Escuela Politécnica Superior

MEMORIA DE INVESTIGACIÓN 2021

ÍNDICE

ARTÍCULOS (141 total)

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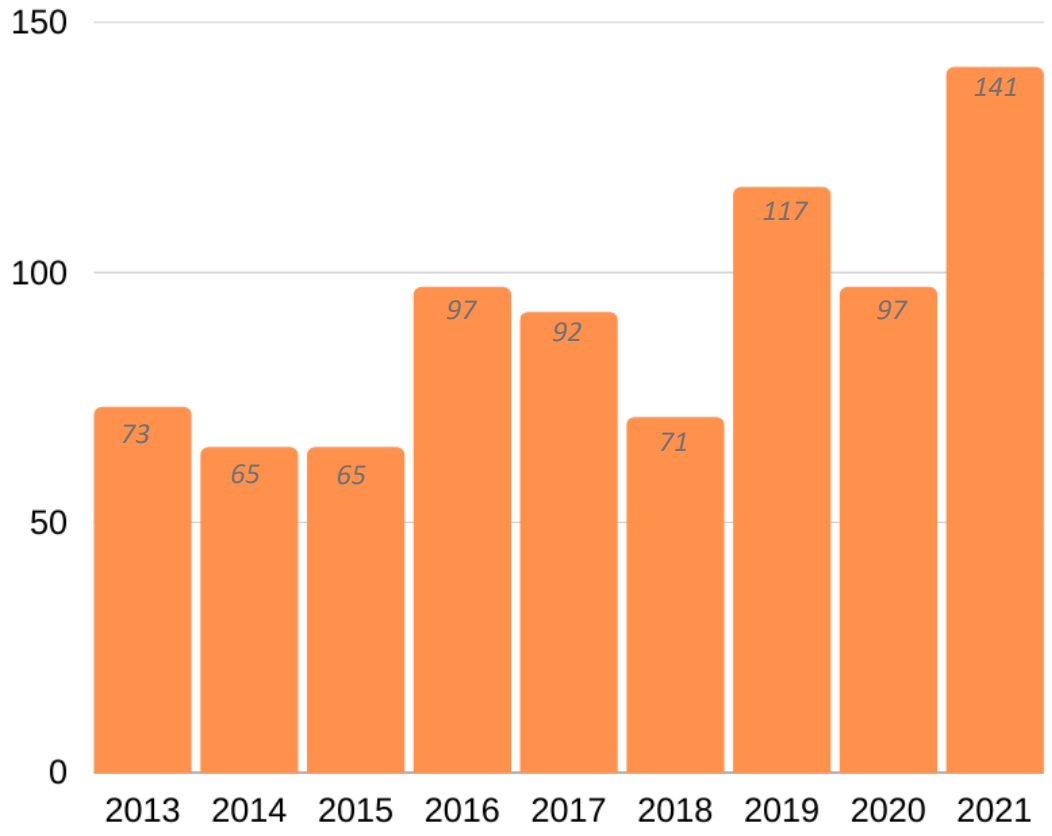
COMPARATIVA 2013-2021

Número de artículos recogidos en las memorias por año.



ANÁLISIS DE LOS ARTÍCULOS 2021 *(Datos extraídos de Scival[1])*

141 Artículos indexados en Scopus®

65,2% Están en Open Access

313 Citas recibidas por el total de artículos

2,2 Citas de media por publicación

1.18

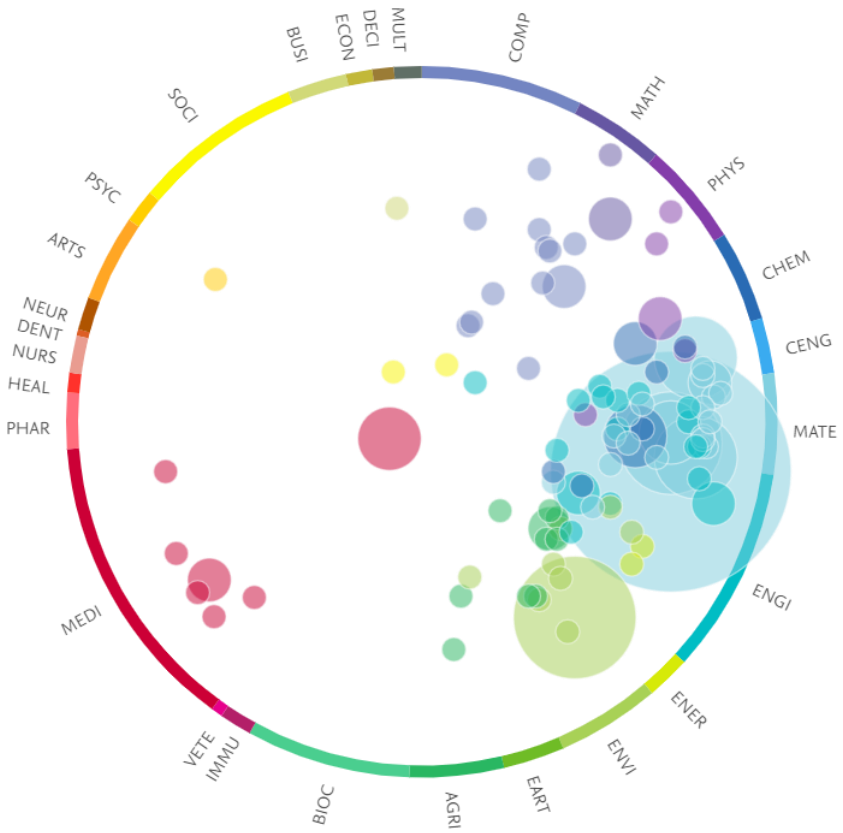
Field-Weighted Citation Impact (FWCI) – Impacto de citas ponderado por campo de investigación proporcionado por Scival (Elsevier).

El FWCI indica cómo se compara el número de citas que han recibido las publicaciones de un centro con respecto al número medio recibido por todas las demás publicaciones similares en el universo de datos.

- Un FWCI de 1.00 indica que las publicaciones de este centro se han citado tal y como cabría esperar basándose en la media mundial de las publicaciones similares
- Un FWCI de 1.18 para el periodo 2021 significa que sus publicaciones se citan un **18% más** que la media mundial.

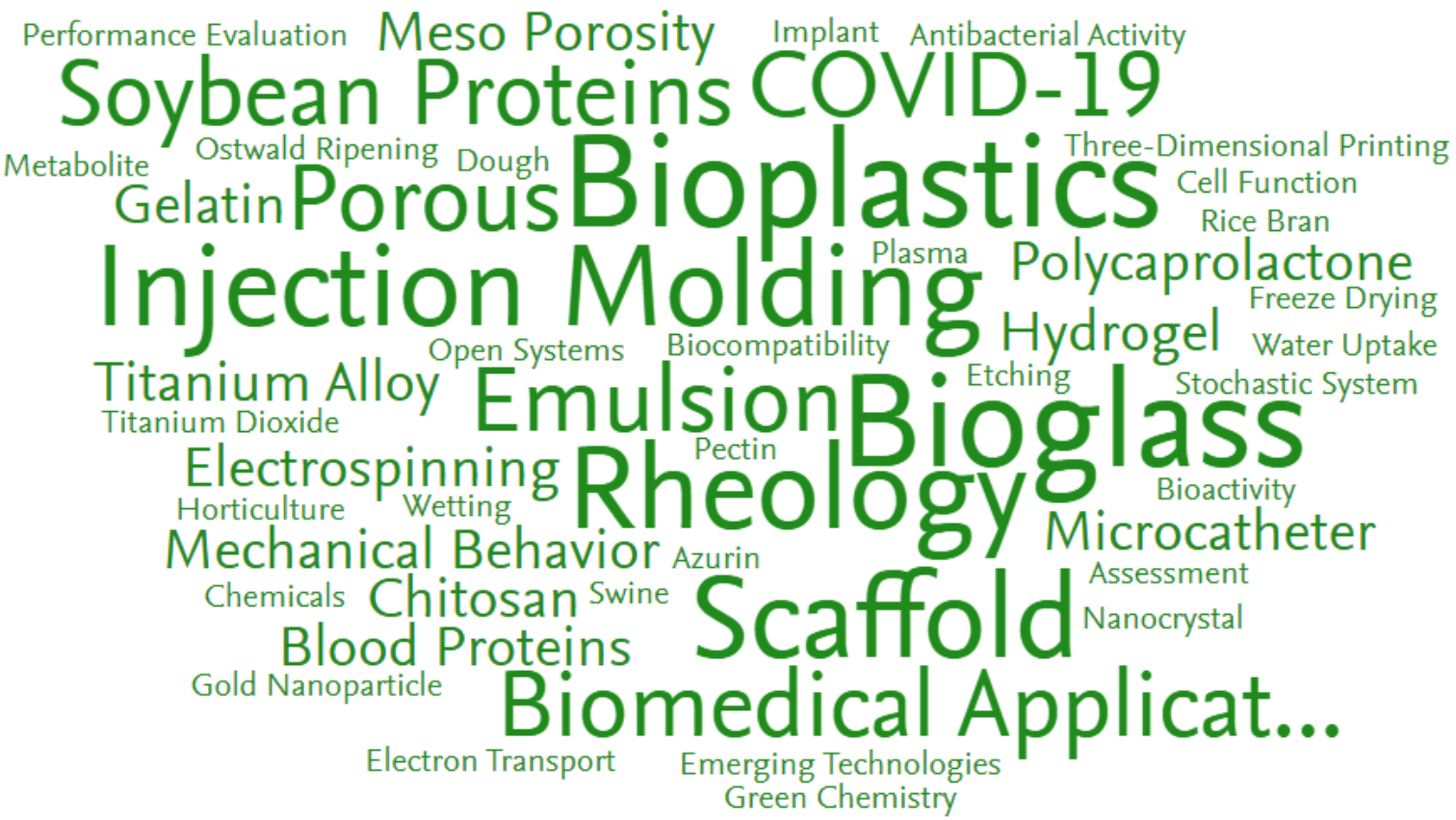
[1] ***SciVal*** *es una herramienta de evaluación del rendimiento de la investigación por suscripción que utiliza datos de* ***Scopus****. SciVal proporciona medidas bibliométricas más avanzadas que las disponibles en Scopus y Web of Science. SciVal también le permite comparar investigadores individuales, grupos de investigadores e instituciones en base a una variedad de métricas diferentes.*

TOPICS *(Imagen tomada de Scival)*

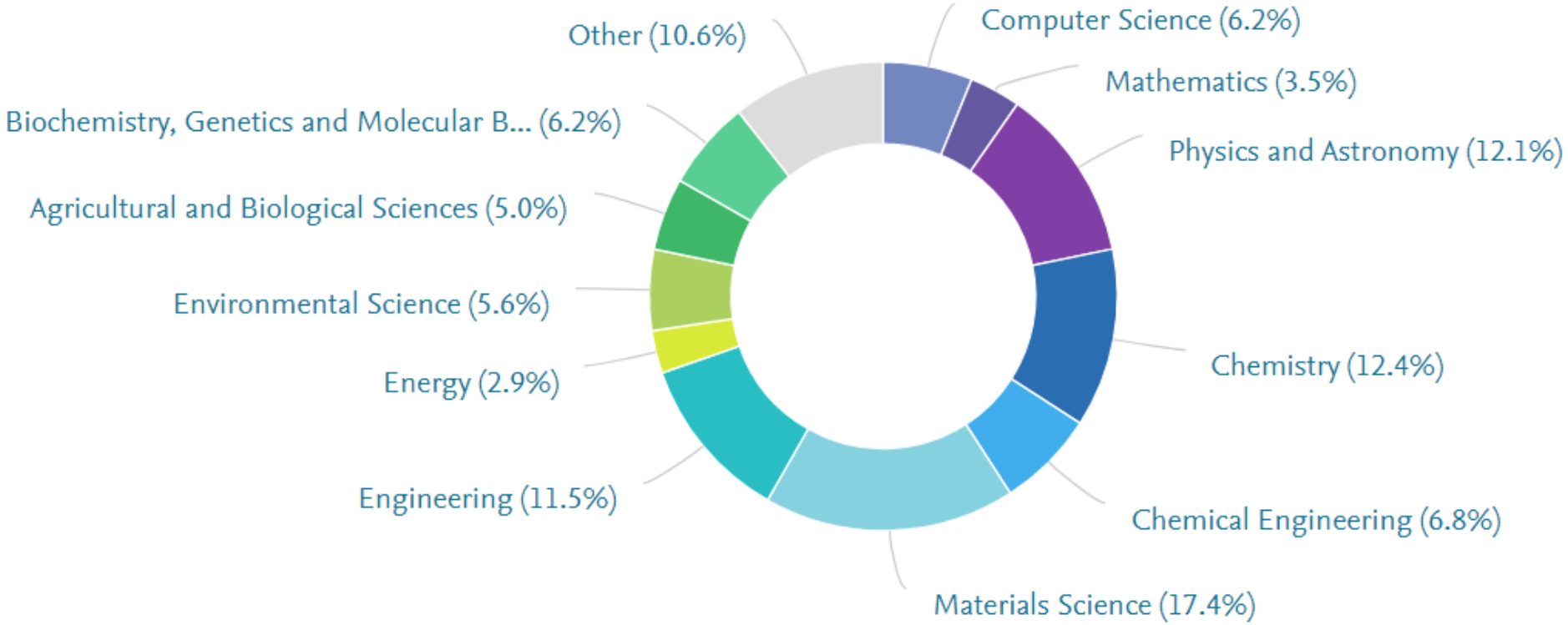


COMP	Computer Science	MEDI	Medicine
MATH	Mathematics	PHAR	Pharmacology, Toxicology and Pharmaceutics
PHYS	Physics and Astronomy	HEAL	Health Professions
CHEM	Chemistry	NURS	Nursing
CENG	Chemical Engineering	DENT	Dentistry
MATE	Materials Science	NEUR	Neuroscience
ENGI	Engineering	ARTS	Arts and Humanities
ENER	Energy	PSYC	Psychology
ENVI	Environmental Science	SOCI	Social Sciences
EART	Earth and Planetary Sciences	BUSI	Business, Management and Accounting
AGRI	Agricultural and Biological Sciences	ECON	Economics, Econometrics and Finance
BIOC	Biochemistry, Genetics and Molecular Biology	DECI	Decision Sciences
IMMU	Immunology and Microbiology	MULT	Multidisciplinary
VETE	Veterinary		

KEYPHRASES *(Datos extraídos de Scival)*



MATERIAS *(Imagen tomada de Scival)*

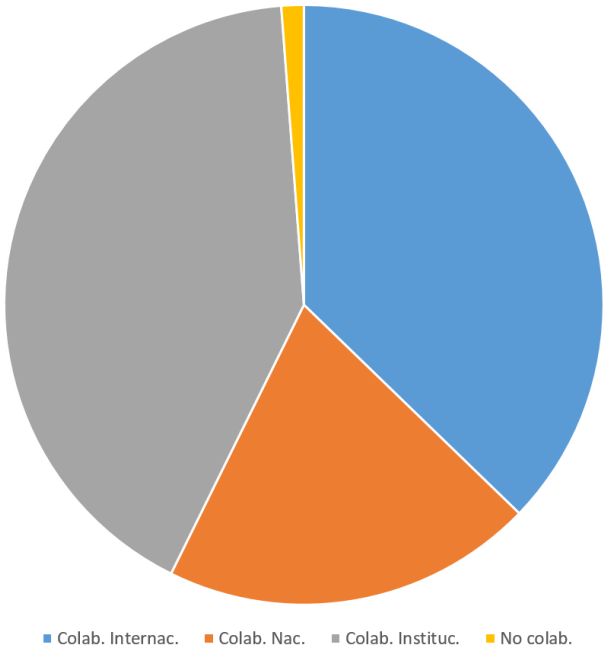


INDICADORES DE RENDIMIENTO *(Datos extraídos de Scival)*

SciVal Metric: Outputs in Top Citation Percentiles *Number of publications in the top 10% most cited publications worldwide*	SciVal Metric: Publications in Top Journal Percentiles *Number of publications in the top 10% journals by CiteScore*
20 (14,2%)	54 (38,6%)
International collaboration *Publications co-authored with Institutions in other countries/regions*	**Academic-Corporate Collaboration** *Publications with both academic and corporate affiliations*
52 (36,9%)	2 (1,4%)

COLABORACIONES *(Datos extraídos de Scival)*

Metric	%	Scholarly Output	Citations	Citations per Publication	Field-Weighted Citation Impact
International collaboration	36.9%	52	130	2,5	1,35
Only national collaboration	19,9%	28	31	1,1	0,80
Only institutional collaboration	41,1%	48	151	2,6	1,13
Single authorship (no collaboration)	2,1%	3	1	0,3	2,48



COLABORACIONES – TOP 25 INSTITUCIONES *(Datos extraídos de Scival)*

Institution	Sector	Country/Region	Scholarly Output	Authors
University of Seville	academic	Spain	133	192
CSIC	academic	Spain	18	50
CSIC-USE - Institute of Materials Science of Seville	government	Spain	7	13
Friedrich-Alexander University Erlangen-Nürnberg	academic	Germany	5	13
Universidad Autónoma de Madrid	academic	Spain	5	7
Universidad Nacional Autónoma de México	academic	Mexico	5	7
University of Extremadura	academic	Spain	4	15
Universidad Pablo de Olavide	academic	Spain	4	2
University of Oxford	academic	UK	4	4
University of Basel	academic	Switzerland	3	5
University of Huelva	academic	Spain	3	7
University of Illinois at Urbana-Champaign	academic	USA	3	3
University of Massachusetts	academic	USA	3	3
Consejo Nacional de Investigaciones Científicas y Técnicas	government	Argentina	3	9
Universidad de Antioquia	academic	Colombia	3	7
Universidad Internacional de La Rioja	academic	Spain	3	1
Helmholtz-Zentrum Dresden-Rossendorf	government	Germany	2	2
University of A Coruna	academic	Spain	2	3
University of Granada	academic	Spain	2	2
Newcastle University	academic	UK	2	2
Maastricht University	academic	Netherlands	2	3
University of Lisbon	academic	Portugal	2	5
NOVA University Lisbon	academic	Portugal	2	5
University of Aveiro	academic	Portugal	2	6
University of Havana	academic	Cuba	2	5

TOP 5 MOST CITED PUBLICATIONS *(Datos extraídos de Scival)*

Publication	Citations
Environmental impact of nanoparticles' application as an emerging technology: A review. Martínez, G., Merinero, M., Pérez-Aranda, M. and 4 more (2021) Materials, 14 (1), pp. 1-26. View in Scopus	21
A retrospective analysis of the impact of the COVID-19 restrictions on energy consumption at a disaggregated level. García, S., Parejo, A., Personal, E. and 3 more (2021) Applied Energy, 287. View in Scopus	21
First- and second-order phase transitions in RE6Co2Ga (RE = Ho, Dy or Gd) cryogenic magnetocaloric materials. Guo, D., Moreno-Ramírez, L.M., Romero-Muñiz, C. and 5 more (2021) Science China Materials, 64 (11), pp. 2846-2857. View in Scopus	18
A rheological approach to 3D printing of plasma protein based doughs. Álvarez-Castillo, E., Oliveira, S., Bengoechea, C. and 3 more (2021) Journal of Food Engineering, 288. View in Scopus	14
Occurrence of pharmaceuticals and their metabolites in sewage sludge and soil: A review on their distribution and environmental risk assessment. Mejías, C., Martín, J., Santos, J.L. and 2 more (2021) Trends in Environmental Analytical Chemistry, 30. View in Scopus	13

TOP 10: AUTORES CON MÁS ARTÍCULOS EN LA MEMORIA 2021 *(Datos extraídos de Scival)*

Name	Scholarly Output	h-index
Guerrero, Antonio	22	34
Beltrán, Ana M.	16	15
Bengoechea, Carlos	14	21
Félix, Manuel	12	16
Torres, Yadir	12	26
Martín, Julia	10	28
Alonso, Esteban	9	33
Pérez-Puyana, Víctor	9	14
Santos, J. L.	9	29
Aparicio, Irene	8	31