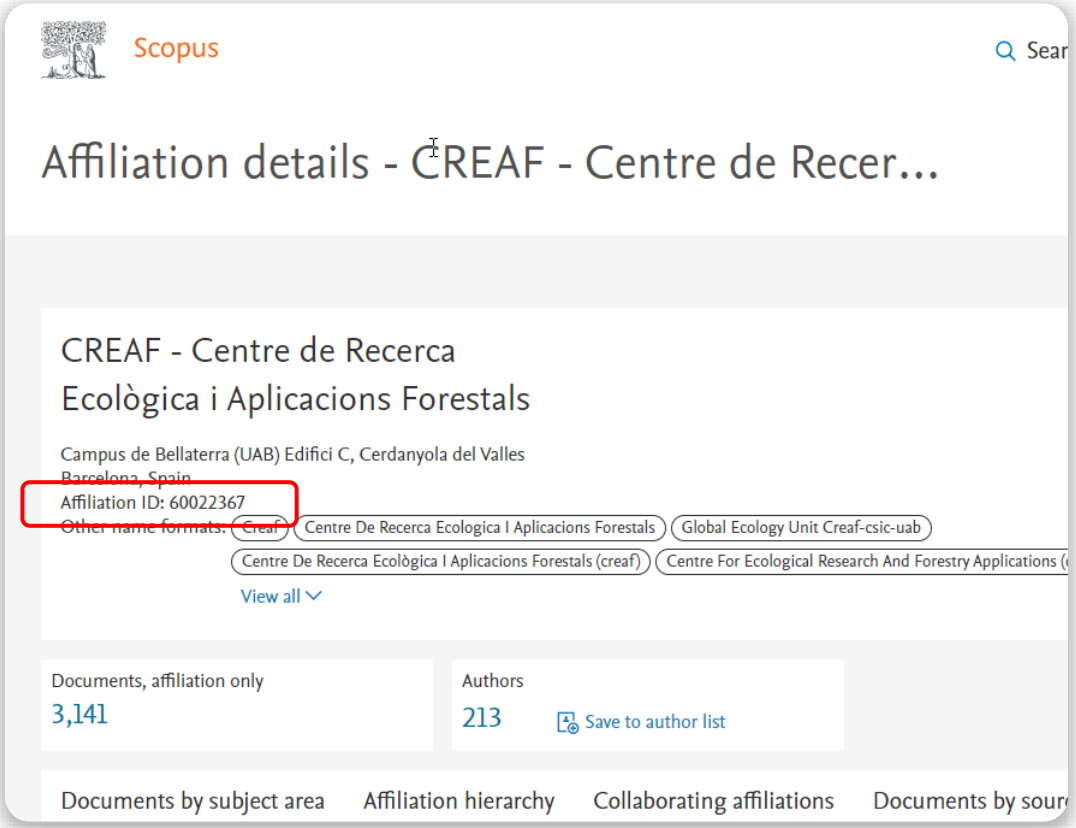
¿Con quién podríamos colaborar y solicitar una ayuda en 'bioelectrónica basada en la melanina'?

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

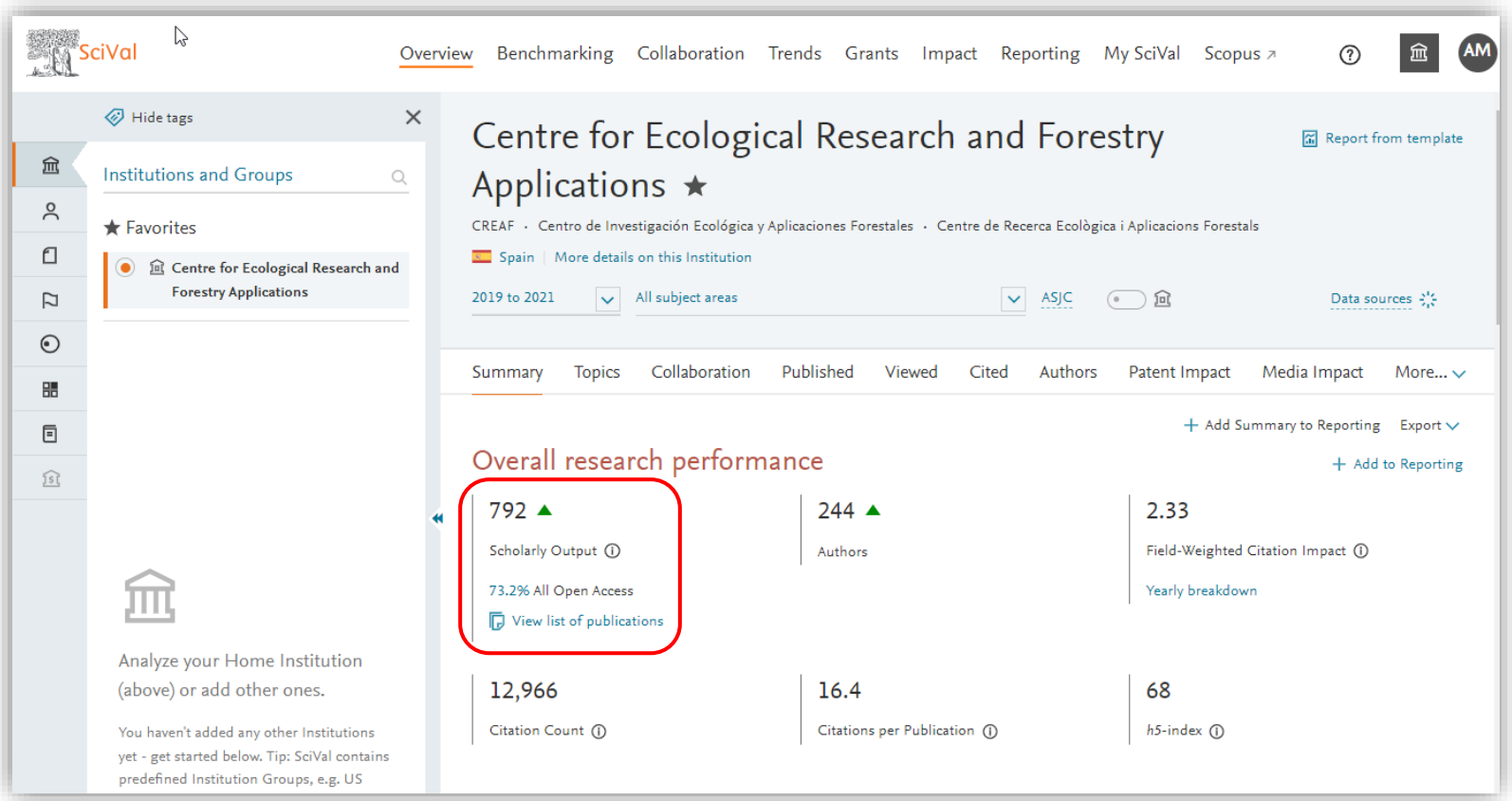
¿Como se identifican las publicaciones de un centro de investigación?

Centro de investigación CREAF 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.

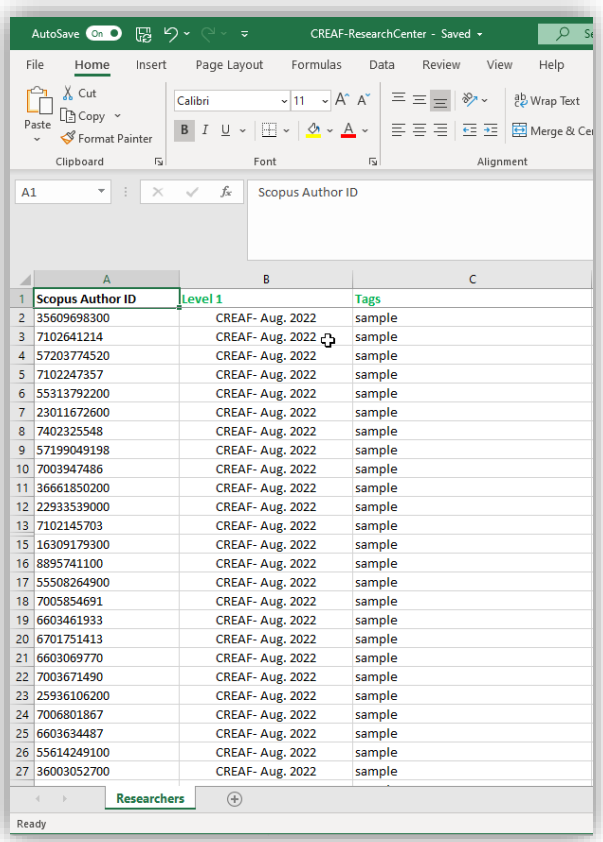


Centro de investigación CREAF en SciVal



Centro de investigación CREAF usando los Author – IDs de Scopus del PDI

- Importe la hoja de cálculo adjunta CREAF-ReserachCenter.xlsx' en su My SciVal
- Para obtener instrucciones sobre la importación de un grupo de investigadores utilizando una hoja de cálculo, consulte Creating researchers and departmental hierarchy structures https://service.elsevier.com/app/answers/detail/a_id/18314/supporthub/scival/



	A	B	C
1	Scopus Author ID	Level 1	Tags
2	35609698300	CREAF- Aug. 2022	sample
3	7102641214	CREAF- Aug. 2022	sample
4	57203774520	CREAF- Aug. 2022	sample
5	7102247357	CREAF- Aug. 2022	sample
6	55313792200	CREAF- Aug. 2022	sample
7	23011672600	CREAF- Aug. 2022	sample
8	7402325548	CREAF- Aug. 2022	sample
9	57199049198	CREAF- Aug. 2022	sample
10	7003947486	CREAF- Aug. 2022	sample
11	36661850200	CREAF- Aug. 2022	sample
12	22933539000	CREAF- Aug. 2022	sample
13	7102145703	CREAF- Aug. 2022	sample
15	16309179300	CREAF- Aug. 2022	sample
16	8895741100	CREAF- Aug. 2022	sample
17	55508264900	CREAF- Aug. 2022	sample
18	7005854691	CREAF- Aug. 2022	sample
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24	7006801867	CREAF- Aug. 2022	sample
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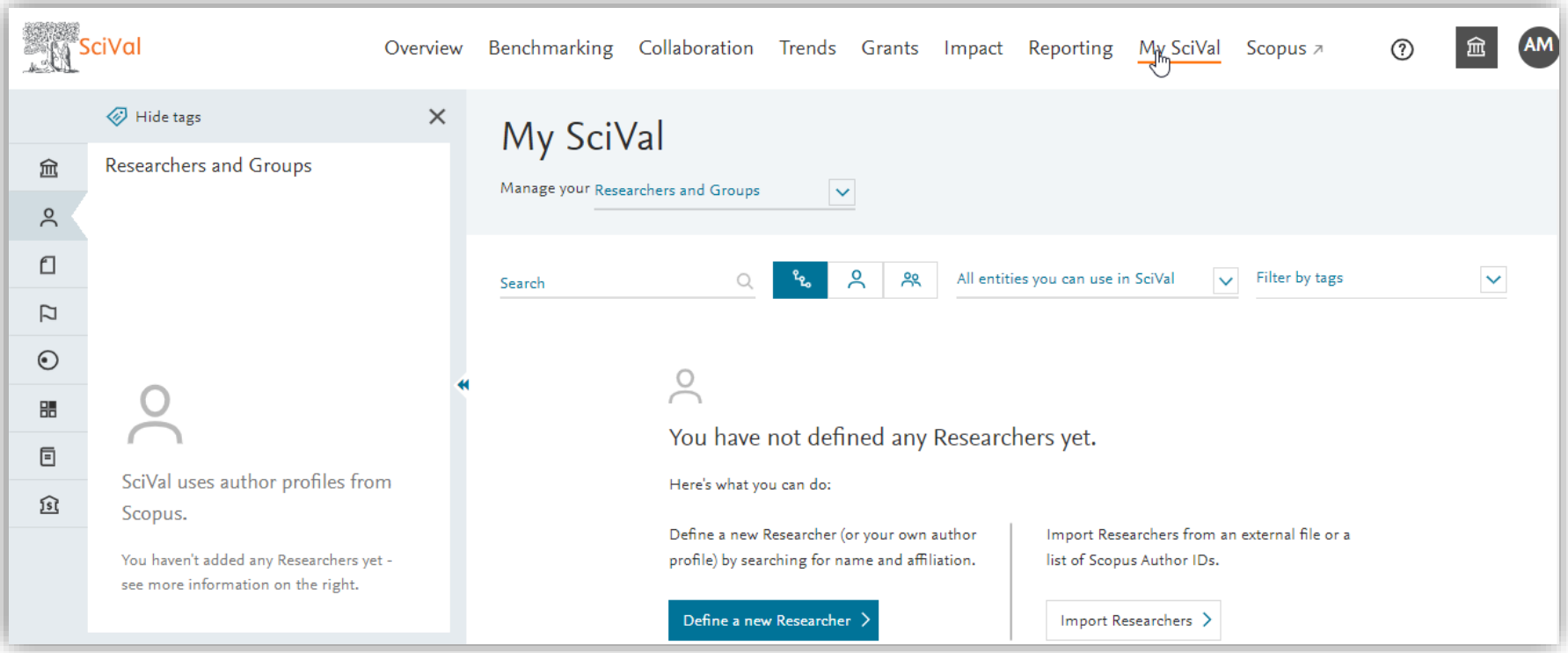
27	36003052700	CREAF- Aug. 2022	sample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SciVal uses author profiles from Scopus.
You haven't added any Researchers yet - see more information on the right.
My SciVal
Manage your Researchers and Groups
Search
All entities you can use in SciVal
Filter 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 ORCIDs 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
Alcañiz, Josep Maria	78
Andreu-Hayles, Laia	66
Andrés, Pilar	29
Bartumeus, Frederic	83

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, Laia
- Andrés, Pilar
- Bartumeus, Frederic
- Baśnou, Corina
- Bosch, Jordi

Structures to be imported

Search

Tags

+ Add group

CREAF- Aug. 2022

+ Add group

Pla-Rabes, Sergi
sample

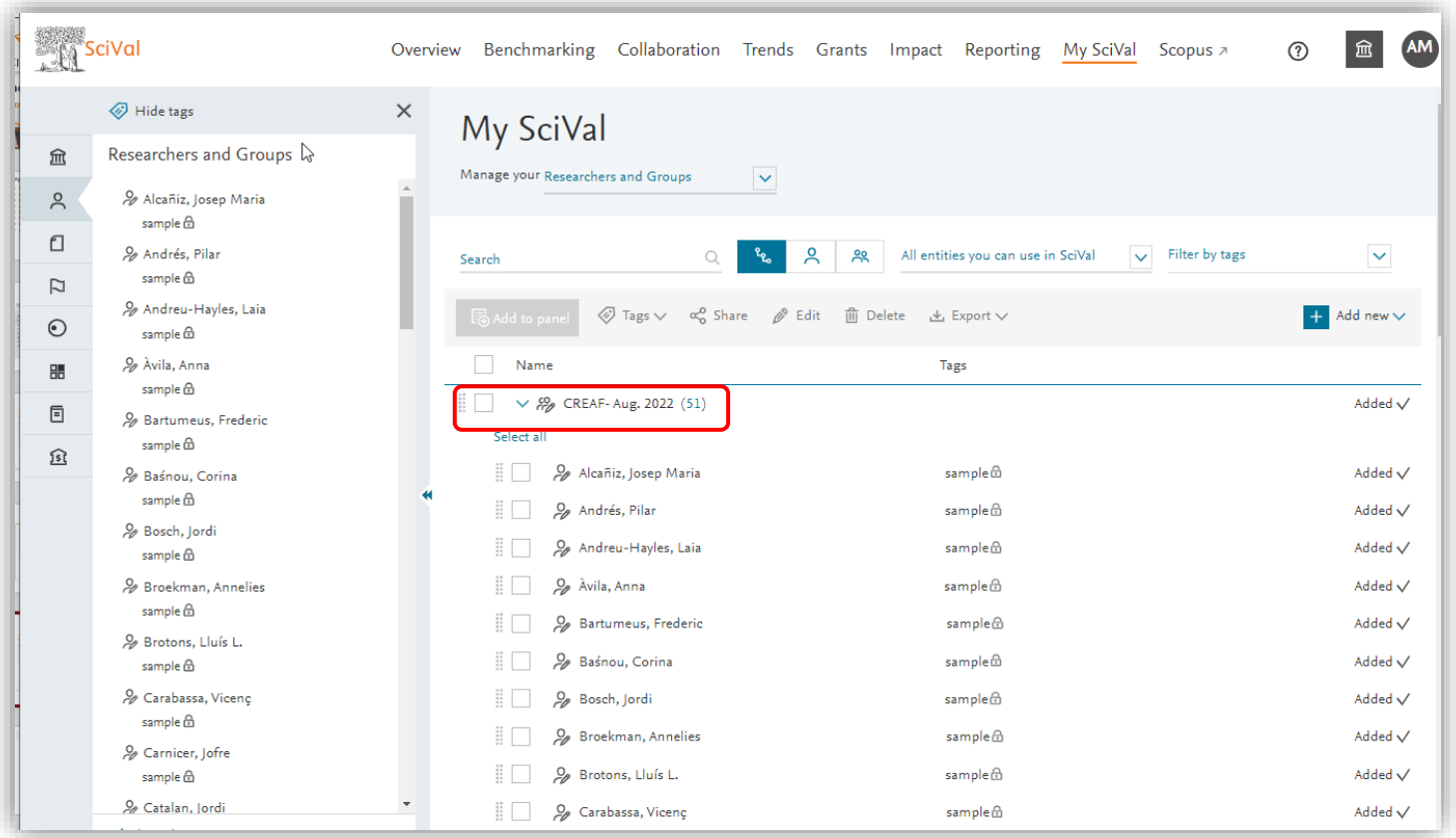
Àvila, Anna

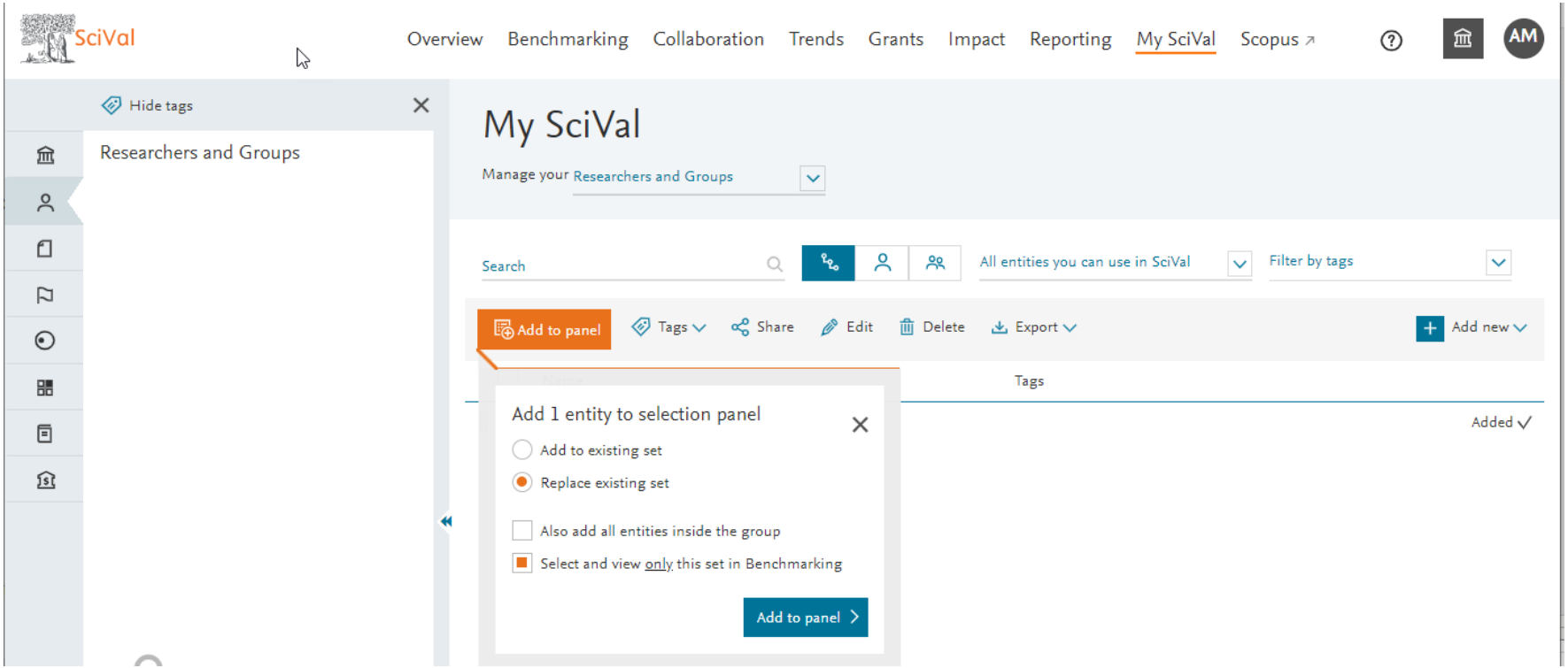
Previous step

Save and continue later

Save and finish

Grupo del PDI CREAF en My SciVal

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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 only this set in Benchmarking
Add to panel

SciVal

Overview | Benchmarking | Collaboration | Trends | Grants | Impact | Reporting | My SciVal | Scopus ↗

AM

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, UArctic, Ivy League etc.

Add new

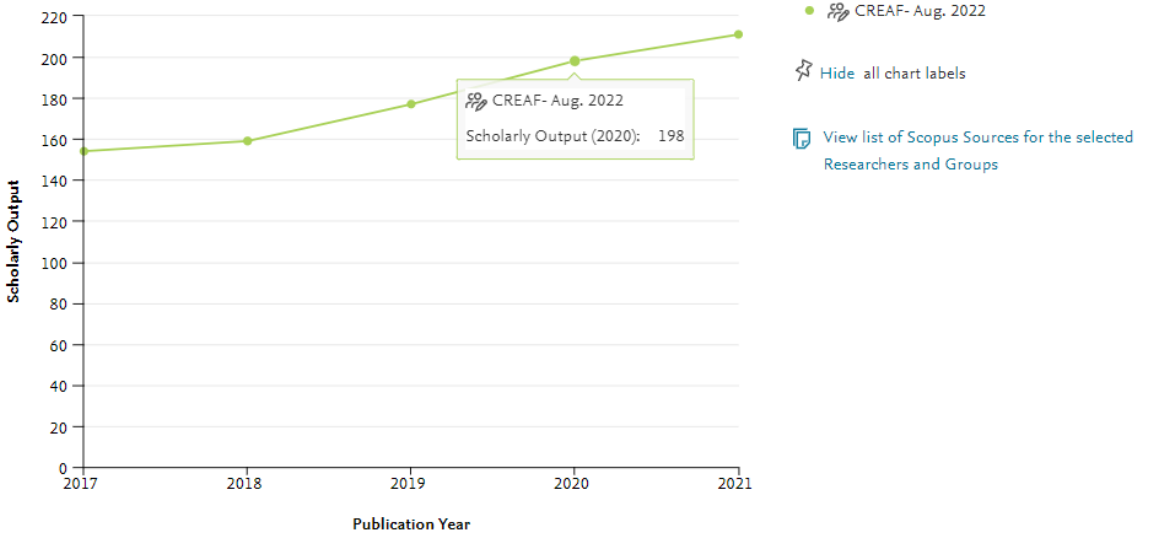
Benchmarking

2017 to 2021 | All subject areas | ASJC | (1) | Data sources

All Metrics | Rankings Metrics

Table | Chart | Metric guidance | Add to Reporting | Export

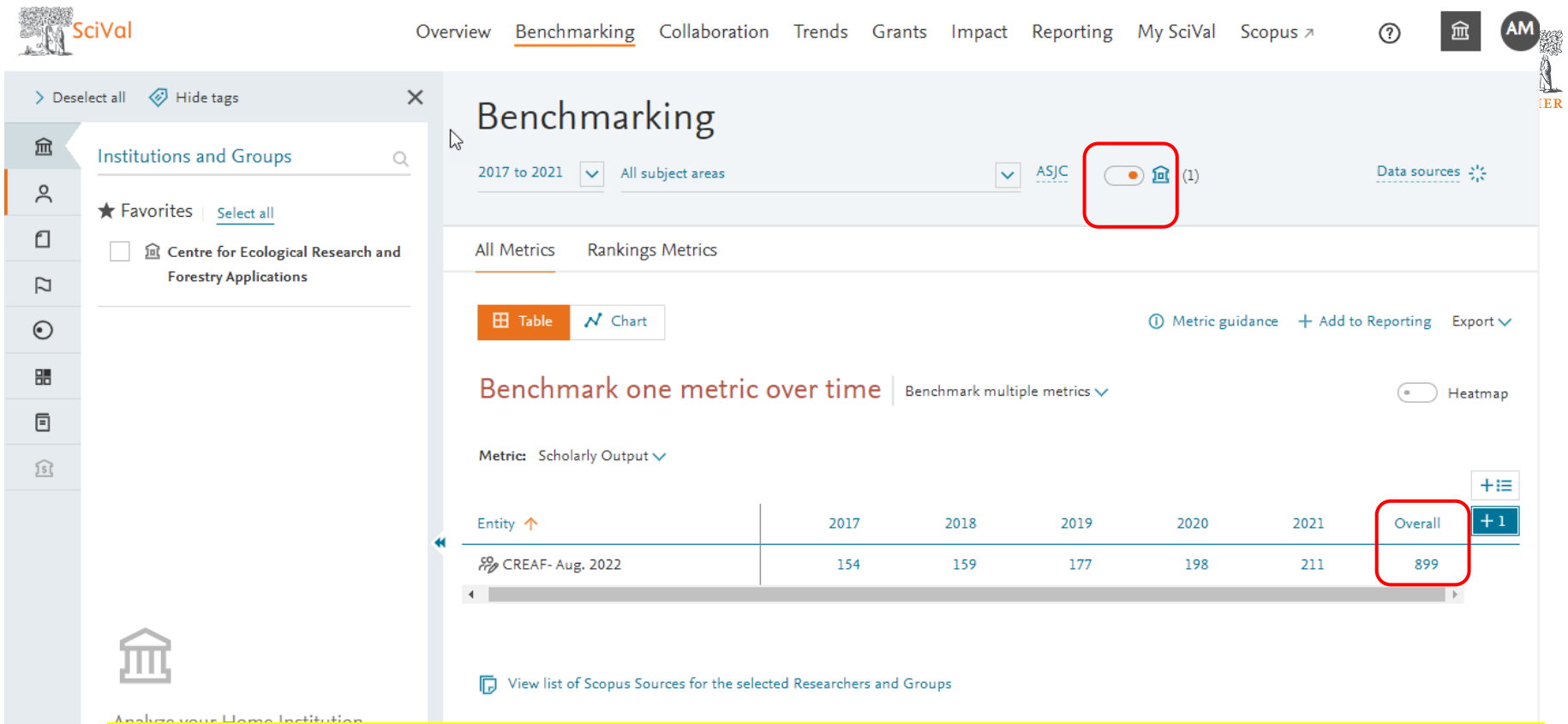
y-axis: Scholarly Output | x-axis: Publication Year | Bubble size



CREAF- Aug. 2022

Hide all chart labels

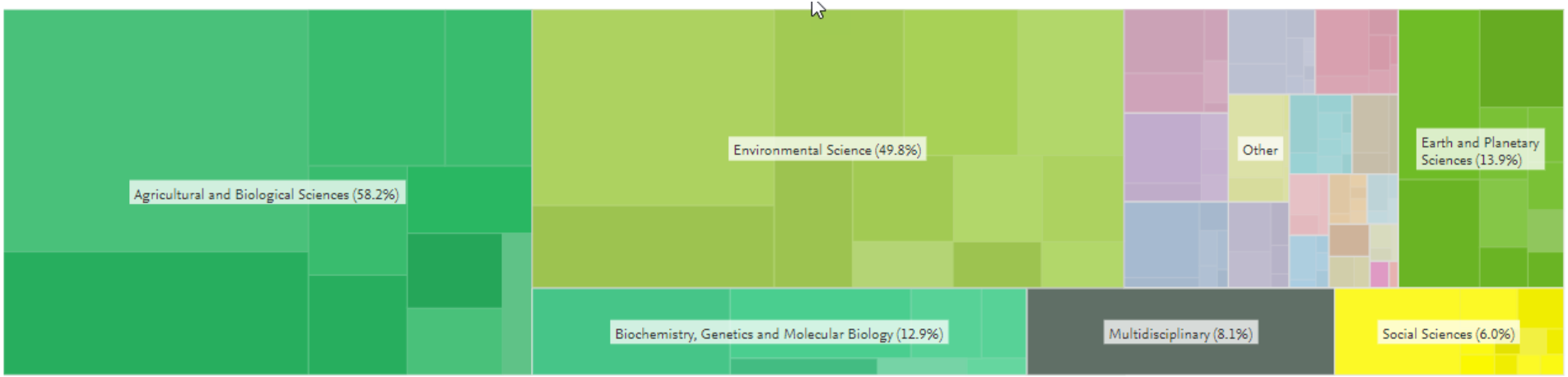
View list of Scopus Sources for the selected Researchers and Groups



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.

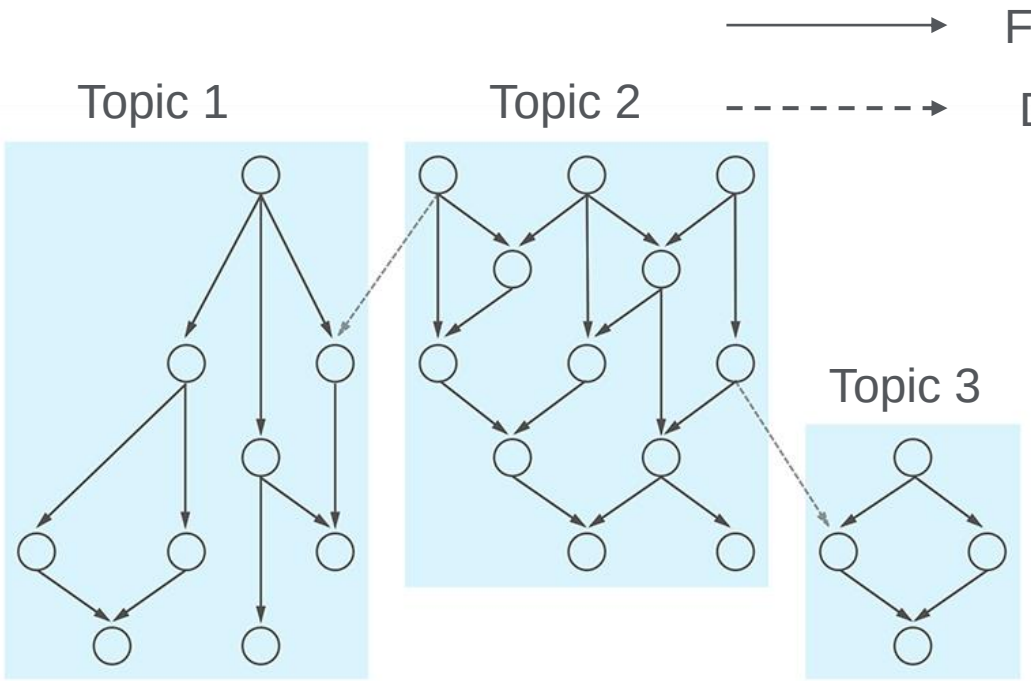
¿Cuáles son los principales temas de investigación por los que un centro destaca globalmente?

Categorías temáticas ASJC, CREAF 2017 - 2021



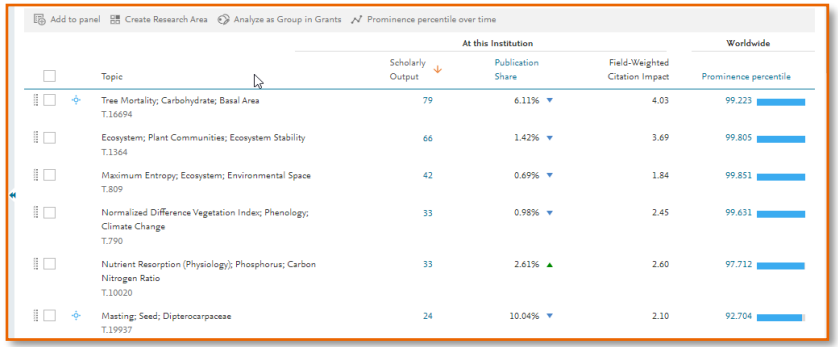
Temas de prominencia

- 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

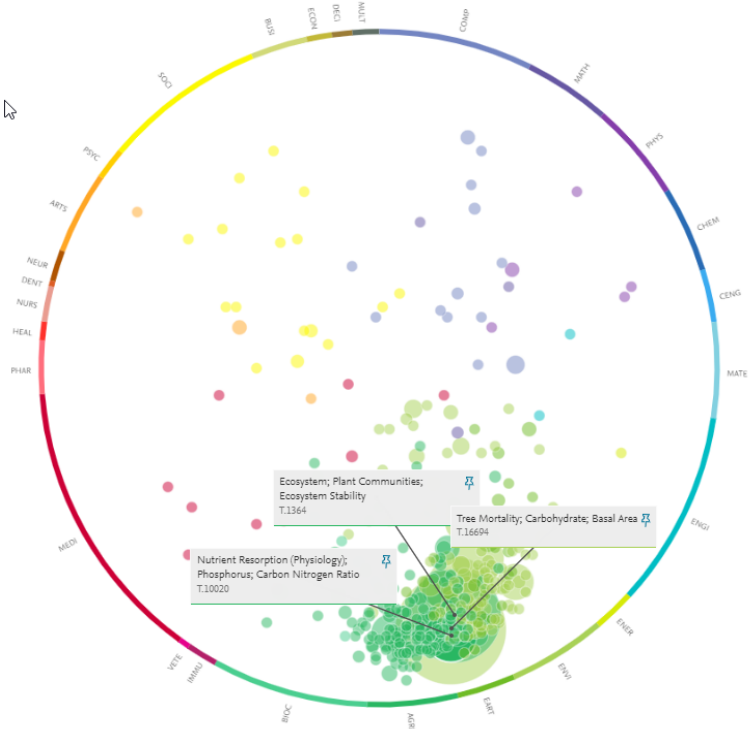


Research Portfolio Analysis and Topic of Prominence R. Klavans & K. Bovack
Journal of Infometrics, 11 (4): pp 1158-1174 (2017)

Topics, CREAF 2017 - 2021



Data set	Top 500 Topics by Scholarly Output					
Entity	Centre for Ecological Research and Forestry Applications					
Year range	2017 to 2021					
Subject classification	ASJC					
Filtered by	not filtered					
Types of publications inc	all publication types					
Self-citations	included					
Data source	Scopus					
Date last updated	31 August 2022					
Date exported	9 September 2022					
		At this Institution				Worldwide
Topic	Topic Number	Scholarly Output	Publication share (%)	Publication Share	Field-Weighted (	Prominence percentile
Tree Mortality; Carbohyd	T.16694	79	6.11	-54.6	4.03	99.22
Ecosystem; Plant Commu	T.1364	66	1.42	-46.4	3.69	99.80
Maximum Entropy; Ecosy	T.809	42	0.69	-63.5	1.84	99.85
Normalized Difference V	T.790	33	0.98	-46	2.45	99.63
Nutrient Resorption (Phy	T.10020	33	2.61	1.2	2.6	97.71
Masting; Seed; Dipteroca	T.19937	24	10.04	-71	2.1	92.70
Bombus; Bees; Neonicoti	T.2041	22	0.57	-5.9	4.35	99.78
Biochar; Soil; Black Carbo	T.401	21	0.22	-21	1.8	99.97
Hydraulics; Embolisms; H	T.2600	21	1.58	-57.7	4.06	98.42
Cultural Ecosystem Servi	T.2046	17	0.26	10.9	2.28	99.92
Wildfire; Pinus Halepens	T.7619	14	4.49	-83	1.59	88.88
Isoprene; Volatile Organi	T.3586	14	2.15	104.5	0.99	96.94

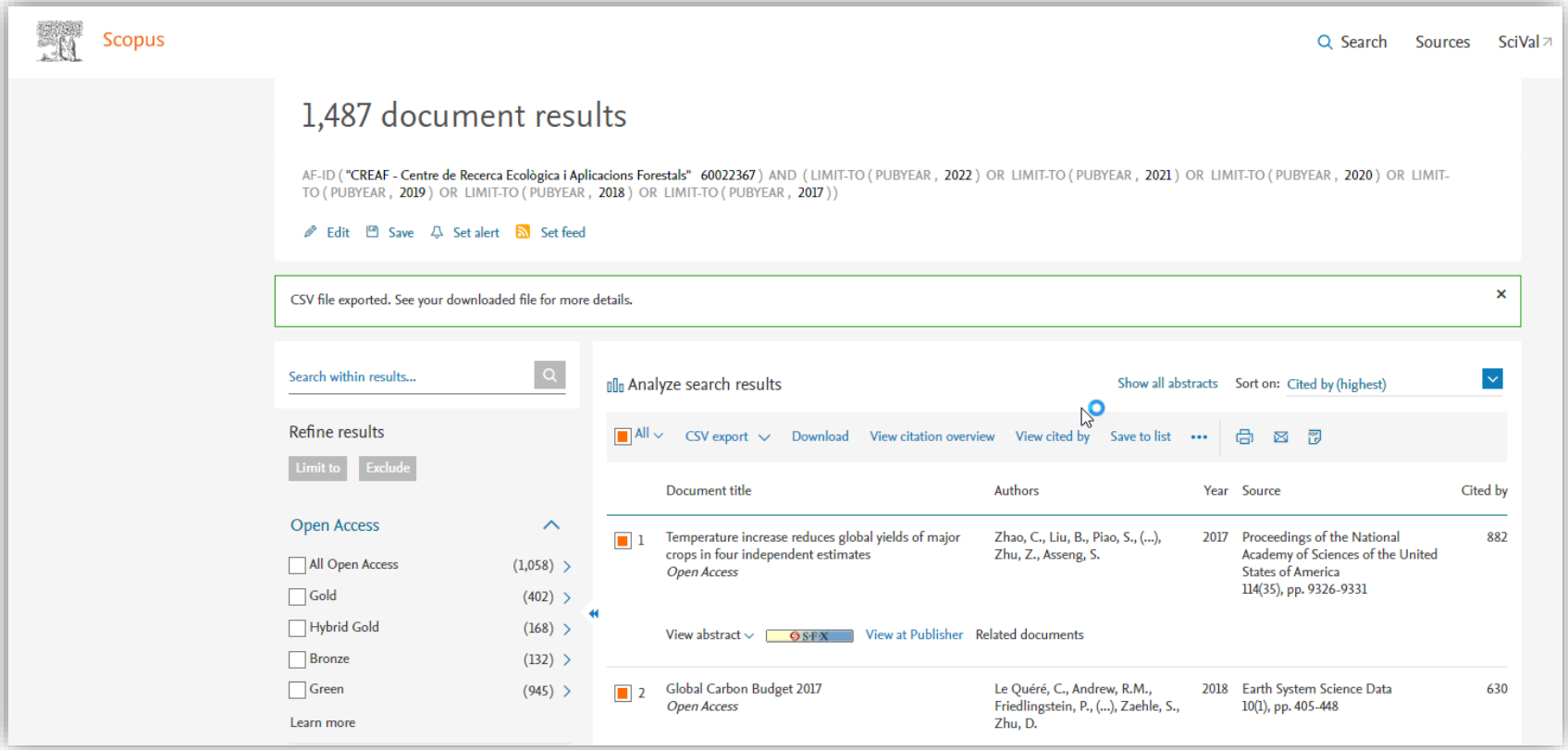


Visualización de un mapa de co-autoría con VOSviewer

Análisis de redes con VOSviewer

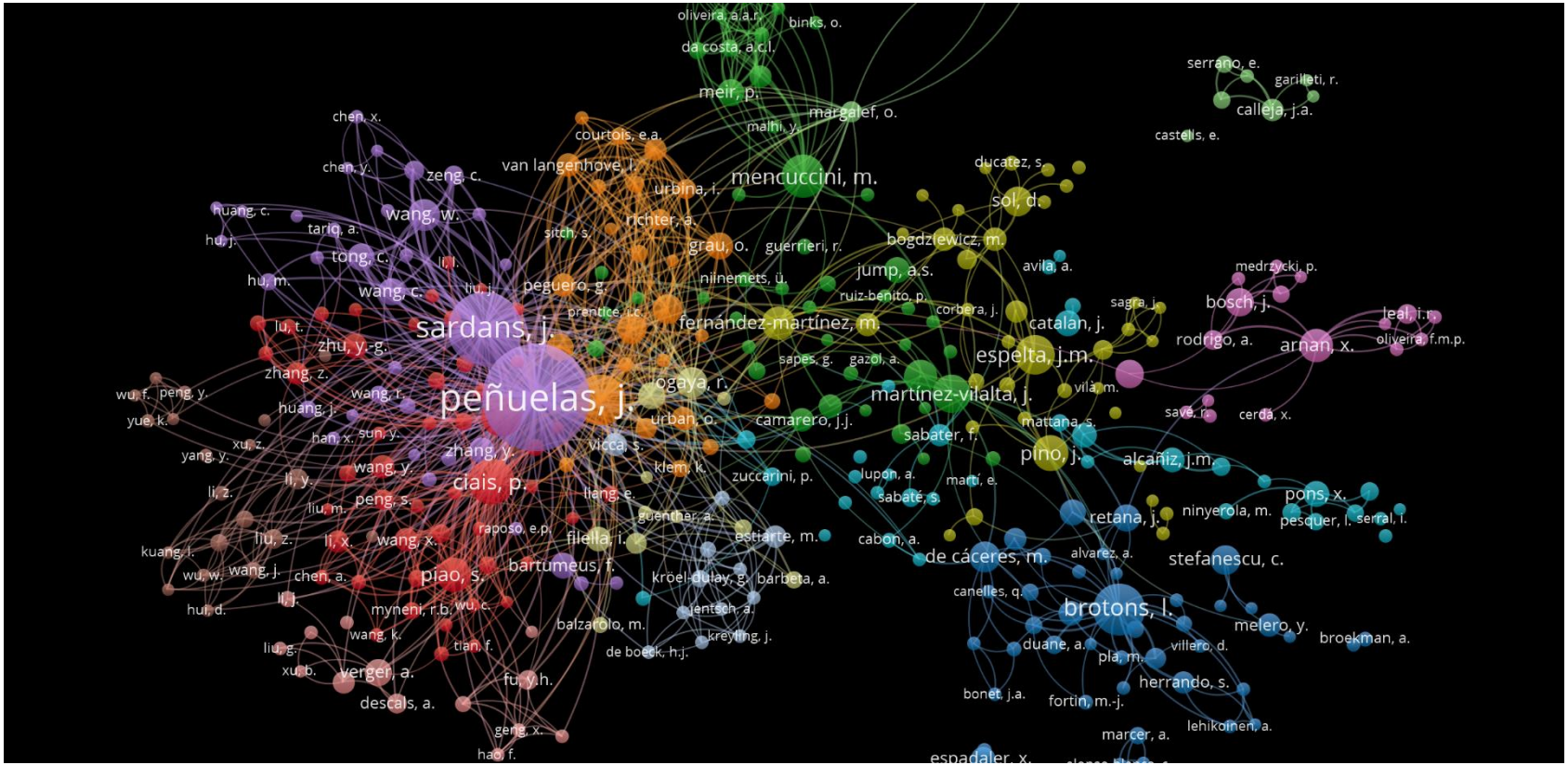
- VOSviewer es una herramienta desarrollada por Nees Jan van Eck y Ludo Waltman del CWTS de Leiden. Puede utilizarse para crear y visualizar redes de citas. Las últimas versiones para Windows, Mac y otros sistemas pueden descargarse de https://www.vosviewer.com/download.
- Para crear un mapa de coautoría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

Publicaciones CREAF 2017 - Presente



extracción 9 Sept. 2022

Mapa de co-autoría CREAF para las publicaciones 2017- Presente



extracción 9 Sept. 2022

¿Cuáles empresas citaron las publicaciones del CREAF?

Publications in CREAF- Aug. 2022

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

Export

Export spreadsheet

Print

757 publications | Save as Publication Set

Authors

- Sardans, J. 150
- Penuelas, J. 136
- Penuelas, J. 131
- Mencuccini, M. 59
- Janssens, I.A. 56

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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

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Publication years

Apply filter Options

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.D., 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	Kattge, J., Bönisch, G., Díaz, S. and 725 more	2020	Global Change Biology	475
Contribution of citizen science towards international biodiversity monitoring *Open Access* View abstract View in Scopus	Chandler, M., See, 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	Cailleret, M., Jansen, S., Robert, E.M.R. and 63 more	2017	Global Change Biology	288
Global trait–environment relationships of plant communities *Open Access* View abstract View in Scopus	Bruelheide, H., Dengler, J., Purschke, O. and 102 more	2018	Nature Ecology and Evolution	237
Water potential regulation, stomatal behaviour and hydraulic transport under drought: deconstructing the iso/anisohydric concept *Open Access*	Martínez-Vilalta, J., Garcia-Forner, N.	2017	Plant Cell and Environment	226

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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

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- [ ] Full date
- [x] Scopus Source title
- [x] DOI
- [ ] Publication type
- [ ] Open Access
- [ ] Institutions
- [ ] Number of Institutions

Publication details

- [x] Reference
- [x] Abstract
- [x] EID (Scopus ID)
- [ ] PubMed ID
- [ ] Sustainable Development Goals (2022)
- [ ] All Science Journal Classification (ASJC)
  - [ ] Code
  - [ ] Field name
- [ ] Quacquarelli Symonds (QS)
  - [ ] Code
  - [ ] Field name
- [ ] Time Higher Education (THE)
  - [ ] Code
  - [ ] Field name

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- [ ] Scopus Affiliation names
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- [ ] Scopus Author ID First Author
- [ ] Scopus Author ID Last Author
- [ ] Scopus Author ID Corresponding Author
- [ ] Scopus Author ID Single Author
- [ ] Country/Region

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- [ ] Pages
- [ ] Article number
- [ ] ISSN
- [ ] Source ID
- [ ] Source type
- [ ] CiteScore*
- [ ] CiteScore percentile*
- [ ] SNIP*
- [ ] SNIP percentile*
- [ ] SJR*
- [ ] SJR percentile*

Topic related

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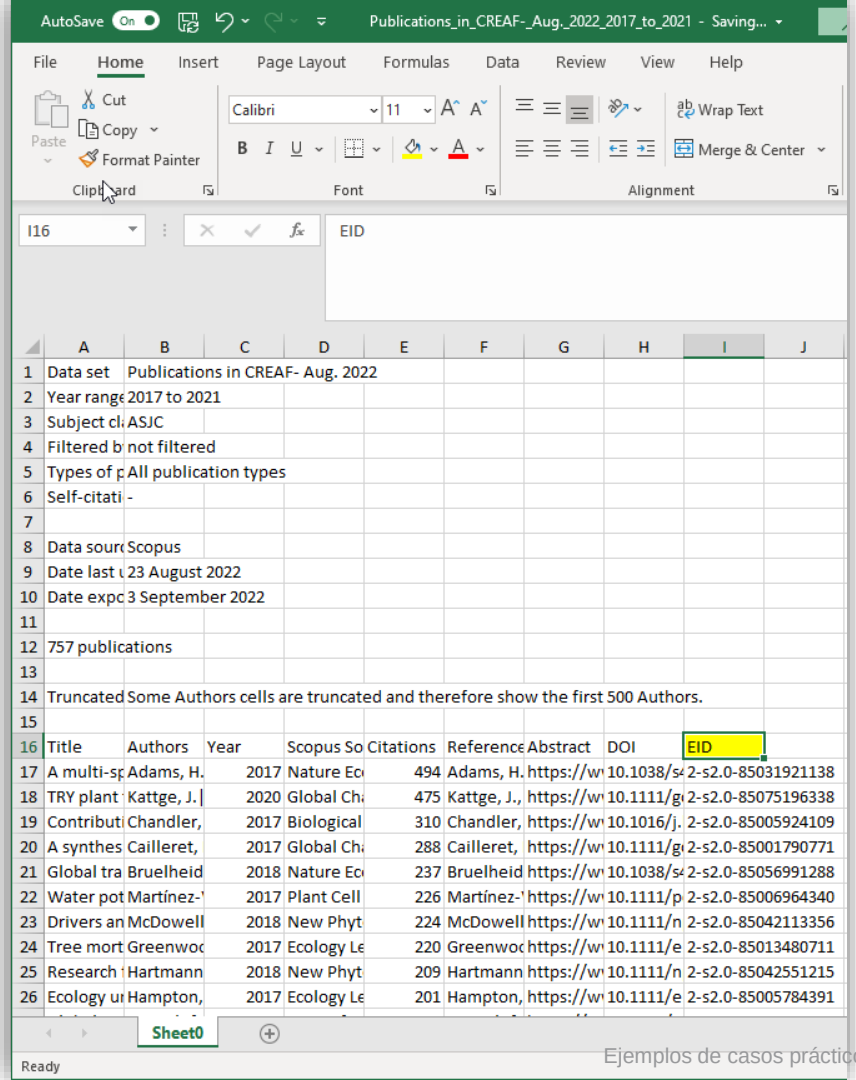
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Year range 2017 to 2021
Subject cl ASJC
Filtered b not filtered
Types of p All publication types
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Data sour Scopus
Date last u 23 August 2022
Date expo 3 September 2022
757 publications
Truncated Some Authors cells are truncated and therefore show the first 500 Authors.
Title Authors Year Scopus So Citations Reference Abstract DOI EID
A multi-sp Adams, H. 2017 Nature Ec 494 Adams, H. https://w 10.1038/s 2-s2.0-85031921138
TRY plant Kattge, J. 2020 Global Ch 475 Kattge, J., https://w 10.1111/g 2-s2.0-85075196338
Contributi Chandler, 2017 Biological 310 Chandler, https://w 10.1016/j. 2-s2.0-85005924109
A synthes Cailleret, 2017 Global Ch 288 Cailleret, https://w 10.1111/g 2-s2.0-85001790771
Global tra Bruelheid 2018 Nature Ec 237 Bruelheid https://w 10.1038/s 2-s2.0-85056991288
Water pot Martínez- 2017 Plant Cell 226 Martínez- https://w 10.1111/p 2-s2.0-85006964340
Drivers an McDowell 2018 New Phyt 224 McDowell https://w 10.1111/n 2-s2.0-85042113356
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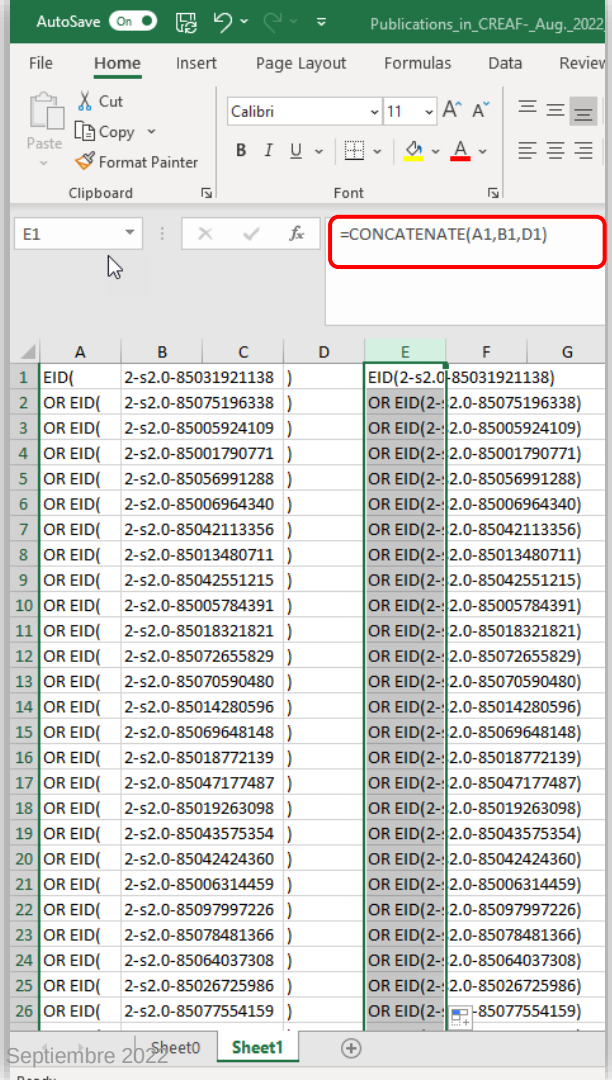
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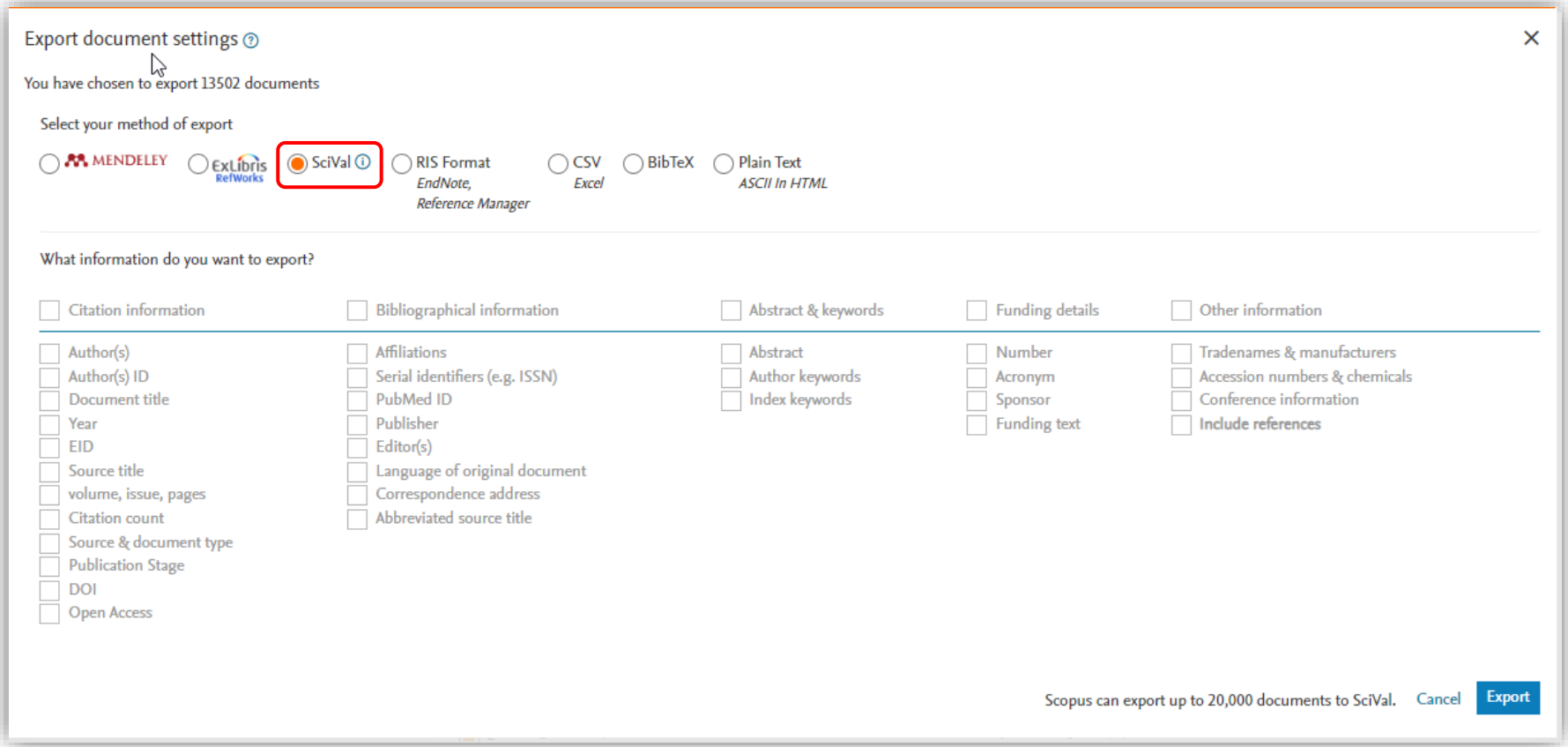
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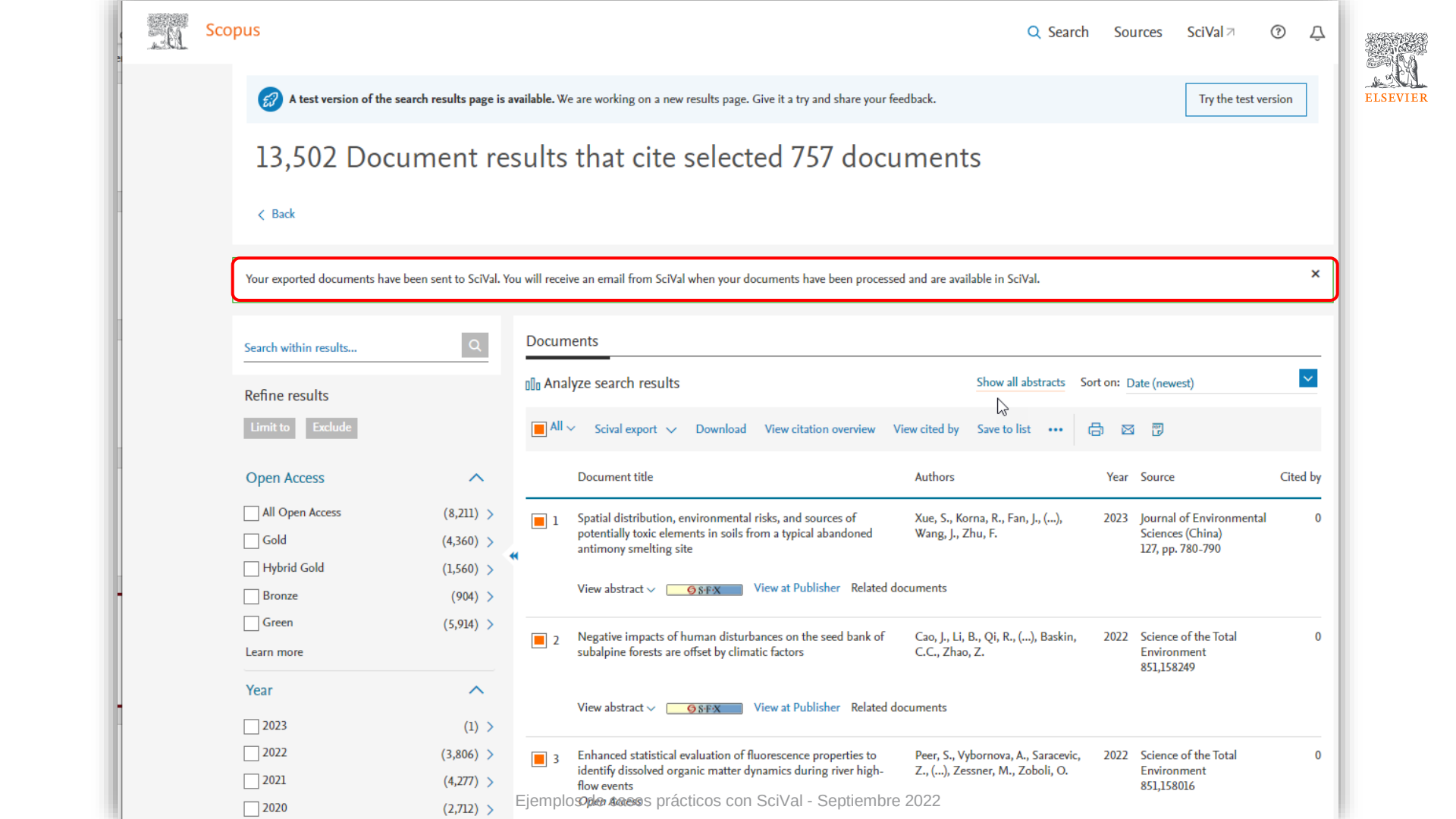
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Visualización de los resultados en el módulo Trends

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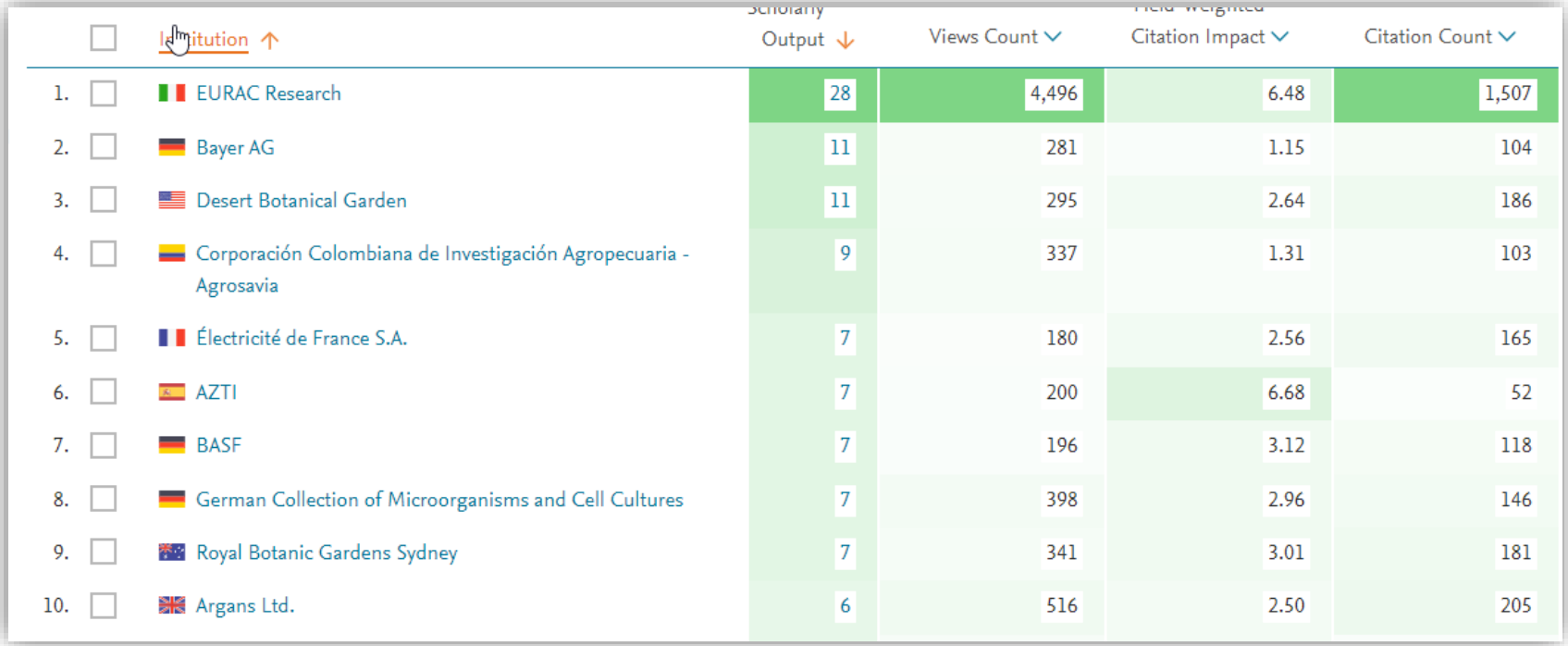
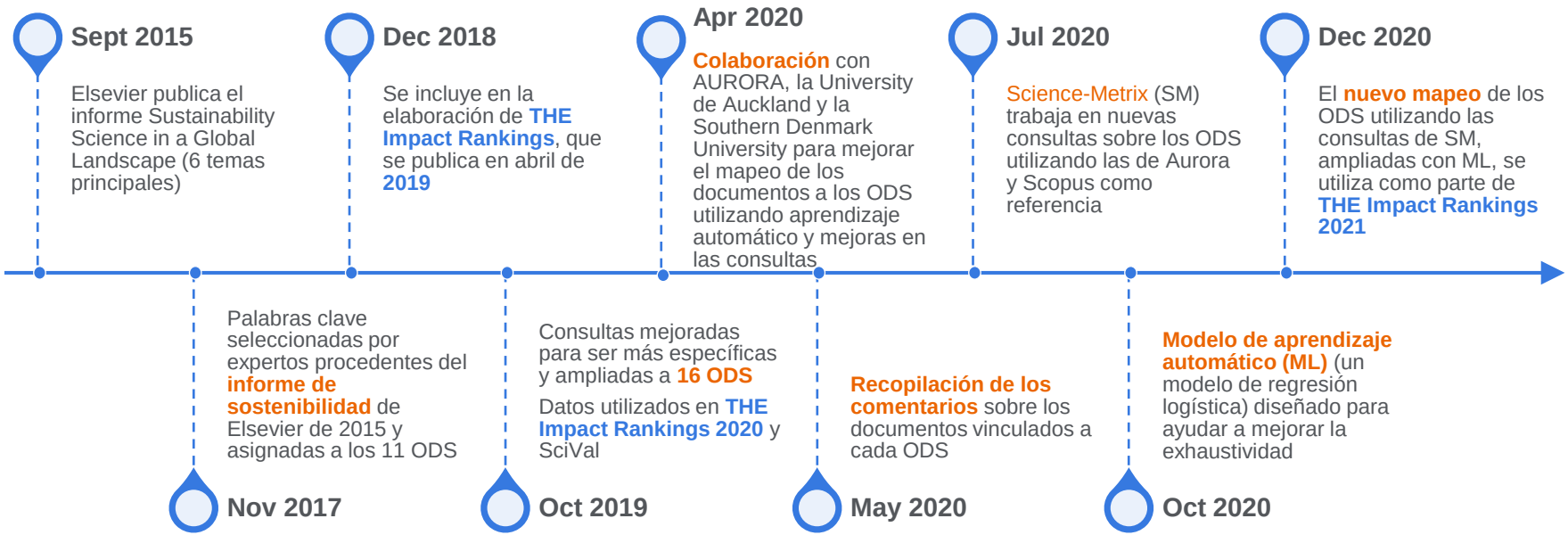
¿Cuáles empresas citaron el CREAF en el periodo 2017-2021?



	Institution	Scholarly Output	Views Count	Field-Weighted Citation Impact	Citation Count
1.	EURAC Research	28	4,496	6.48	1,507
2.	Bayer AG	11	281	1.15	104
3.	Desert Botanical Garden	11	295	2.64	186
4.	Corporación Colombiana de Investigación Agropecuaria - Agrosavia	9	337	1.31	103
5.	Électricité de France S.A.	7	180	2.56	165
6.	AZTI	7	200	6.68	52
7.	BASF	7	196	3.12	118
8.	German Collection of Microorganisms and Cell Cultures	7	398	2.96	146
9.	Royal Botanic Gardens Sydney	7	341	3.01	181
10.	Argans Ltd.	6	516	2.50	205

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

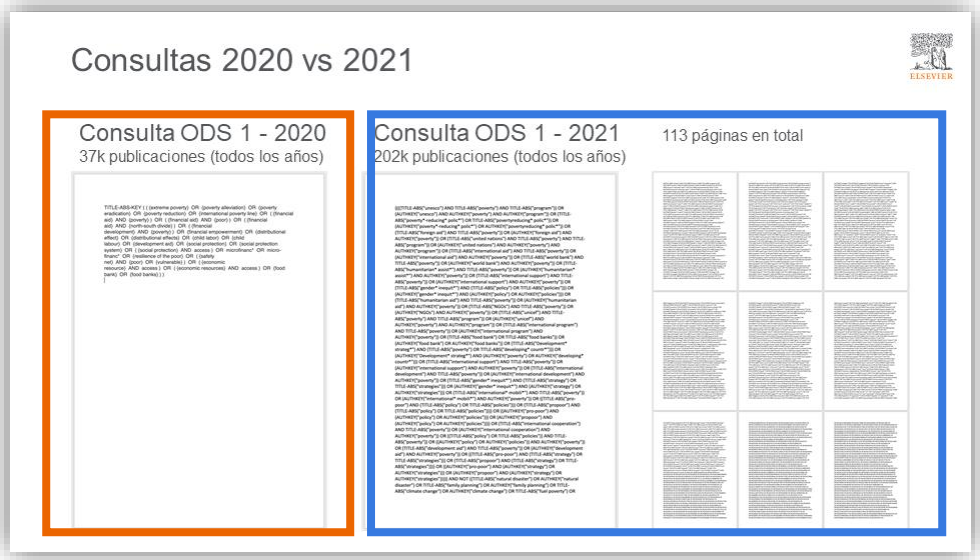
Desarrollo de las consultas sobre los ODS



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

Dataset metrics

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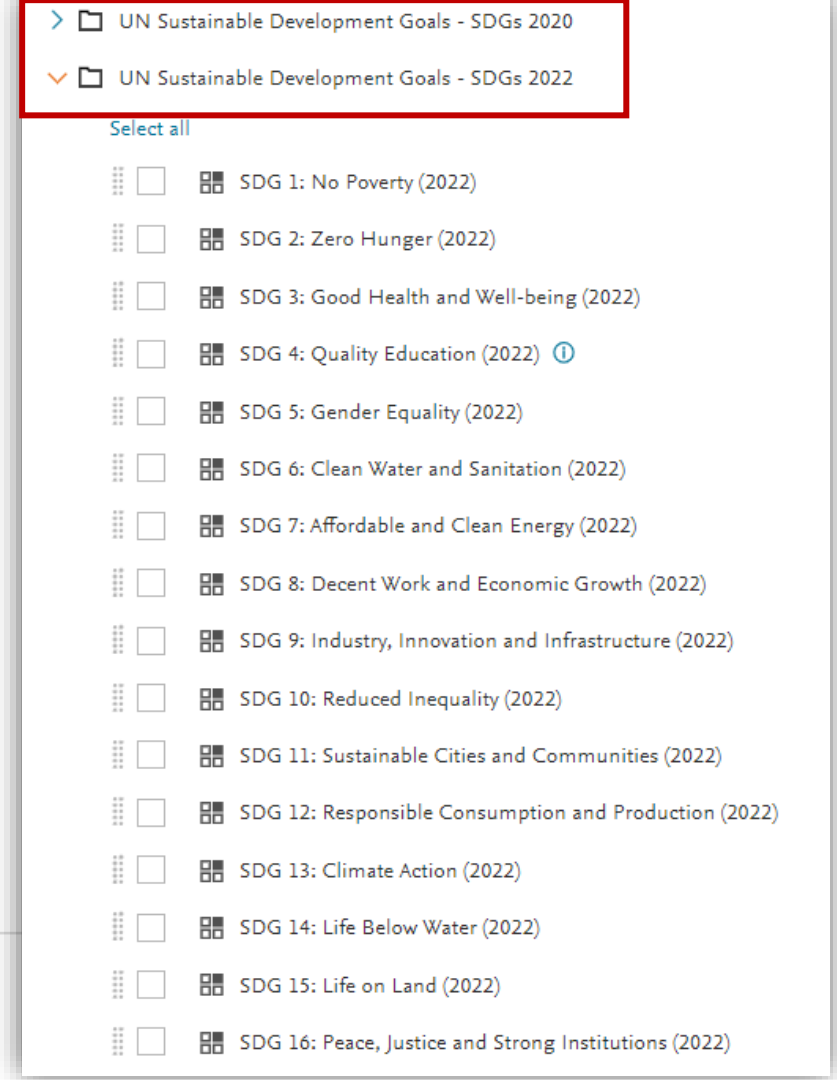
Los ODS en SciVal

- 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



Publications in CREAF- Aug. 2022

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

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- Institut d'Estudis Catalans 757
- CSIC 462

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Publication years

Apply filter Options

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.D., 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	Kattge, J., Bönisch, G., Díaz, S. and 725 more	2020	Global Change Biology	475
Contribution of citizen science towards international biodiversity monitoring *Open Access* View abstract View in Scopus	Chandler, M., See, 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	Cailleret, M., Jansen, S., Robert, E.M.R. and 63 more	2017	Global Change Biology	288
Global trait–environment relationships of plant communities *Open Access* View abstract View in Scopus	Bruelheide, H., Dengler, J., Purschke, O. and 102 more	2018	Nature Ecology and Evolution	237
Water potential regulation, stomatal behaviour and hydraulic transport under drought: deconstructing the iso/anisohydric concept *Open Access*	Martínez-Vilalta, J., Garcia-Forner, N.	2017	Plant Cell and Environment	226

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

- [x] Title
- [x] Authors
- [x] Year
- [ ] Full date
- [x] Scopus Source title
- [x] DOI
- [ ] Publication type
- [ ] Open Access
- [ ] Institutions
- [ ] Number of Institutions

Publication details

- [x] Reference
- [x] Abstract
- [x] EID (Scopus ID)
- [ ] PubMed ID
- [x] Sustainable Development Goals (2022)
- [ ] All Science Journal Classification (ASJC)
  - [ ] Code
  - [ ] Field name
- [ ] Quacquarelli Symonds (QS)
  - [ ] Code
  - [ ] Field name
- [ ] Time Higher Education (THE)
  - [ ] Code
  - [ ] Field name

Author/Affiliations

- [ ] Scopus Affiliation IDs
- [ ] Scopus Affiliation names
- [ ] Number of Authors
- [ ] Scopus Author IDs
- [ ] Scopus Author ID First Author
- [ ] Scopus Author ID Last Author
- [ ] Scopus Author ID Corresponding Author
- [ ] Scopus Author ID Single Author
- [ ] Country/Region

Publication metrics

- [ ] Views
- [ ] Field-Weighted Views Impact
- [x] Citations
- [ ] Field-Weighted Citation Impact
- [ ] Field-Citation Average
- [ ] Outputs in Top Citation Percentiles, per percentile
- [ ] Field-Weighted Outputs in Top Citation Percentiles, per percentile
- [ ] Patent citations
- [ ] Policy citations

Scopus Source related

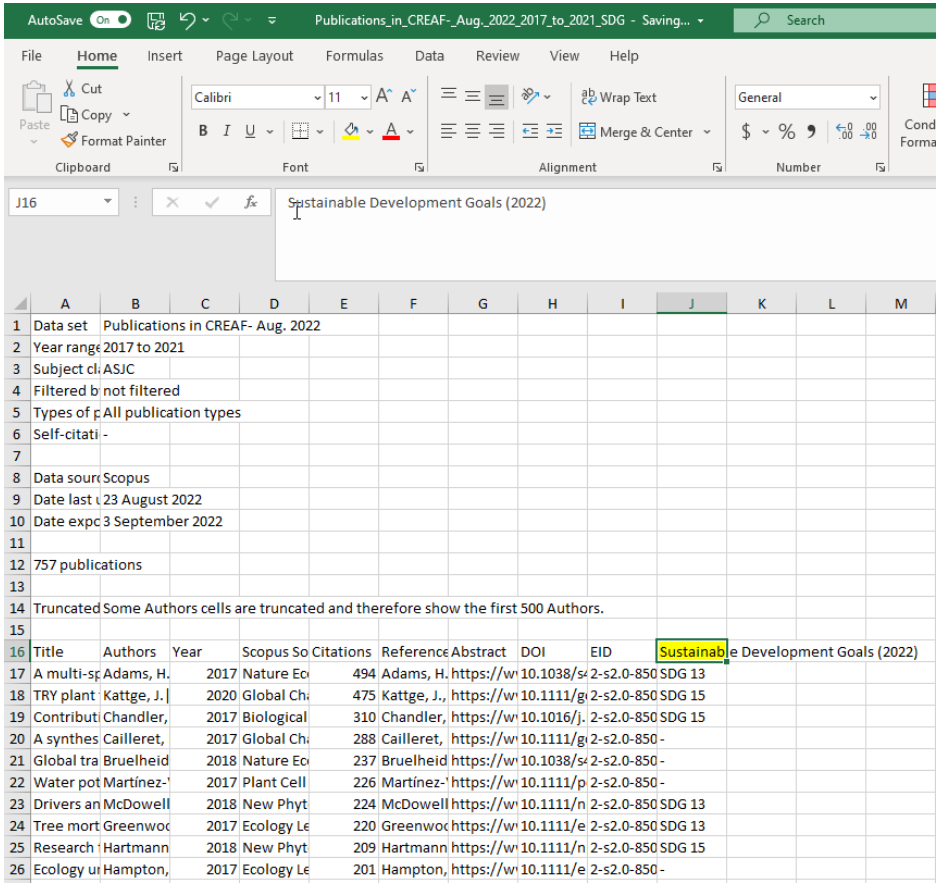
- [ ] Volume
- [ ] Issue
- [ ] Pages
- [ ] Article number
- [ ] ISSN
- [ ] Source ID
- [ ] Source type
- [ ] CiteScore*
- [ ] CiteScore percentile*
- [ ] SNIP*
- [ ] SNIP percentile*
- [ ] SJR*
- [ ] SJR percentile*

Topic related

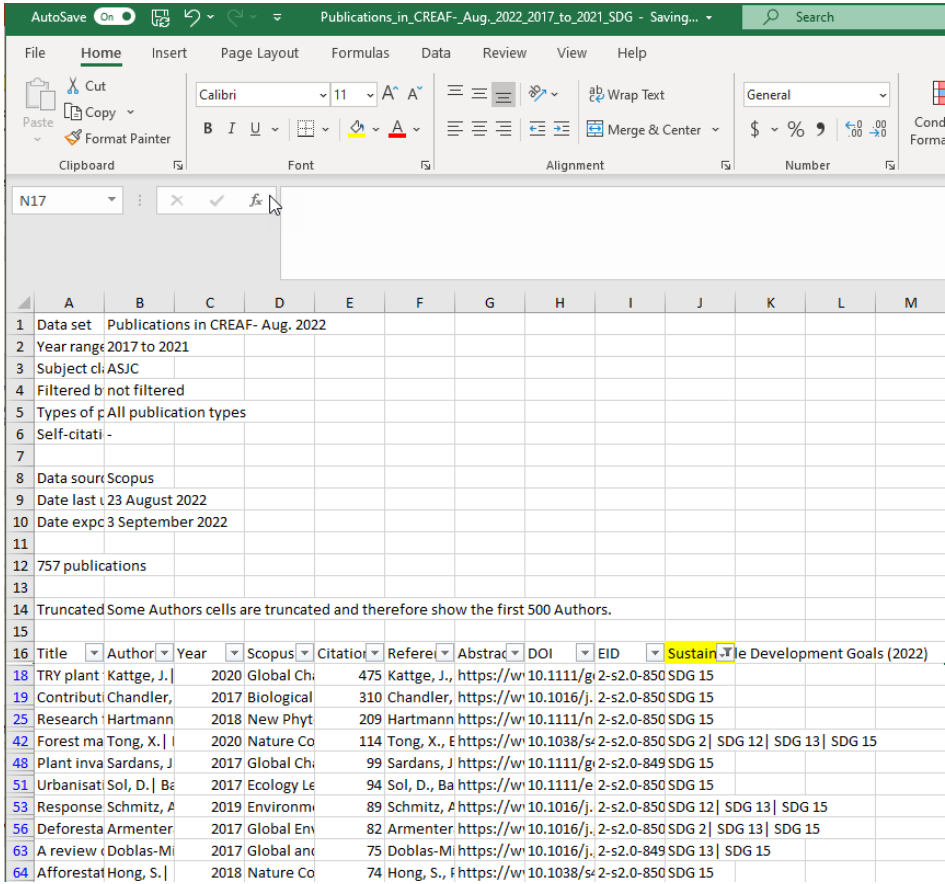
- [ ] Topic Cluster name
- [ ] Topic Cluster number
- [ ] Topic name
- [ ] Topic number
- [ ] Topic Cluster Prominence Percentile
- [ ] Topic Prominence Percentile

Cancel | Export CSV | Export XLSX

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



	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Data set	Publications in CREAF- Aug. 2022											
2	Year range	2017 to 2021											
3	Subject cl	ASJC											
4	Filtered b	not filtered											
5	Types of p	All publication types											
6	Self-citati	-											
7													
8	Data sour	Scopus											
9	Date last u	23 August 2022											
10	Date expo	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	Authors	Year	Scopus So	Citations	Reference	Abstract	DOI	EID	Sustainable Development Goals (2022)			
17	A multi-sp	Adams, H.	2017	Nature Ec	494	Adams, H.	https://w	10.1038/s	2-s2.0-850	SDG 13			
18	TRY plant	Kattge, J.|	2020	Global Ch	475	Kattge, J.,	https://w	10.1111/g	2-s2.0-850	SDG 15			
19	Contributi	Chandler,	2017	Biological	310	Chandler,	https://w	10.1016/j.	2-s2.0-850	SDG 15			
20	A synthes	Cailleret,	2017	Global Ch	288	Cailleret,	https://w	10.1111/g	2-s2.0-850	-			
21	Global tra	Bruelheid	2018	Nature Ec	237	Bruelheid	https://w	10.1038/s	2-s2.0-850	-			
22	Water pot	Martínez-'	2017	Plant Cell	226	Martínez-'	https://w	10.1111/p	2-s2.0-850	-			
23	Drivers an	McDowell	2018	New Phyt	224	McDowell	https://w	10.1111/n	2-s2.0-850	SDG 13			
24	Tree mort	Greenwoo	2017	Ecology Le	220	Greenwoo	https://w	10.1111/e	2-s2.0-850	SDG 13			
25	Research	Hartmann	2018	New Phyt	209	Hartmann	https://w	10.1111/n	2-s2.0-850	SDG 15			
26	Ecology ur	Hampton,	2017	Ecology Le	201	Hampton,	https://w	10.1111/e	2-s2.0-850	-			



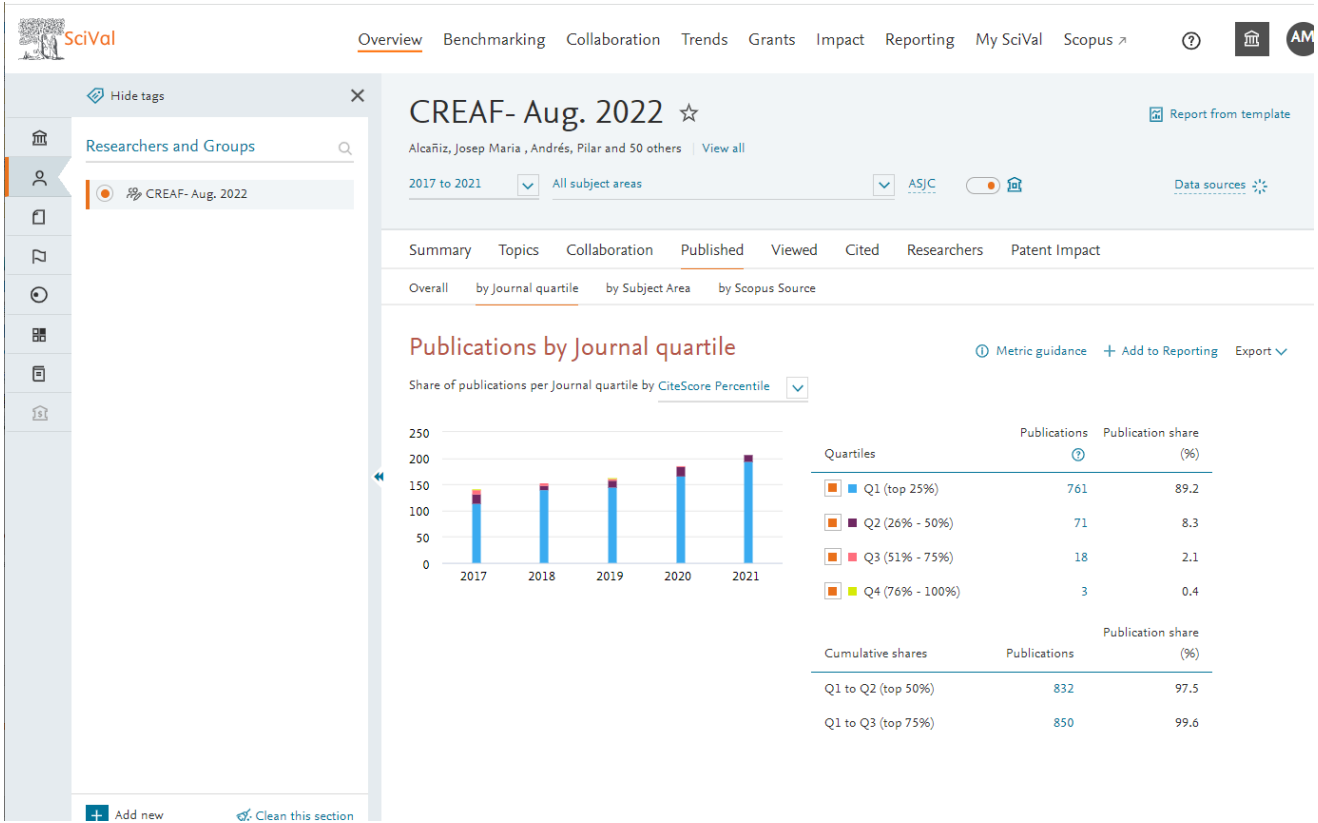
	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Data set	Publications in CREAF- Aug. 2022											
2	Year range	2017 to 2021											
3	Subject cl	ASJC											
4	Filtered b	not filtered											
5	Types of p	All publication types											
6	Self-citati	-											
7													
8	Data sour	Scopus											
9	Date last u	23 August 2022											
10	Date expo	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	Year	Scopus	Citatio	Refere	Abstrac	DOI	EID	Sustain	e Development Goals (2022)		
18	TRY plant	Kattge, J.|	2020	Global Ch	475	Kattge, J.,	https://w	10.1111/g	2-s2.0-850	SDG 15			
19	Contributi	Chandler,	2017	Biological	310	Chandler,	https://w	10.1016/j.	2-s2.0-850	SDG 15			
25	Research	Hartmann	2018	New Phyt	209	Hartmann	https://w	10.1111/n	2-s2.0-850	SDG 15			
42	Forest ma	Tong, X.|	2020	Nature Co	114	Tong, X.,	https://w	10.1038/s	2-s2.0-850	SDG 2| SDG 12| SDG 13| SDG 15			
48	Plant inva	Sardans, J	2017	Global Ch	99	Sardans, J	https://w	10.1111/g	2-s2.0-849	SDG 15			
51	Urbanisati	Sol, D.| Ba	2017	Ecology Le	94	Sol, D., Ba	https://w	10.1111/e	2-s2.0-850	SDG 15			
53	Response	Schmitz, A	2019	Environm	89	Schmitz, A	https://w	10.1016/j.	2-s2.0-850	SDG 12| SDG 13| SDG 15			
56	Deforesta	Armenter	2017	Global Env	82	Armenter	https://w	10.1016/j.	2-s2.0-850	SDG 2| SDG 13| SDG 15			
63	A review o	Doblas-Mi	2017	Global and	75	Doblas-Mi	https://w	10.1016/j.	2-s2.0-849	SDG 13| SDG 15			
64	Afforestat	Hong, S.|	2018	Nature Co	74	Hong, S.,	https://w	10.1038/s	2-s2.0-850	SDG 15			

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

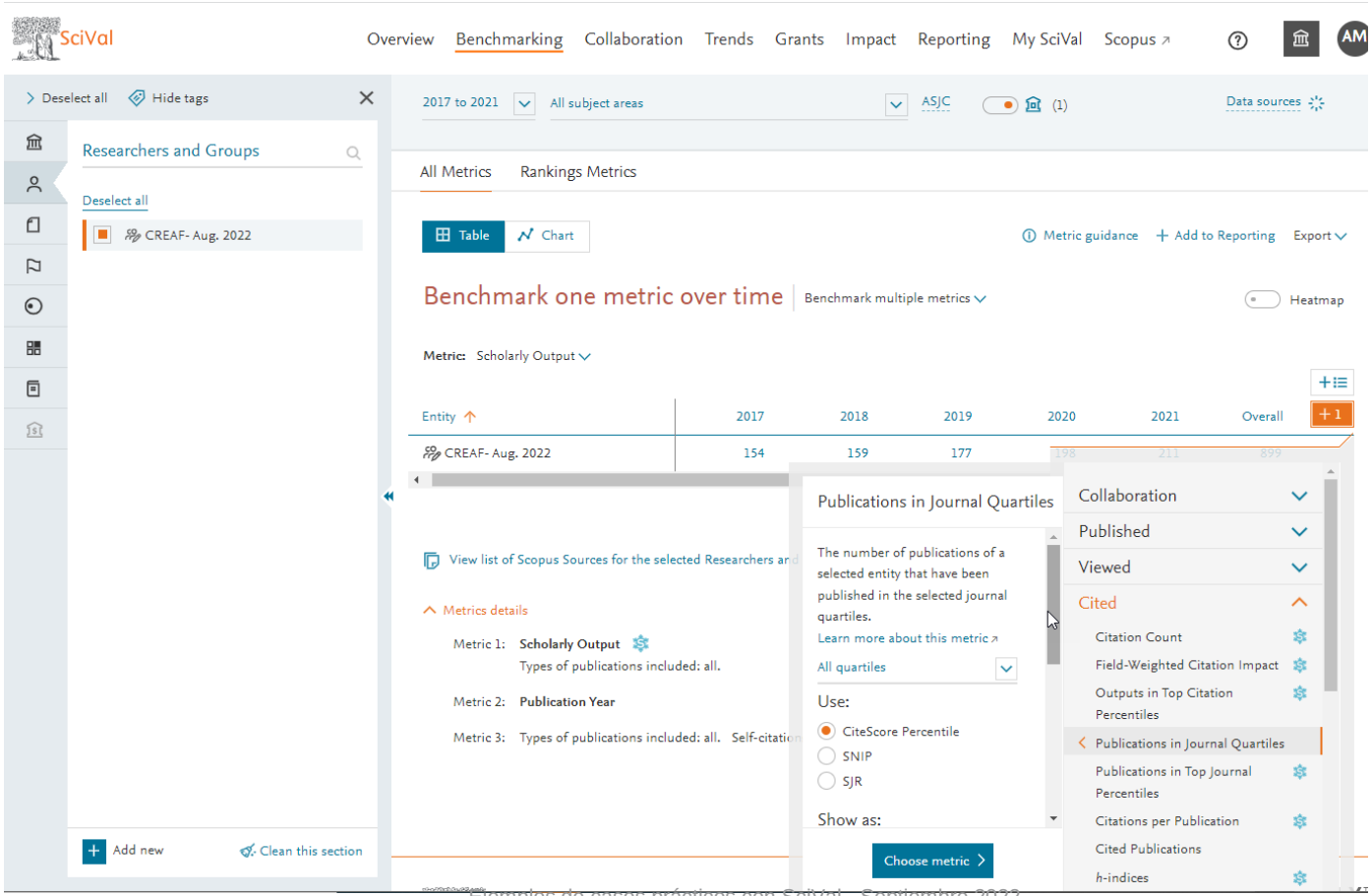
¿Cómo se calculan?

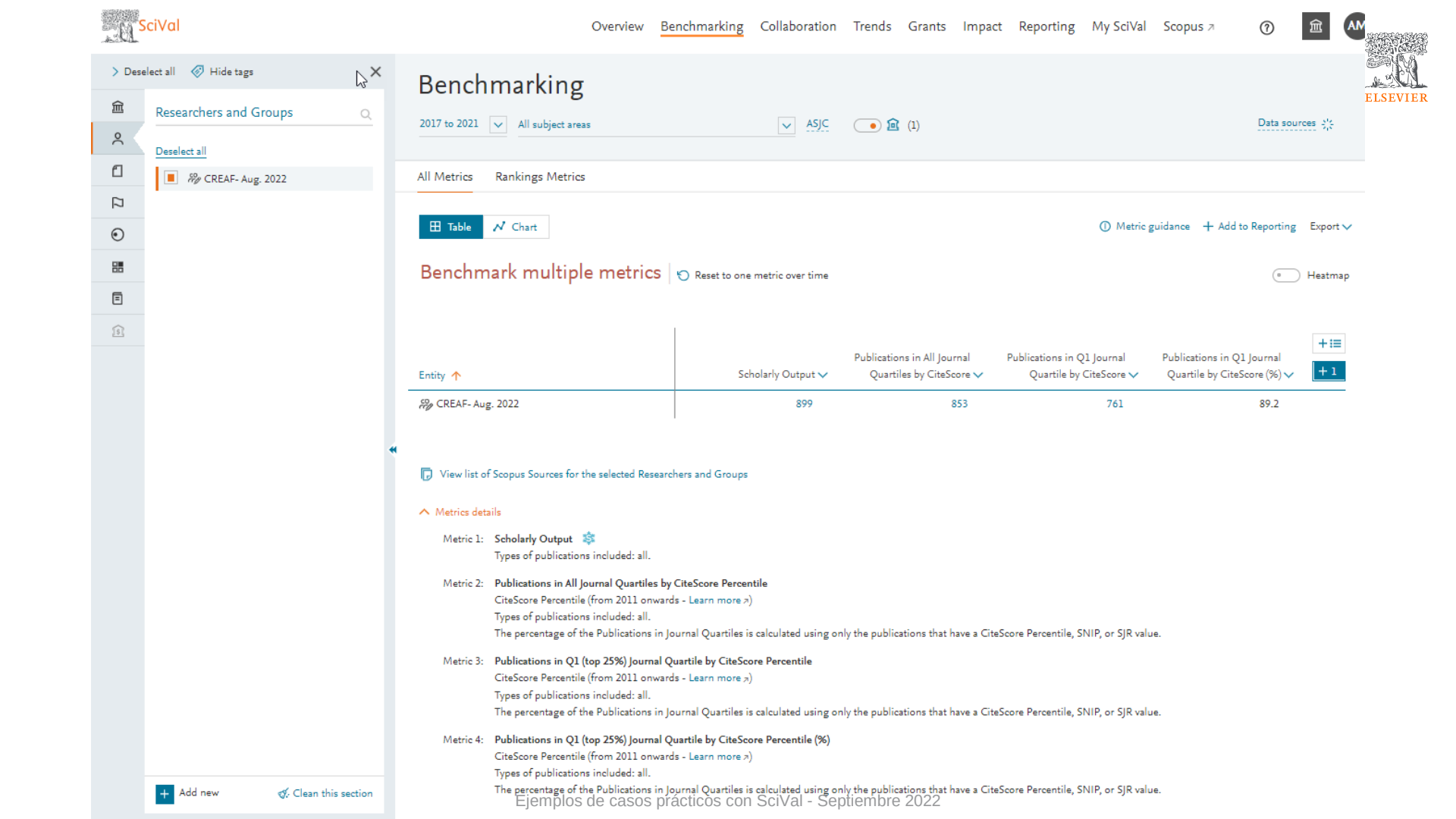
- Consideramos todas las publicaciones en el intervalo de años seleccionado e identificamos las revistas en las que se publican. A partir de las revistas podemos determinar a qué cuartiles pertenecen las publicaciones.
- Nota: sólo calculamos esta métrica para las publicaciones que tienen métrica de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

En el módulo OVERVIEW



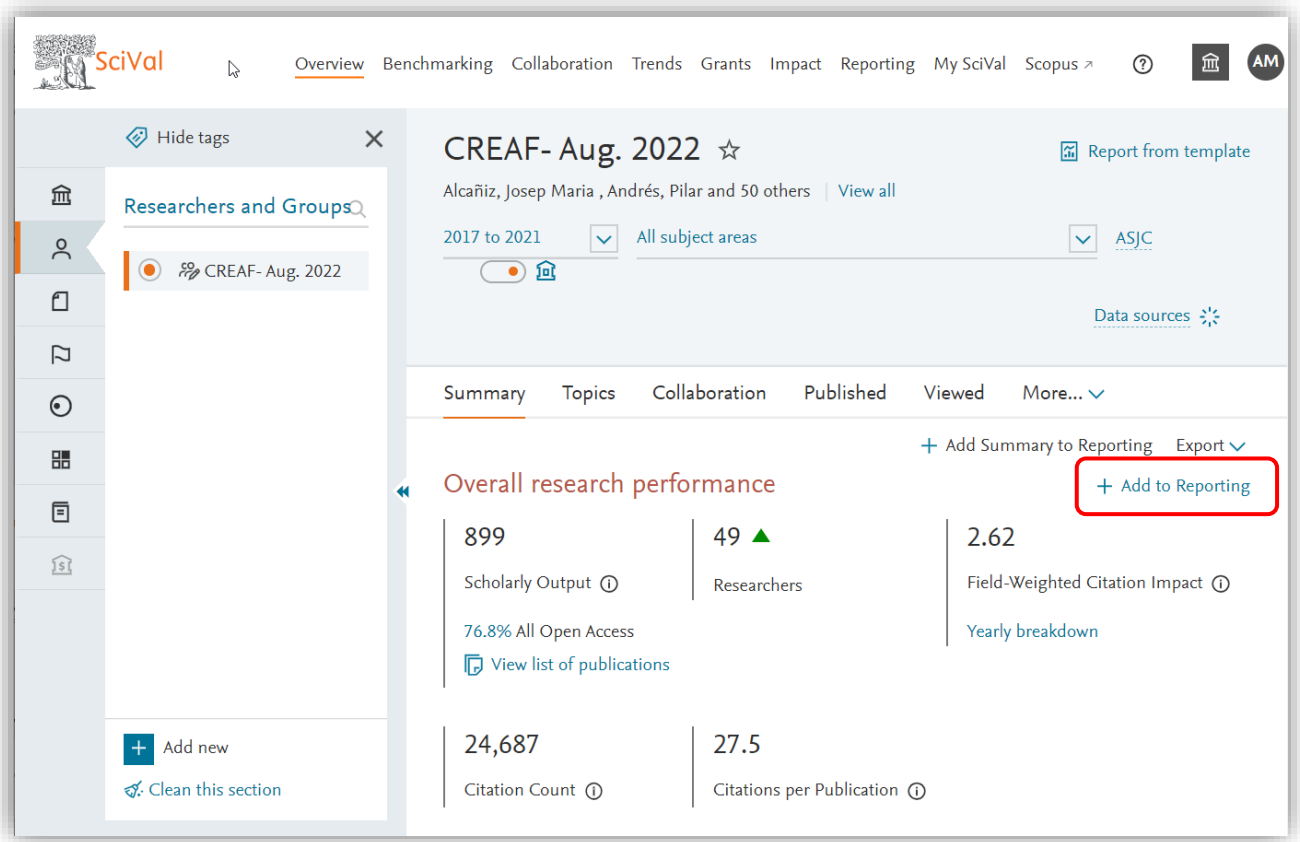
En el módulo BENCHMARKING




SciVal
Overview
Benchmarking
Collaboration
Trends
Grants
Impact
Reporting
My SciVal
Scopus
AM
ELSEVIER
Deselect all
Hide tags
Researchers and Groups
Deselect all
CREAF- Aug. 2022
Add new
Clean this section
Benchmarking
2017 to 2021
All subject areas
ASJC
(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 (%)
+1
CREAF- Aug. 2022
899
853
761
89.2
View list of Scopus Sources for the selected Researchers and Groups
Metrics 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



CREAF output & citation report

2017 to 2021

Add description (optional)

Overall research performance

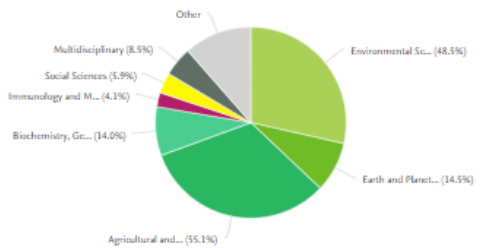
Entity: CREAF- Aug, 2022 · Year range: 2017 to 2021 · Data source: Scopus, up to 23 Aug 2022 · Filters: Only Scholarly Output published at Centre for Ecological Research and Forestry Applications included · Explore / edit analysis

899 ▼ Scholarly Output 76.8% Open Access	49 ▲ Researchers	2.62 Field-Weighted Citation Impact
24,687 Citation Count	27.5 Citations per Publication	

Add description (optional)

Publication share by Subject Area

Entity: CREAF- Aug, 2022 · Year range: 2017 to 2021 · Data source: Scopus, up to 23 Aug 2022 · Filters: Only Scholarly Output published at Centre for Ecological Research and Forestry Applications included · Explore / edit analysis



Add description (optional)

Outputs in Top 10% Citation Percentiles summary

Entity: CREAF- Aug, 2022 · Year range: 2017 to 2021 · Data source: Scopus, up to 23 Aug 2022 · Filters: Only Scholarly Output published at Centre for Ecological Research and Forestry Applications included · Explore / edit analysis

Publications in top 10% most cited worldwide (field-weighted)

CREAF- Aug, 2022
31.6%

Add description (optional)

International Collaboration summary

Entity: CREAF- Aug, 2022 · Year range: 2017 to 2021 · Data source: Scopus, up to 23 Aug 2022 · Filters: Only Scholarly Output published at Centre for Ecological Research and Forestry Applications included · Explore / edit analysis

Publications co-authored with researchers in other countries/regions

CREAF- Aug, 2022
83.2%

Add description (optional)

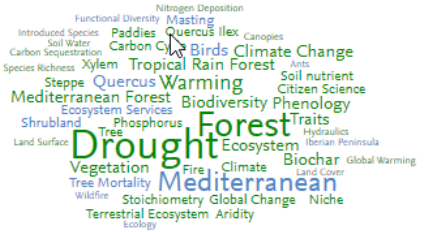
Topics

Entity: CREAF- Aug, 2022 · Year range: 2017 to 2021 · Data source: Scopus, up to 23 Aug 2022 · Filters: Only Scholarly Output published at Centre for Ecological Research and Forestry Applications included · Explore / edit analysis

Topic	By this Group of Researchers: Scholarly Output	By this Group of Researchers: Field-Weighted Citation Impact	Worldwide: Prominence percentile
Tree Mortality; Carbohydrate; Basal Area T.16694	67	4.27	99.223
Ecosystem; Plant Communities; Ecosystem Stability T.1364	48	4.47	99.805
Normalized Difference Vegetation Index; Phenology; Climate Change T.790	32	2.43	99.631
Nutrient Resorption (Physiology); Phosphorus; Carbon Nitrogen Ratio T.10020	32	2.66	97.712
Masting; Seed; Dipterocarpaceae T.19937	21	2.04	92.704
Hydraulics; Embolisms; Hydraulic Conductivity T.2600	20	4.23	98.421
Bombus; Bees; Neonicotinoids T.2041	19	4.28	99.781
Biochar; Soil; Black Carbon T.401	18	1.80	99.971
Maximum Entropy; Ecosystem; Environmental Space T.809	18	1.82	99.851
Methane Emission; Methane; Global Warming Potential T.4708	13	1.23	96.573

Keyphrase analysis

Entity: Publications in CREAF- Aug, 2022 | 2012 to 2021 · Year range: 2017 to 2021 · Data source: Scopus, up to 23 Aug 2022 · Filters: Only Scholarly Output published at Centre for Ecological Research and Forestry Applications included · Explore / edit analysis



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

Add description (optional)

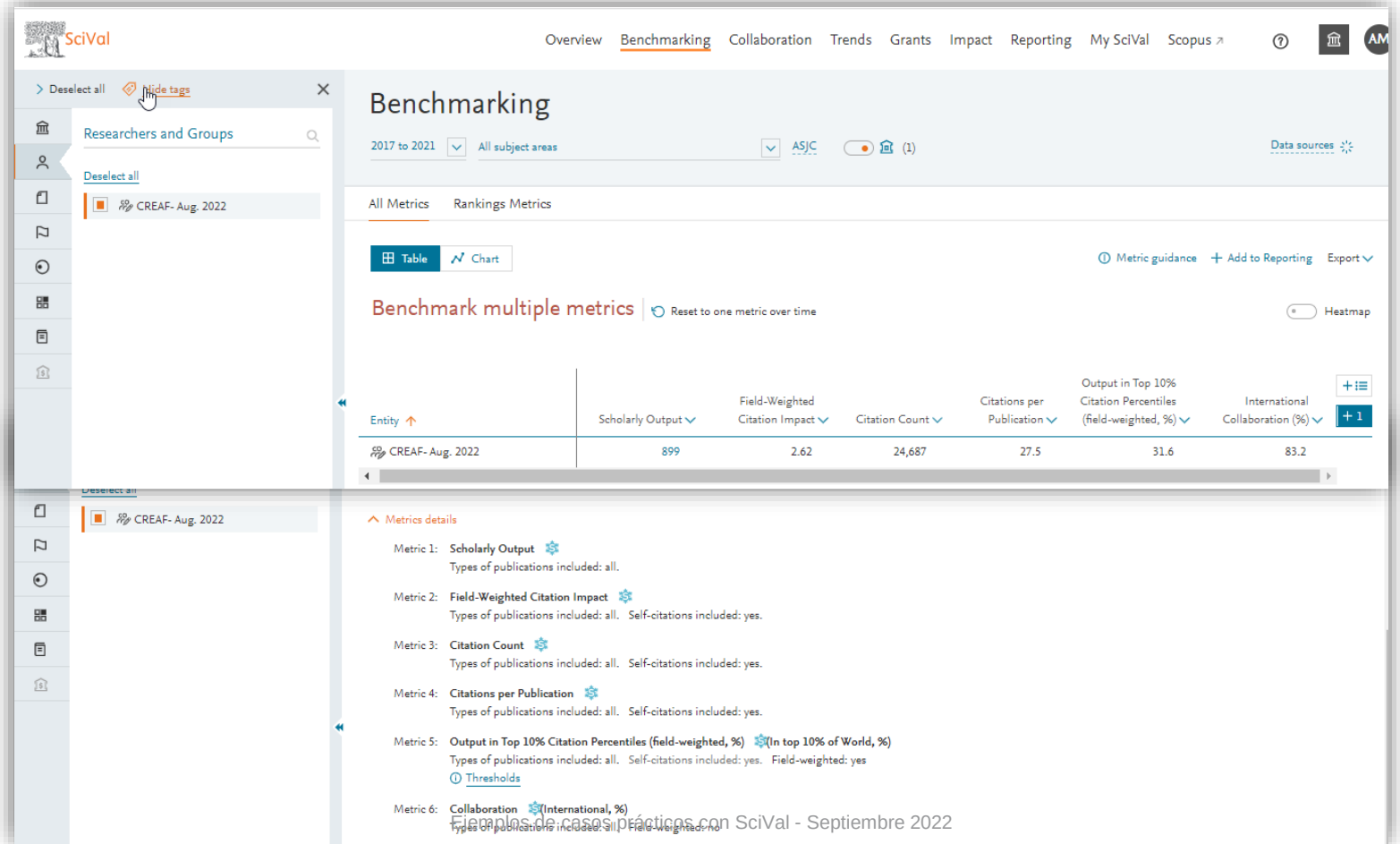
Top Institutions

Entity: Publications in CREAF- Aug, 2022 | 2012 to 2021 · Region: Europe · Year range: 2017 to 2021 · Data source: Scopus, up to 23 Aug 2022 · Filters: Only Scholarly Output published at Centre for Ecological Research and Forestry Applications included · Explore / edit analysis

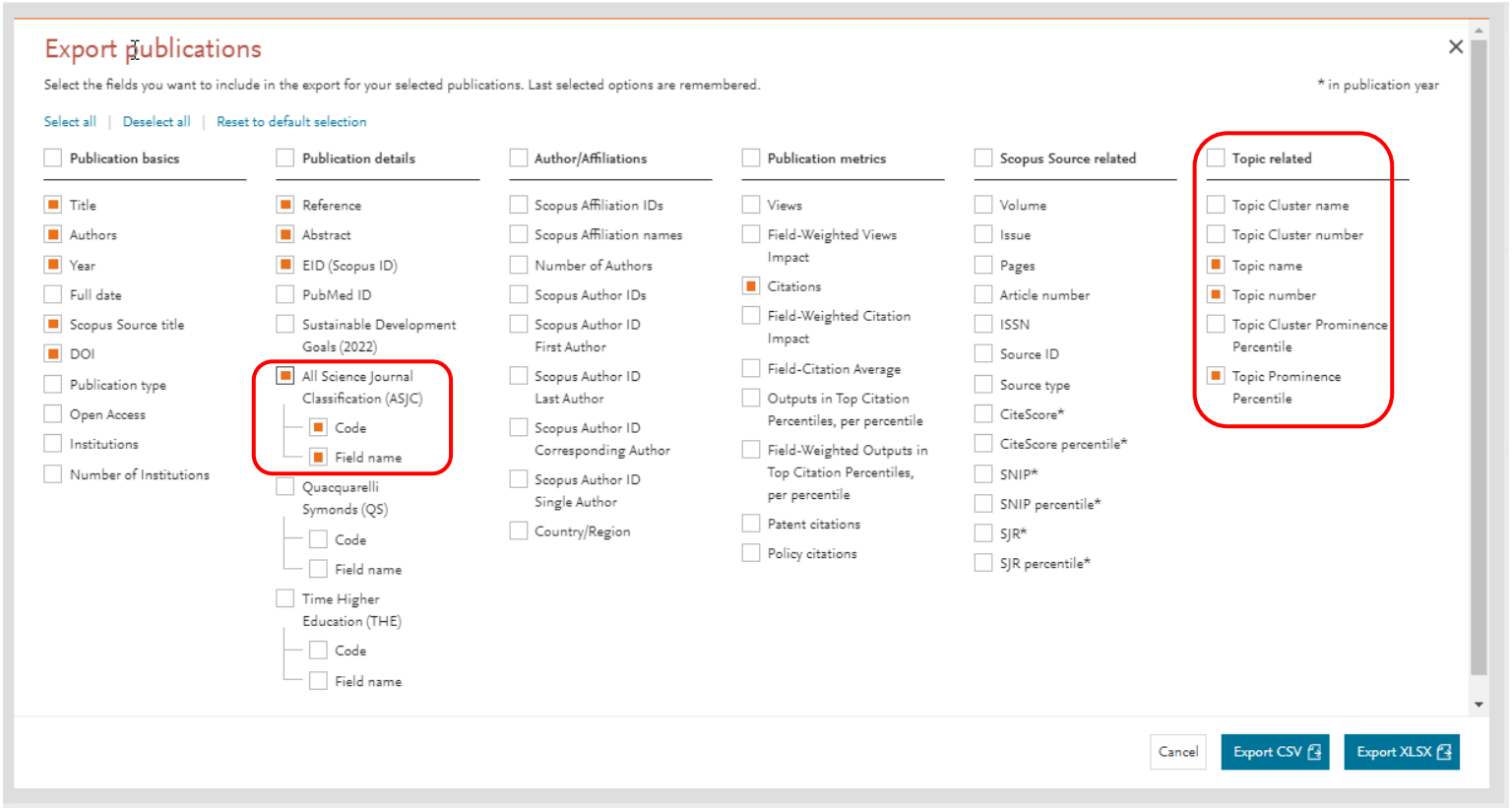
Scholarly Output

Add description (optional)

Con BENCHMARKING

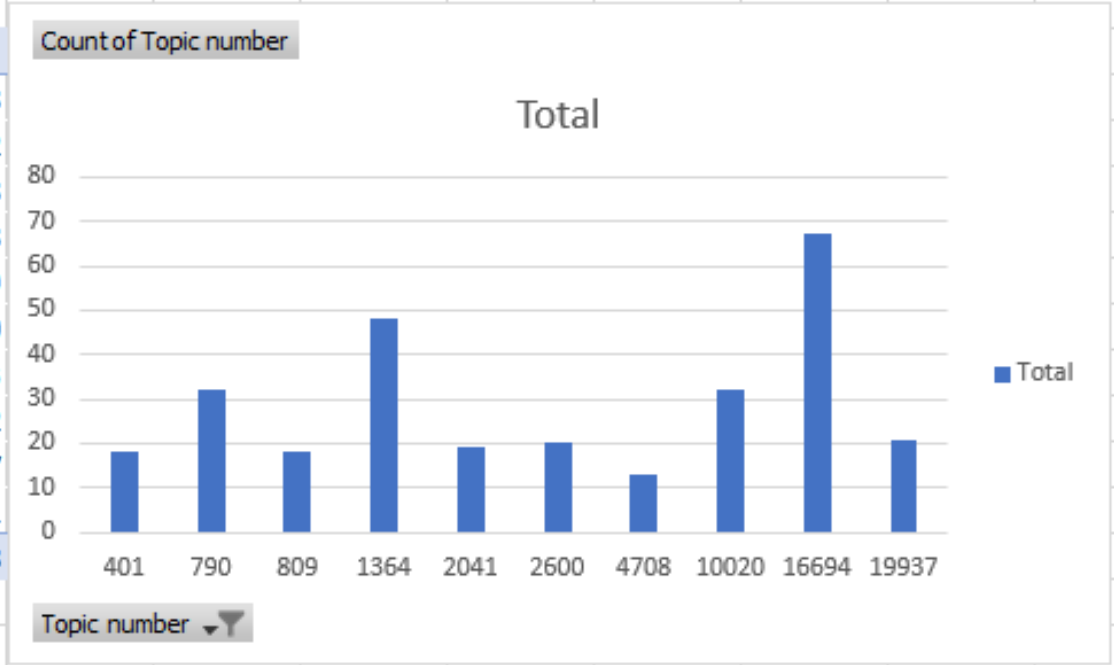


Topics y áreas temáticas ASJC con BENCHMARKING

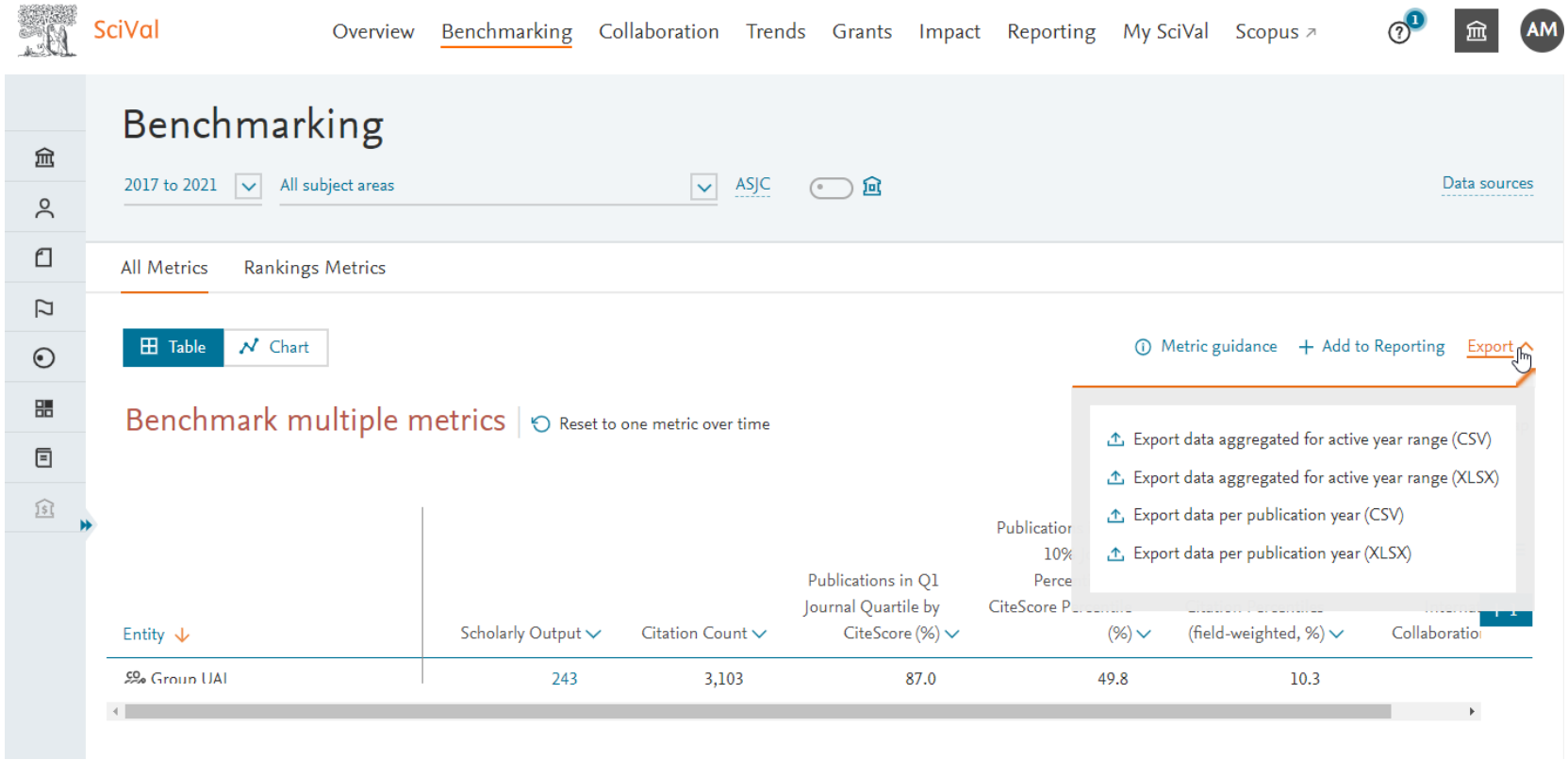


Los primeros 10 Topics

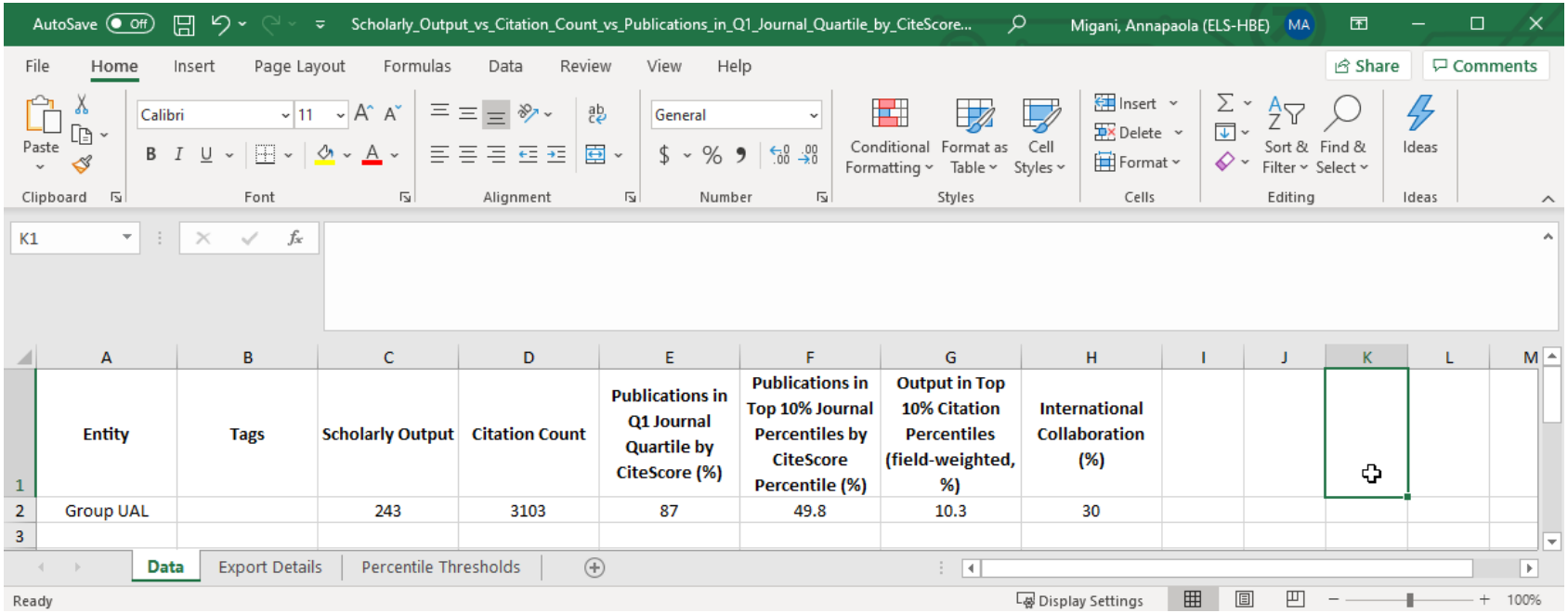
Row Labels	Count of Topic number
401	18
790	32
809	18
1364	48
2041	19
2600	20
4708	13
10020	32
16694	67
19937	21
Grand Total	**288**



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

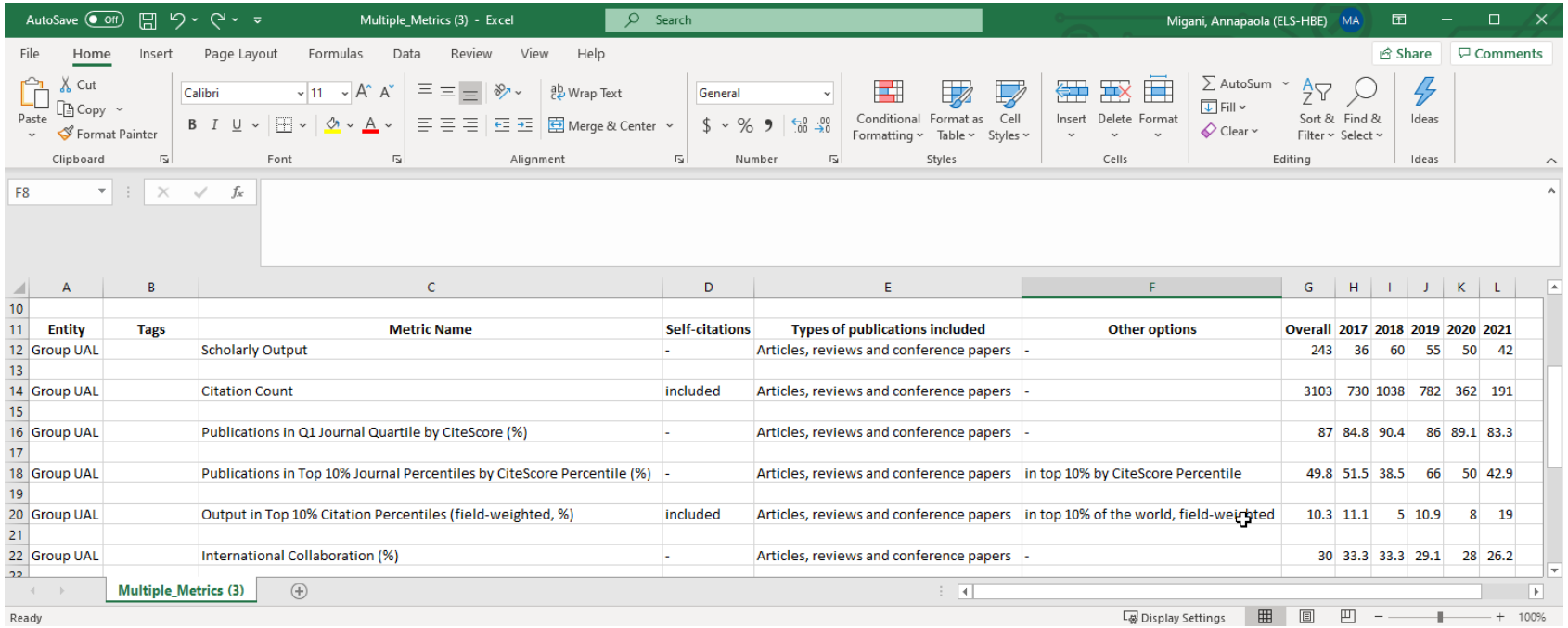


Valores agregados para el rango de años



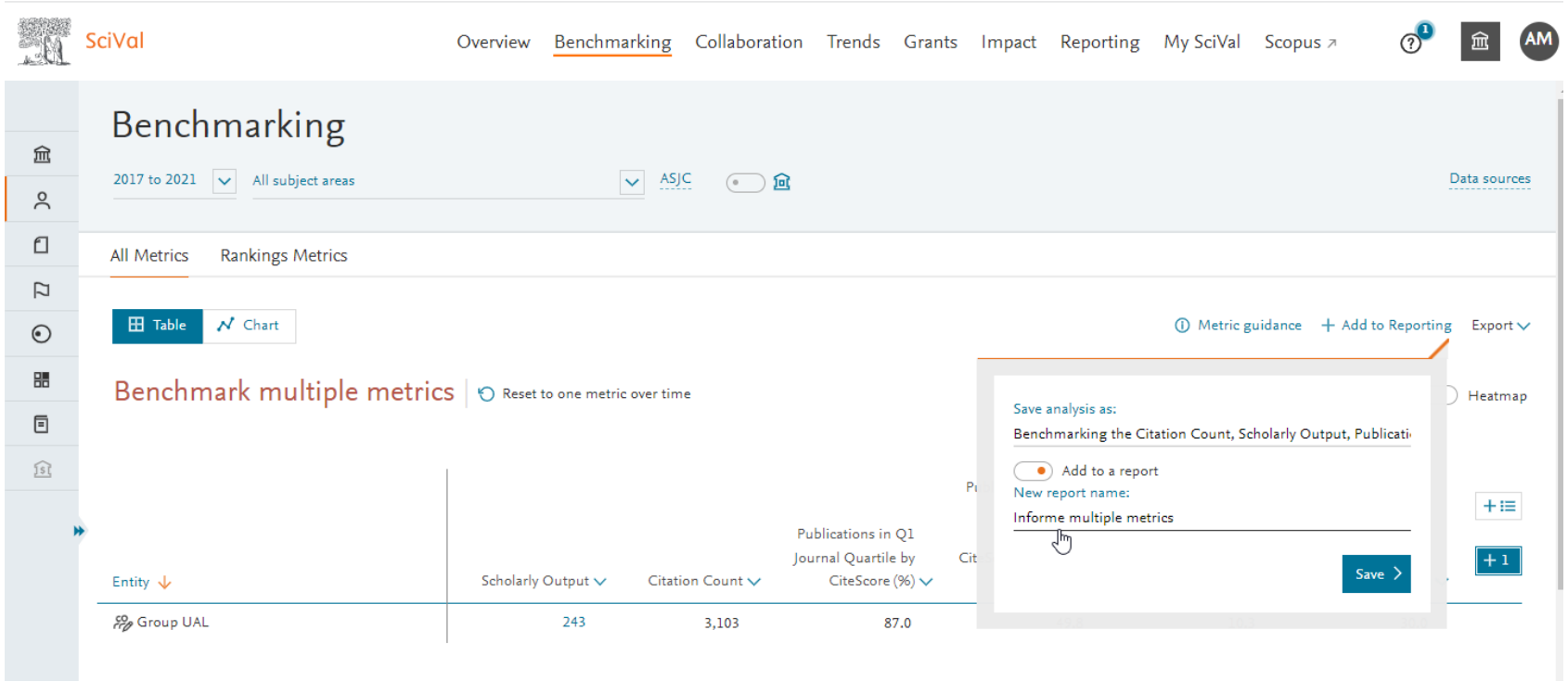
	A	B	C	D	E	F	G	H
1	Entity	Tags	Scholarly Output	Citation Count	Publications in Q1 Journal Quartile by CiteScore (%)	Publications in Top 10% Journal Percentiles by CiteScore Percentile (%)	Output in Top 10% Citation Percentiles (field-weighted, %)	International Collaboration (%)
2	Group UAL		243	3103	87	49.8	10.3	30
3								

Valores desglosados por año de publicación

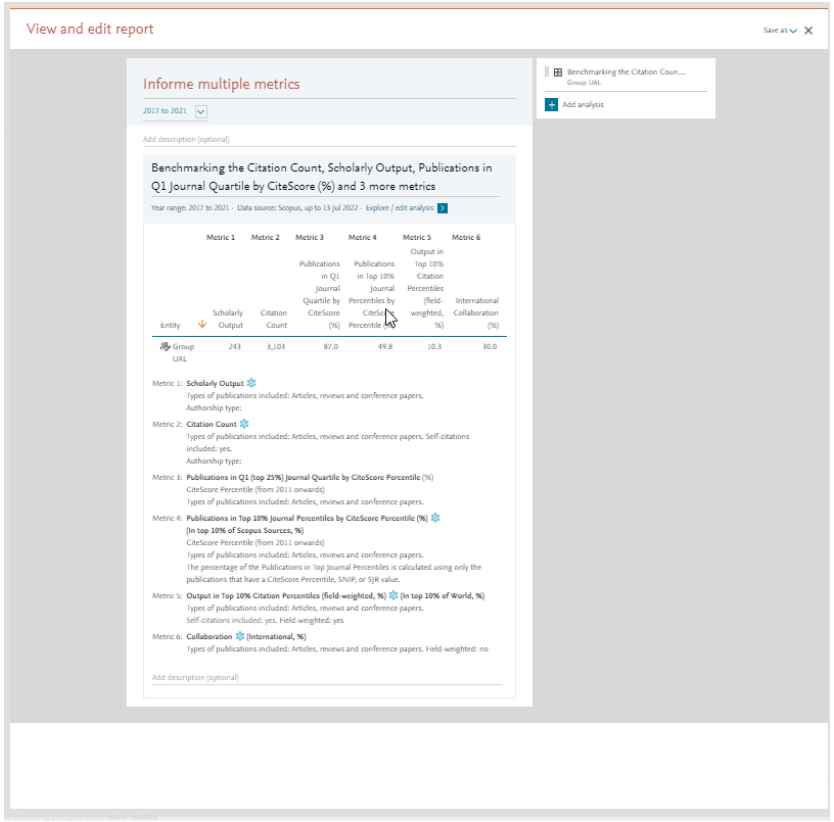


	Entity	Tags	Metric Name	Self-citations	Types of publications included	Other options	Overall	2017	2018	2019	2020	2021
12	Group UAL		Scholarly Output	-	Articles, reviews and conference papers	-	243	36	60	55	50	42
14	Group UAL		Citation Count	included	Articles, reviews and conference papers	-	3103	730	1038	782	362	191
16	Group UAL		Publications in Q1 Journal Quartile by CiteScore (%)	-	Articles, reviews and conference papers	-	87	84.8	90.4	86	89.1	83.3
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	38.5	66	50	42.9
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	19
22	Group UAL		International Collaboration (%)	-	Articles, reviews and conference papers	-	30	33.3	33.3	29.1	28	26.2

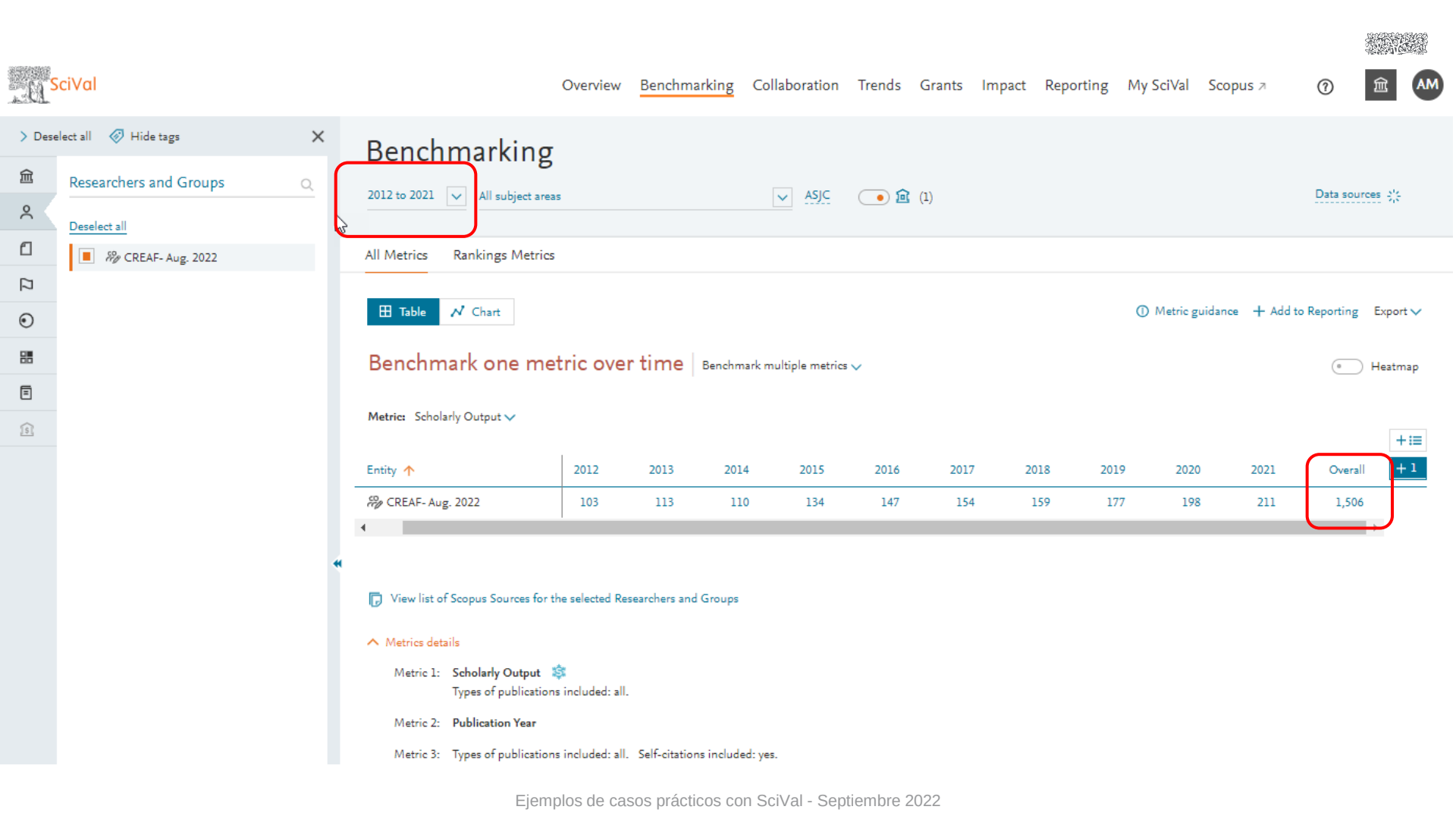
Como guardar un análisis bibliométrico en “Reporting” y hacer informes recurrentes



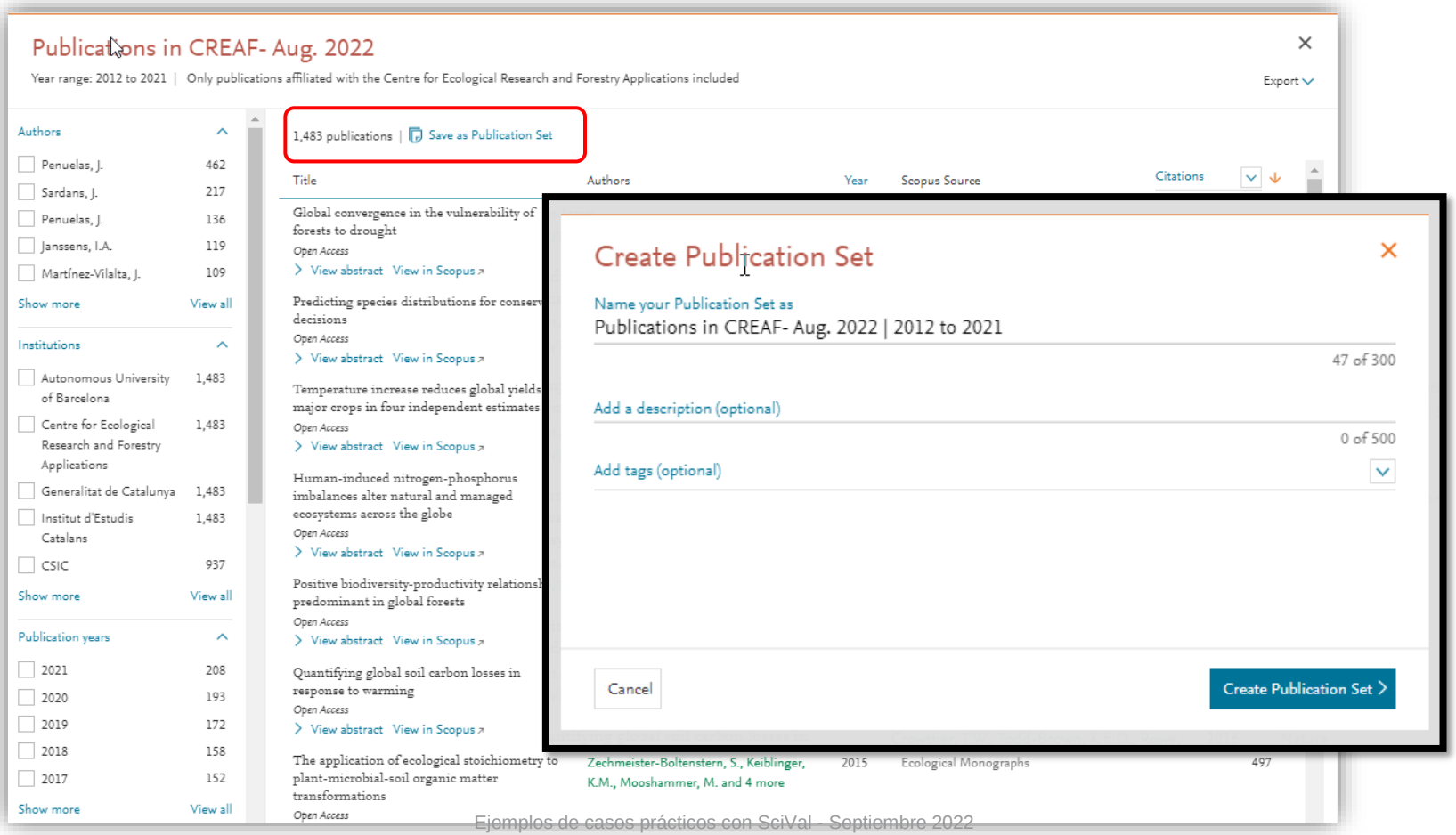
Ejemplo de informe recurrente en Reporting



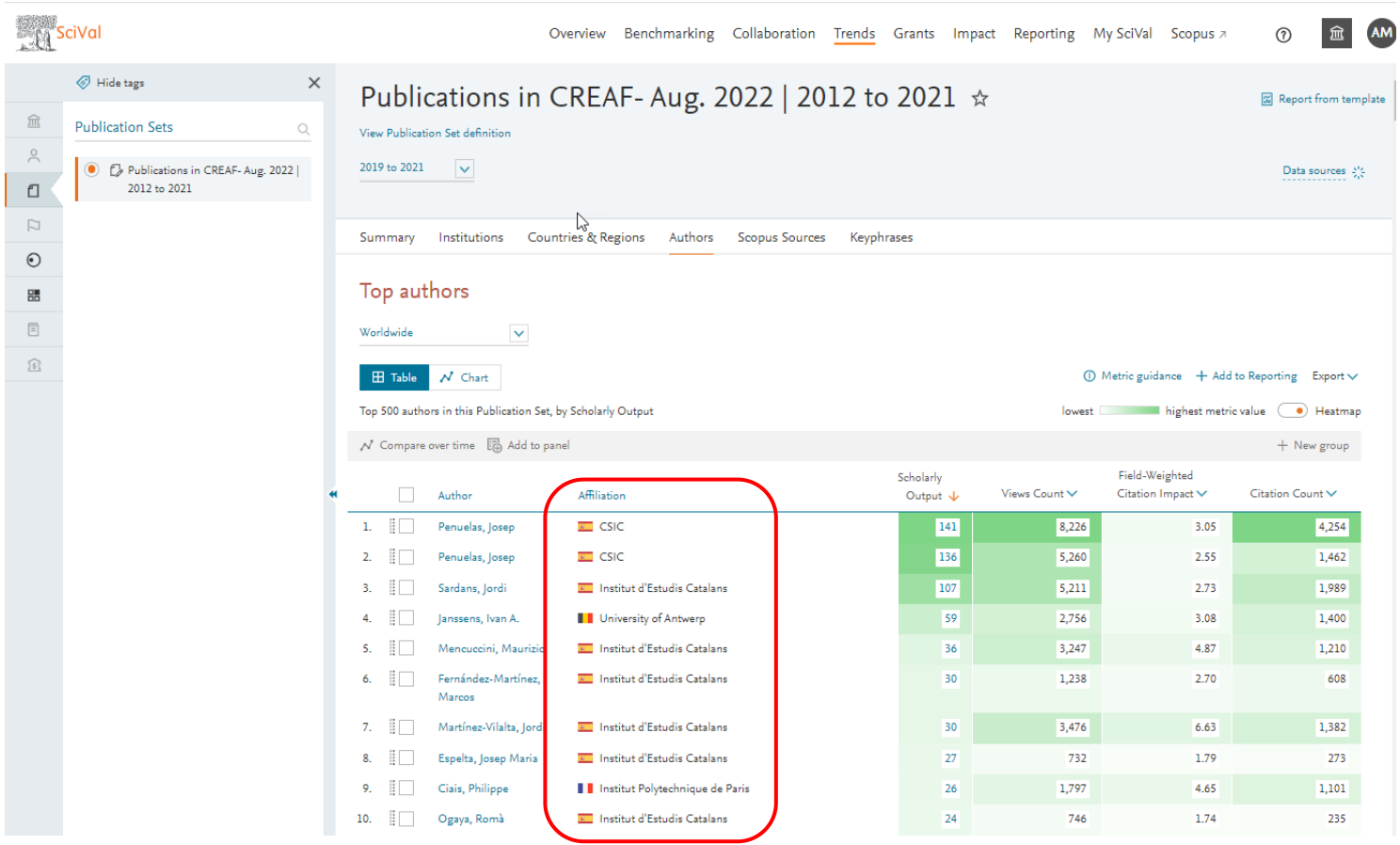
¿Qué pasa si uno de los autores más prolíficos se jubila o deja de trabajar para el centro?


SciVal
Overview
Benchmarking
Collaboration
Trends
Grants
Impact
Reporting
My SciVal
Scopus
AM
Deselect all
Hide tags
Researchers and Groups
Deselect all
CREAF- Aug. 2022
Benchmarking
2012 to 2021
All subject areas
ASJC
(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
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
Overall
+ 1
CREAF- Aug. 2022
103
113
110
134
147
154
159
177
198
211
1,506
View list of Scopus Sources for the selected Researchers and Groups
Metrics details
Metric 1: Scholarly Output
Types of publications included: all.
Metric 2: Publication Year
Metric 3: Types of publications included: all. Self-citations included: yes.

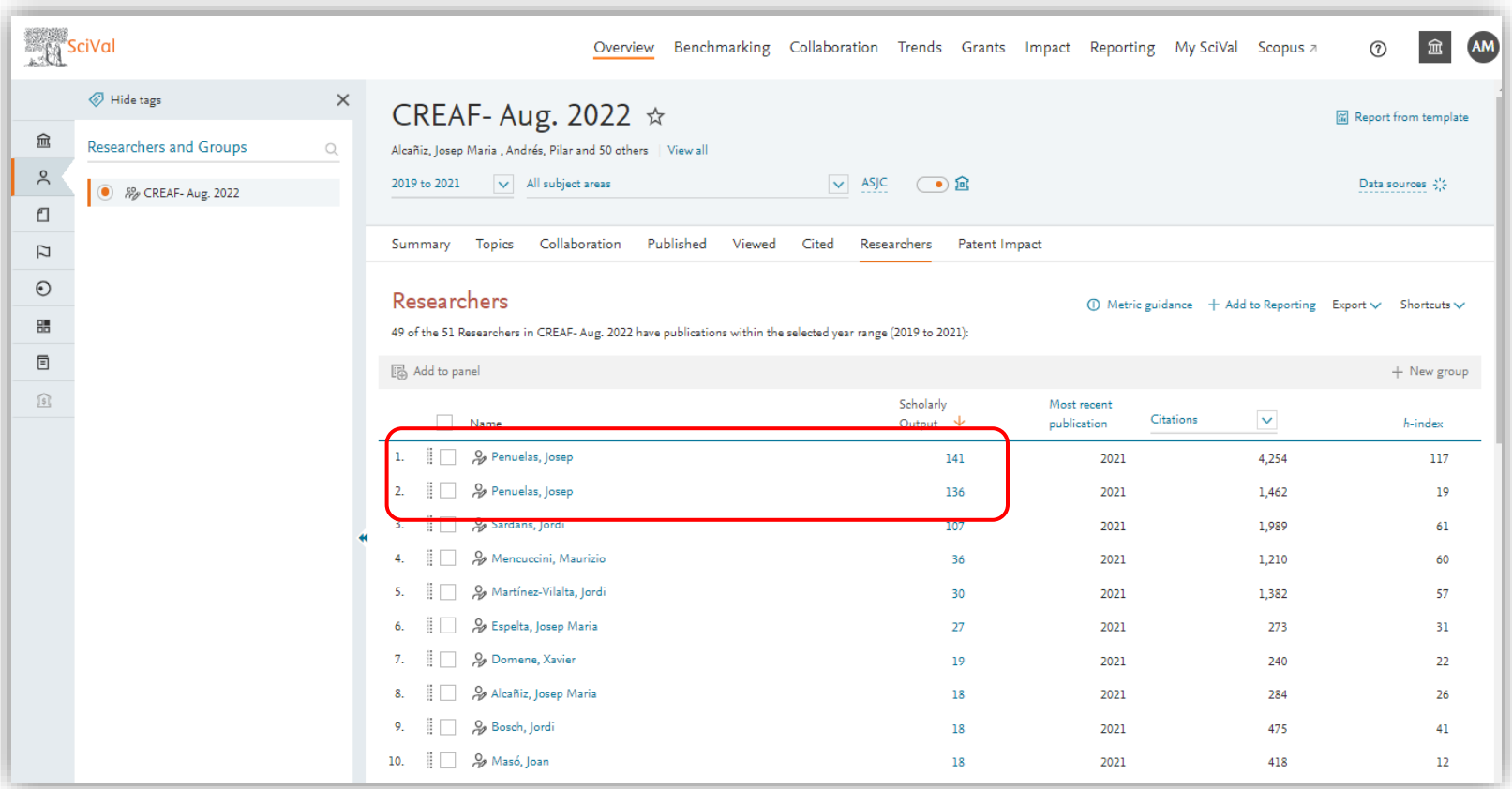
Convertir un grupo de investigación en un conjunto de publicaciones



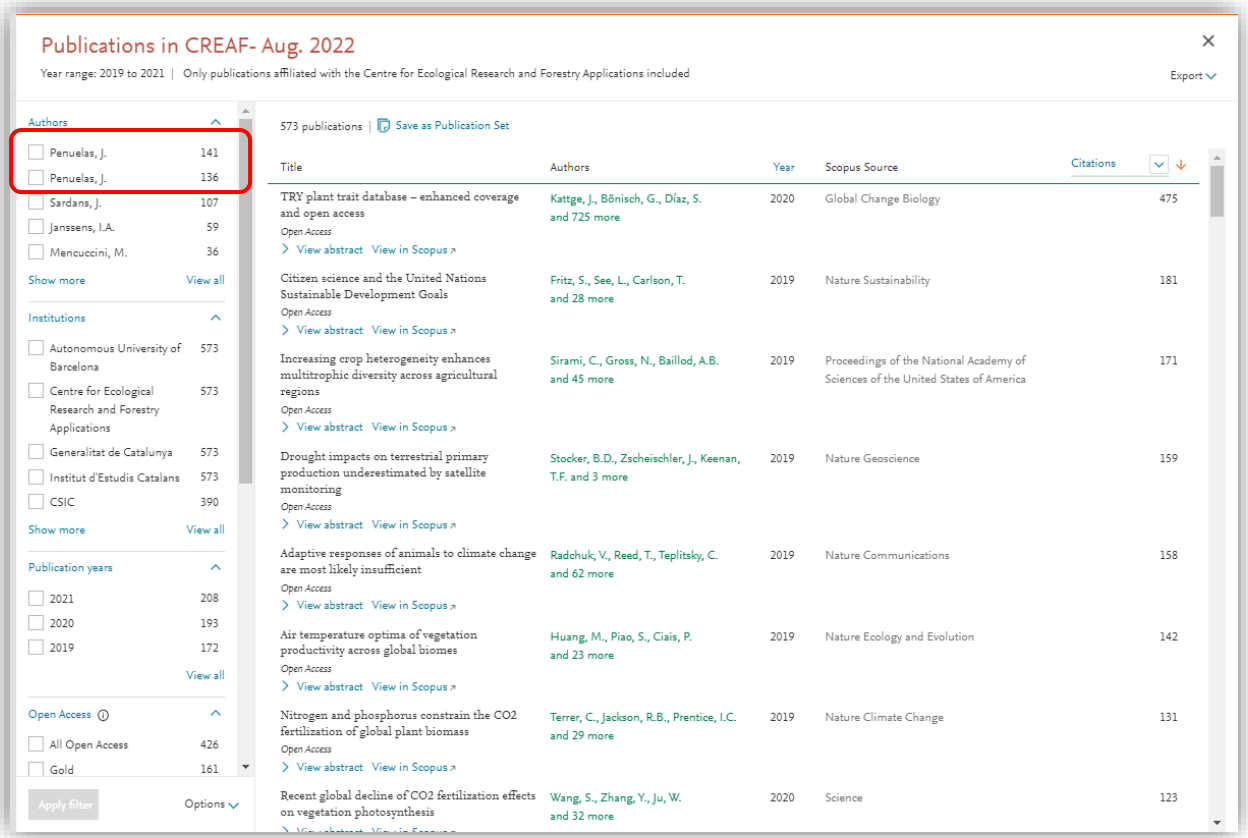
Listado de autores en el modulo TRENDS



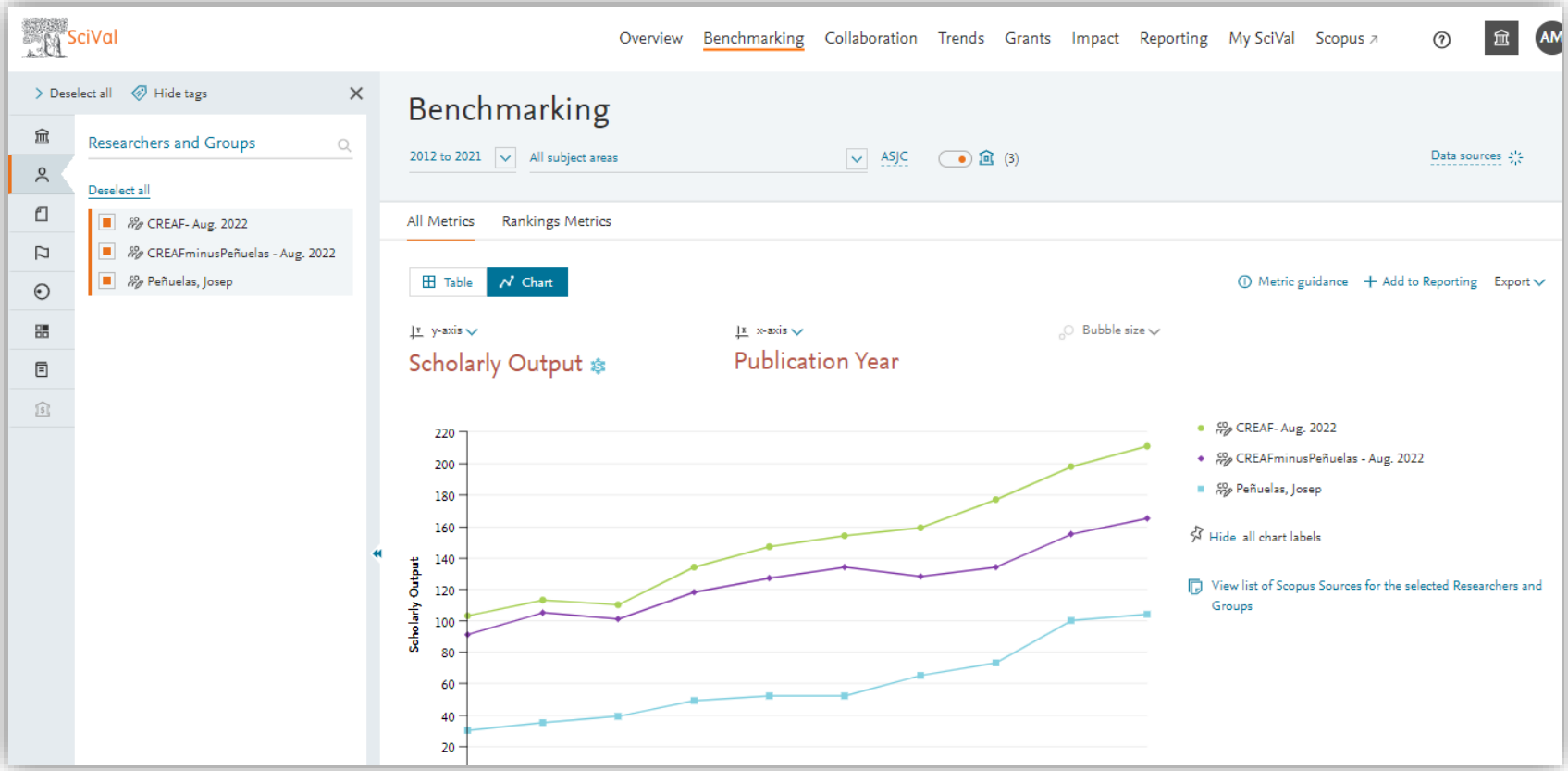
Listado de autores en el modulo OVERVIEW



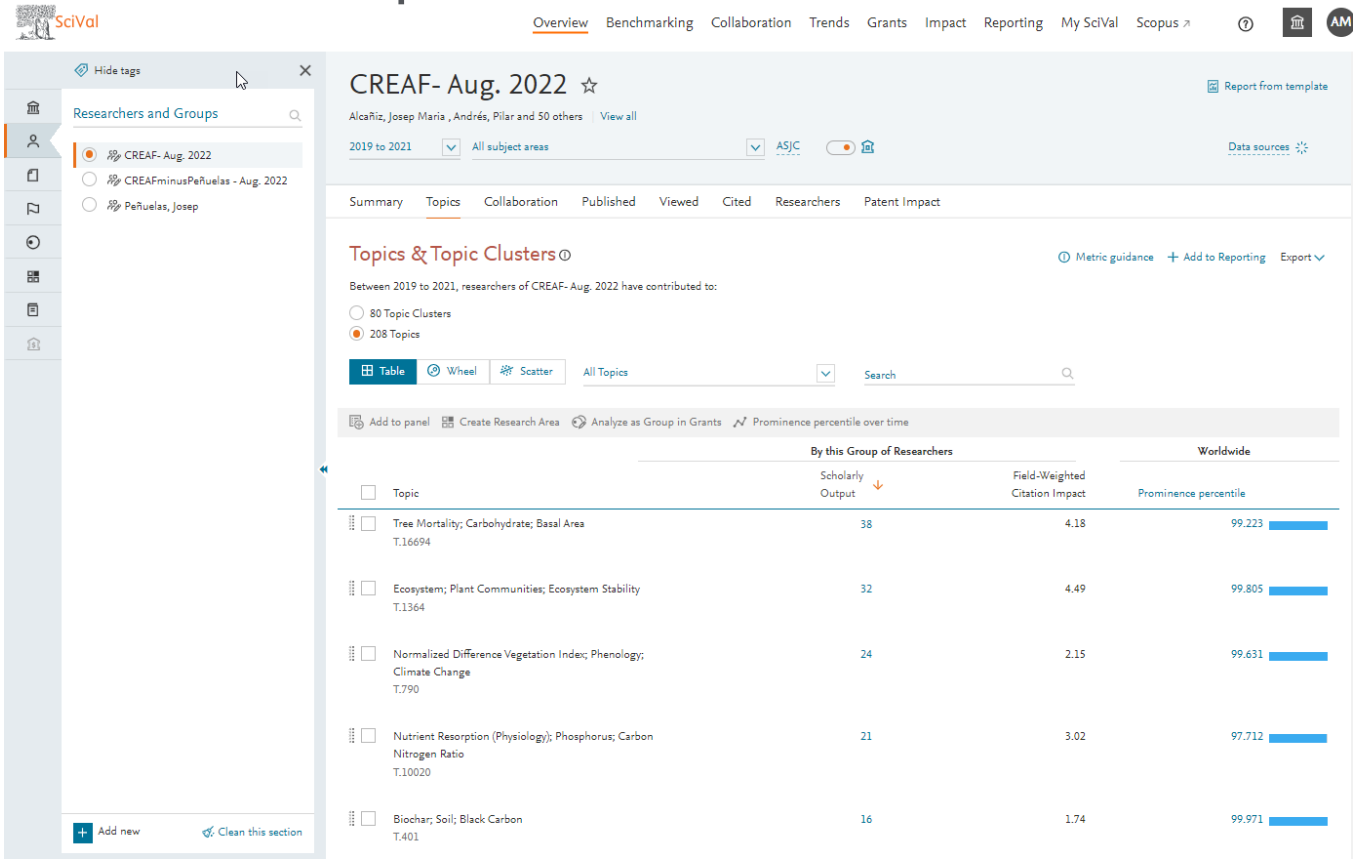
Listado de autores en el modulo BENCHMARKING



Cambios en publicaciones



Cambios en Topics



SciVal

Overview | Benchmarking | Collaboration | Trends | Grants | Impact | Reporting | My SciVal | Scopus

Hide tags

Researchers and Groups

- CREAF- Aug. 2022
- CREAFminusPeñuelas - Aug. 2022
- Peñuelas, Josep

Add new | Clean this section

CREAFminusPeñuelas - Aug. 2022

Alcañiz, Josep Maria , Andrés, Pilar and 48 others | View all

Report from template

2019 to 2021 | All subject areas | ASJC | Data sources

Summary | Topics | Collaboration | Published | Viewed | Cited | Researchers | Patent Impact

Topics & Topic Clusters

Metric guidance | Add to Reporting | Export

Between 2019 to 2021, researchers of CREAFminusPeñuelas - Aug. 2022 have contributed to:

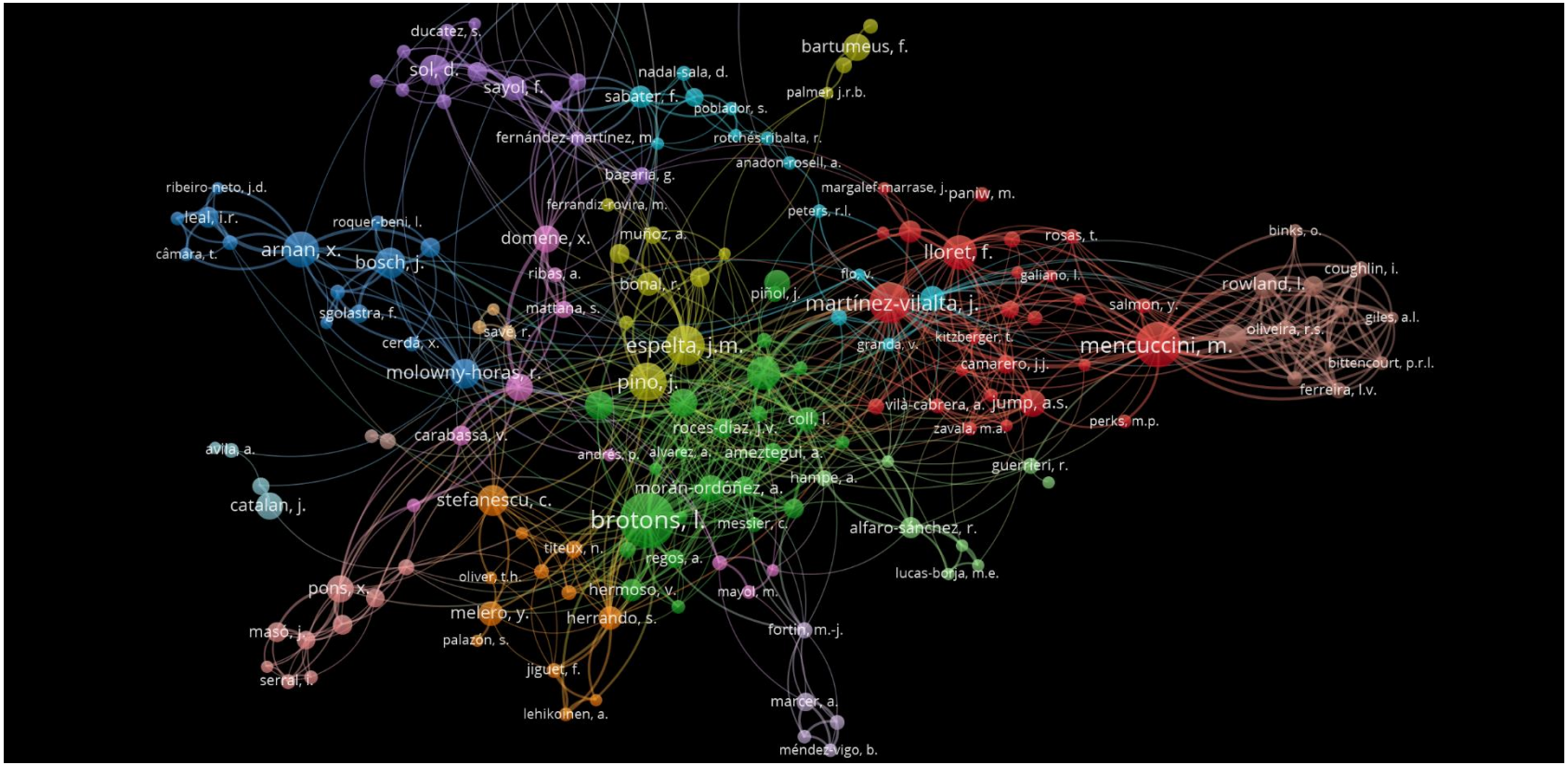
- 73 Topic Clusters
- 183 Topics

Table | Wheel | Scatter | All Topics | Search

Add to panel | Create Research Area | Analyze as Group in Grants | Prominence percentile over time

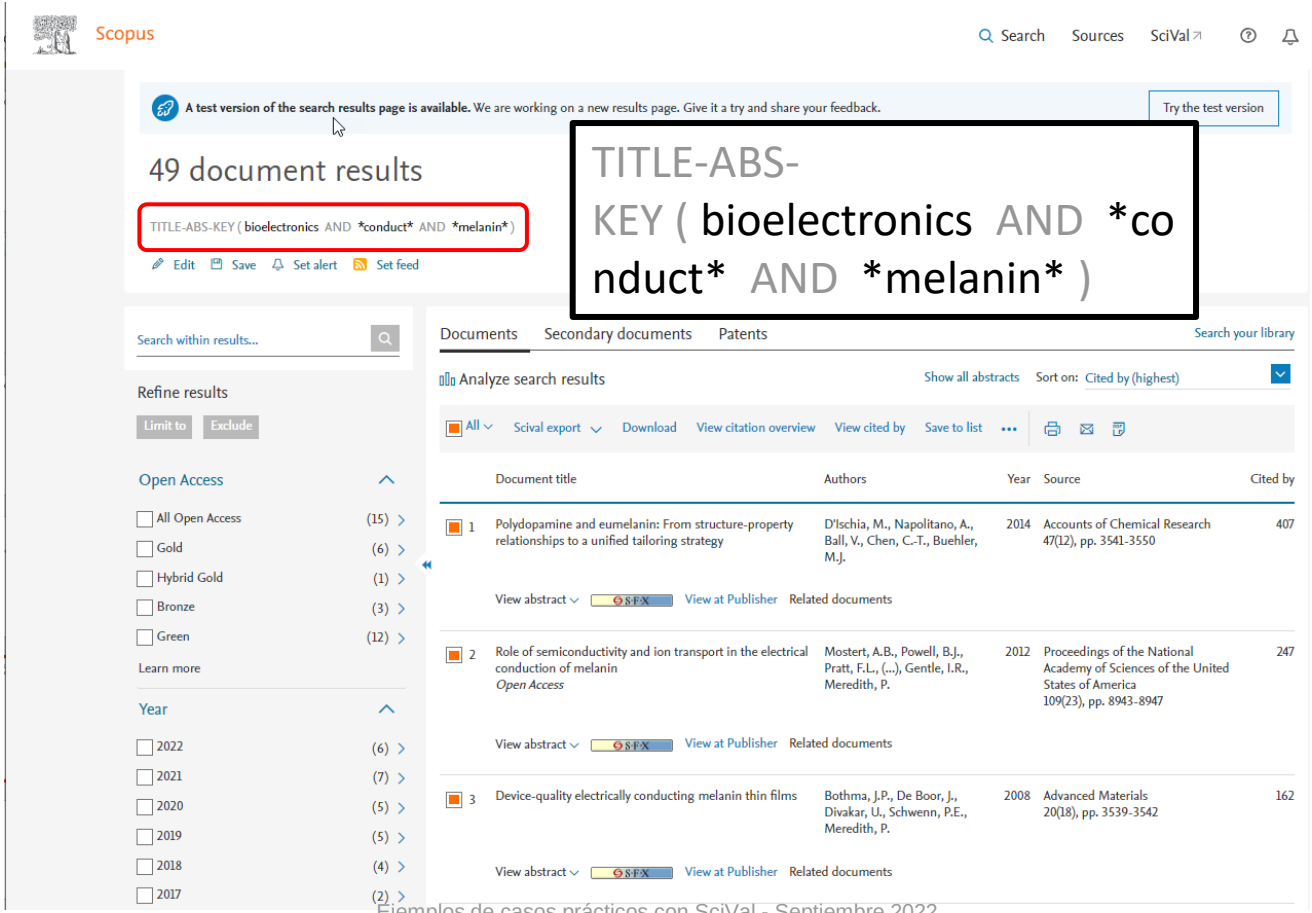
Topic	By this Group of Researchers: Scholarly Output		By this Group of Researchers: Field-Weighted Citation Impact	Worldwide: Prominence percentile
Tree Mortality; Carbohydrate; Basal Area T.16694	31	-7 papers era 38	4.28	99.223
Ecosystem; Plant Communities; Ecosystem Stability T.1364	19	-13 papers era 32	5.20	99.805
Nutrient Resorption (Physiology); Phosphorus; Carbon Nitrogen Ratio T.10020	19	-2 papers era 21	2.59	97.712
Biochar; Soil; Black Carbon T.401	15	-1 papers era 16	1.68	99.971
Bombus; Bees; Neonicotinoids T.2041	14	Sin cambios	3.89	99.781

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.



Import Publication Set

1. Review publications
2. Save Publication Set

3 of the 49 publications cannot be imported into SciVal.

ID	Issue
2-s2.0-0019739810	Publication ID could not be found
2-s2.0-0021757287	Publication ID could not be found
2-s2.0-85135955558	Publication ID could not be found

How can an ID be unknown?

There are two possible reasons:

- The publication has been published before 1996. SciVal 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	0.96	15
Scholarly Output	Field-Weighted Citation Impact	International Collaboration

View list of publications

1,017	423
Views Count	Citation Count

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

Hide tags

Publication Sets

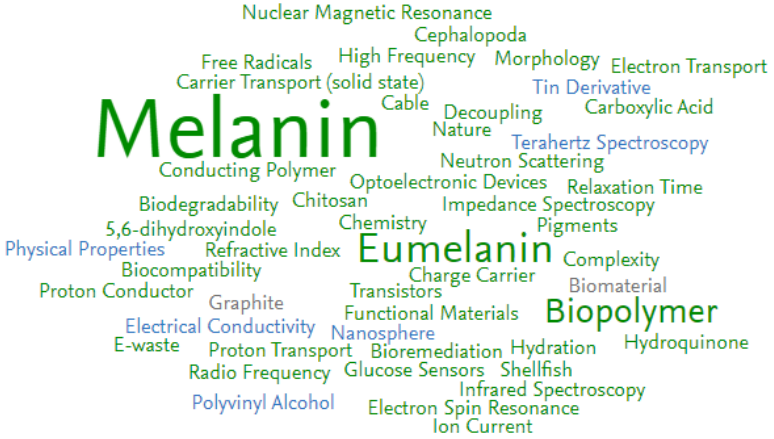
bioelectronics AND *conduct* AND *melanin* - 4 September 2022

2017 to >2022

Keyphrase analysis

+ Add to Reporting

Top 50 keyphrases by relevance, based on 28 publications



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

Analyze in more detail

SciVal

Overview Benchmarking Collaboration Trends Grants Impact Reporting My SciVal Scopus

Hide tags

Publication Sets

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

Add new Clean this section

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

View Publication Set definition

Report from template

2017 to >2022

Data sources

Summary Institutions Countries & Regions Authors Scopus Sources Keyphrases

Overall Most active contributors

Keyphrases

Top 50 keyphrases by relevance, based on 28 publications

Keyphrase color legend: declining A A A growing (2017-2021)

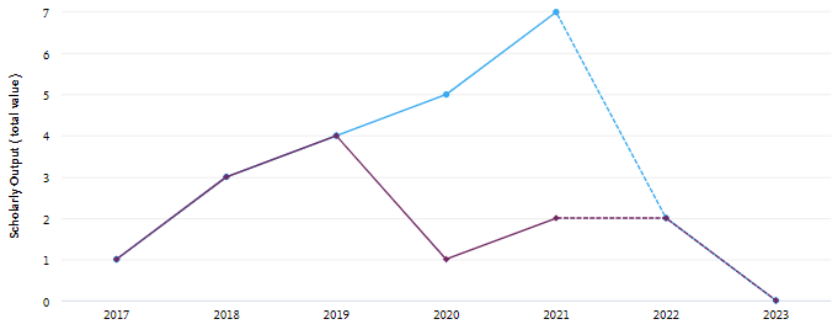
Add to Reporting Export

Select all | Reset

- Melanin
- Eumelanin
- Biopolymer
- Biocompatibility
- Biodegradability
- Graphite
- Conducting Polymer
- Impedance Spectroscopy
- Optoelectronic Devices
- Pigments
- 5,6-dihydroxyindole
- Functional Materials
- Electrical Conductivity
- Proton Conductor
- Biomaterial
- Bioremediation
- Carboxylic Acid

Chart Table 26 publications

View: Scholarly Output by year



Metric details

x-axis: Publication Year

y-axis: Scholarly Output

Types of publications included: all.

--- incomplete year

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

View Publication Set definition

Report from template

2017 to >2022

Data sources

Top authors

Worldwide

Table Chart

Metric guidance + Add to Reporting Export

Top 500 authors in this Publication Set, by Scholarly Output

lowest highest metric value Heatmap

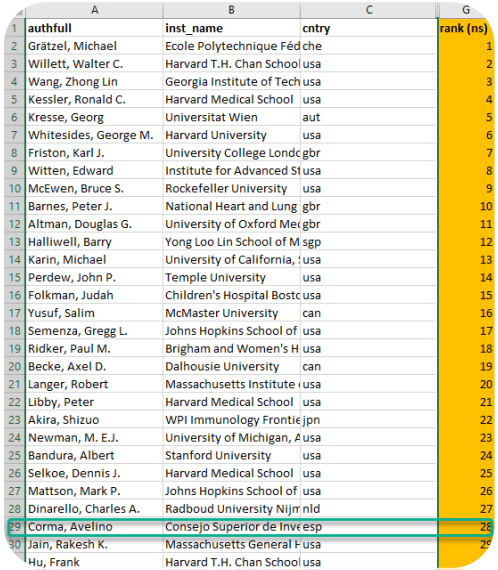
Compare over time Add to panel + New group

	Author	Affiliation	Scholarly Output	Views Count	Field-Weighted Citation Impact	Citation Count
1.	Meredith, Paul	Swansea University	6	214	1.79	173
2.	Mostert, A. Bernardus	Swansea University	6	184	1.42	109
3.	Graeff, Carlos F.O.	Universidade Estadual Paulista Júlio de Mesquita Filho	5	50	0.90	20
4.	Paulin, João Vitor	Centro Nacional de Pesquisa em Energia e Materiais	5	50	0.90	20
5.	Pezzella, Alessandro	National Research Council of Italy	5	399	1.34	118
6.	Motovilov, K. A.	Moscow Institute of Physics and Technology	4	122	0.26	4
7.	Bedran, Zakhar V.	Moscow Institute of Physics and Technology	3	89	0.09	1
8.	Gorshunov, Boris P.	Moscow Institute of Physics and Technology	3	89	0.09	1
9.	Shim, Bong Sup	Inha University	3	85	0.70	34
10.	Abramov, Pavel A.	Moscow Institute of Physics and Technology	2	43	0.13	1
11.	Albano, Luiz Gustavo Simão	Centro Nacional de Pesquisa em Energia e Materiais	2	24	0.13	1
12.	Alfè, M.	National Research Council of Italy	2	185	0.93	30
13.	Batagin-Neto, Augusto	Universidade Estadual Paulista Júlio de Mesquita Filho	2	17	1.89	14
14.	Bof Bufon, Carlos César	Centro Nacional de Pesquisa em Energia e Materiais	2	24	0.13	1
15.	Bregadiolli, Bruna Andressa	Universidade Estadual Paulista Júlio de Mesquita Filho	2	24	0.13	1

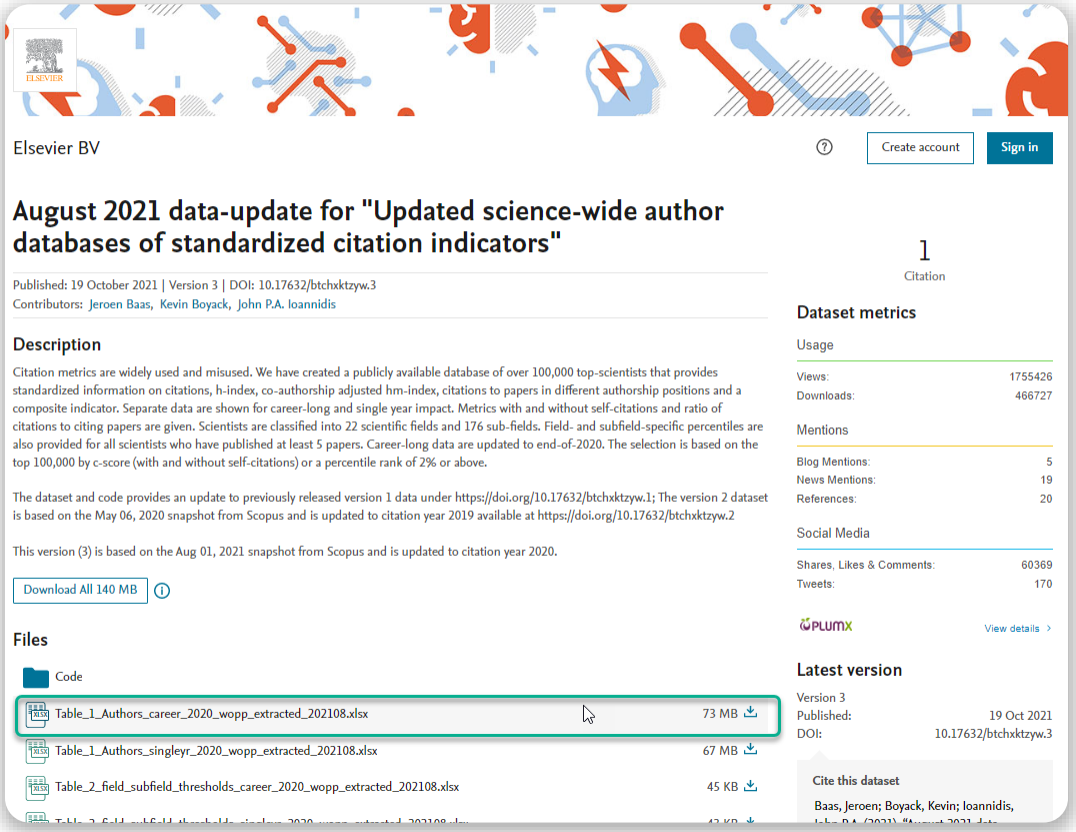
¿Cómo se puede analizar la autoría (primer autor, autor de correspondencia) en SciVal?

Database of over 100,000 top-scientists

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



	A	B	C	G
1	authfull	inst_name	cntry	rank (ns)
2	Grätzel, Michael	Ecole Polytechnique Féd	che	1
3	Willett, Walter C.	Harvard T.H. Chan School	usa	2
4	Wang, Zhong Lin	Georgia Institute of Tech	usa	3
5	Kessler, Ronald C.	Harvard Medical School	usa	4
6	Kresse, Georg	Universitat Wien	aut	5
7	Whitesides, George M.	Harvard University	usa	6
8	Friston, Karl J.	University College Londo	gbr	7
9	Witten, Edward	Institute for Advanced St	usa	8
10	McEwen, Bruce S.	Rockefeller University	usa	9
11	Barnes, Peter J.	National Heart and Lung	gbr	10
12	Altman, Douglas G.	University of Oxford Me	gbr	11
13	Halliwell, Barry	Yong Loo Lin School of M	sgp	12
14	Karin, Michael	University of California,	usa	13
15	Perdew, John P.	Temple University	usa	14
16	Folkman, Judah	Children's Hospital Bosto	usa	15
17	Yusuf, Salim	McMaster University	can	16
18	Semenza, Gregg L.	Johns Hopkins School of	usa	17
19	Ridker, Paul M.	Brigham and Women's H	usa	18
20	Becke, Axel D.	Dalhousie University	can	19
21	Langer, Robert	Massachusetts Institute	usa	20
22	Libby, Peter	Harvard Medical School	usa	21
23	Akira, Shizuo	WPI Immunology Frontie	jpn	22
24	Newman, M. E.J.	University of Michigan, A	usa	23
25	Bandura, Albert	Stanford University	usa	24
26	Selkoe, Dennis J.	Harvard Medical School	usa	25
27	Mattson, Mark P.	Johns Hopkins School of	usa	26
28	Dinarello, Charles A.	Radboud University Nijm	nld	27
29	Corma, Avelino	Consejo Superior de Inve	esp	28
30	Jain, Rakesh K.	Massachusetts General H	usa	29
	Hu, Frank	Harvard T.H. Chan School	usa	



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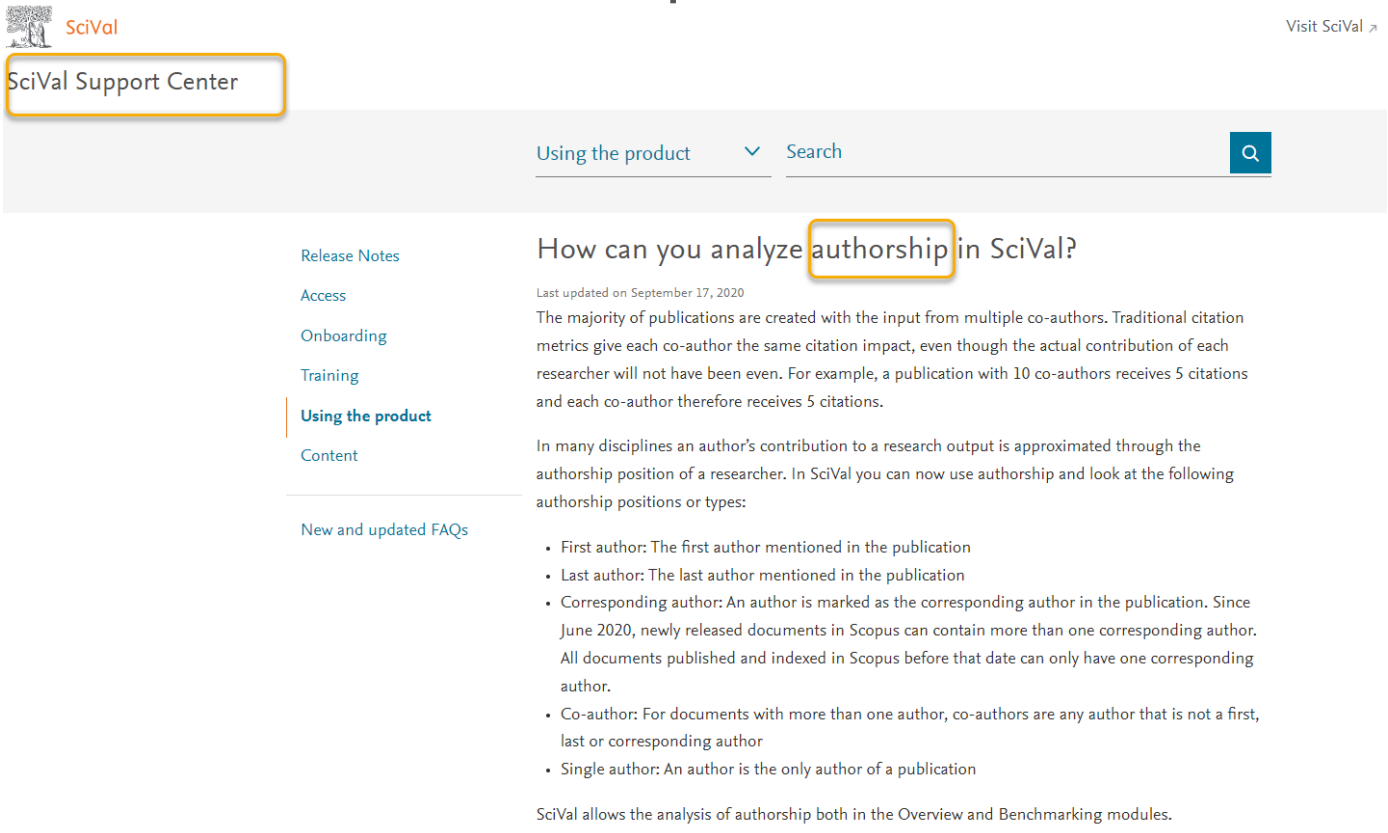

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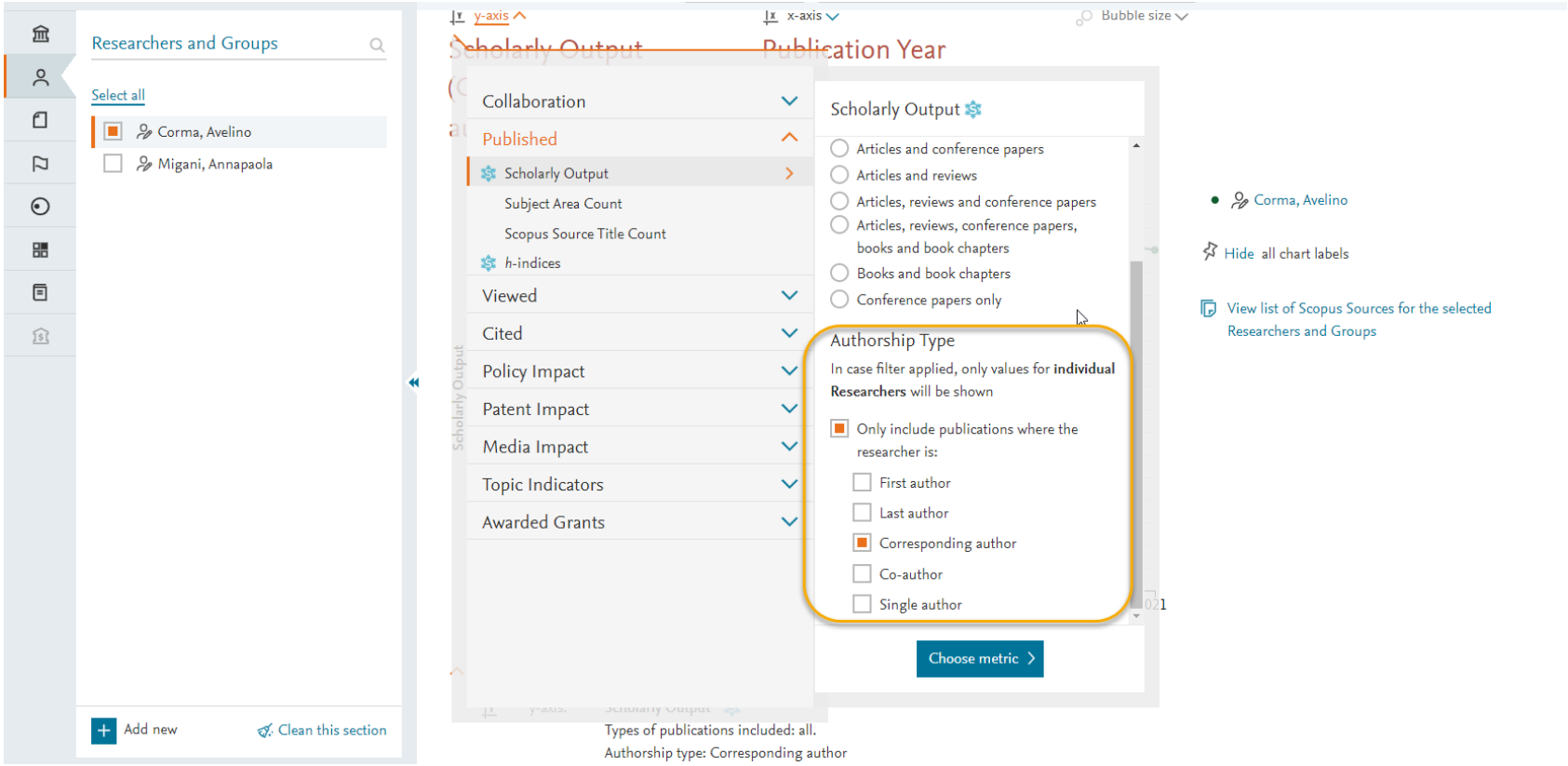
- Not all documents list a corresponding author. Analyses suggest this is the case for around 20% of all Scopus records present in SciVal.
- In disciplines such as physics and mathematics, authors are often listed alphabetically in the publications and corresponding metadata. We recommend analyzing these 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



Overview Benchmarking Collaboration Trends Grants Impact Reporting My SciVal Scopus ↗

Benchmarking

2016 to 2021 | All subject areas | ASJC | Data sources

All Metrics | Rankings Metrics

Table | Chart

Metric guidance | + Add to Reporting | Export

y-axis: Scholarly Output (Corresponding author)

x-axis: Publication Year

Bubble size

Corma, Avelino

Hide all chart labels

View list of Scopus Sources for the selected Researchers and Groups

Benchmarking

2016 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)
Corma, Avelino	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

92 publications | Save as Publication Set

Authors

- Corma, A. 92
- Liu, L. 23
- Concepción, P. 17
- Moliner, M. 15
- Iborra, S. 9

Show more View all

Institutions

- Polytechnic University of Valencia 92
- CSIC-UPV - Institute of Chemical Technology 84
- CSIC 73
- King Fahd University of Petroleum and Minerals 8
- Jilin University 6

Show more View all

Publication years

- 2021 15
- 2020 16
- 2019 12

Apply filter Options

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
Regioselective 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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Liu, Lichen; Corma, Avelino

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[a] Instituto de Tecnología Química, Universitat Politecnica de Valencia-Consejo Superior de Investigaciones Cientificas, Avenida de los Naranjos s/n, Valencia, 46022, Spain

Corma, A.; Instituto de Tecnología Química, Universitat Politecnica de Valencia-Consejo Superior de Investigaciones Cientificas, Avenida de los Naranjos s/n, Valencia, Spain; email:acorma@itq.upv.es

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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