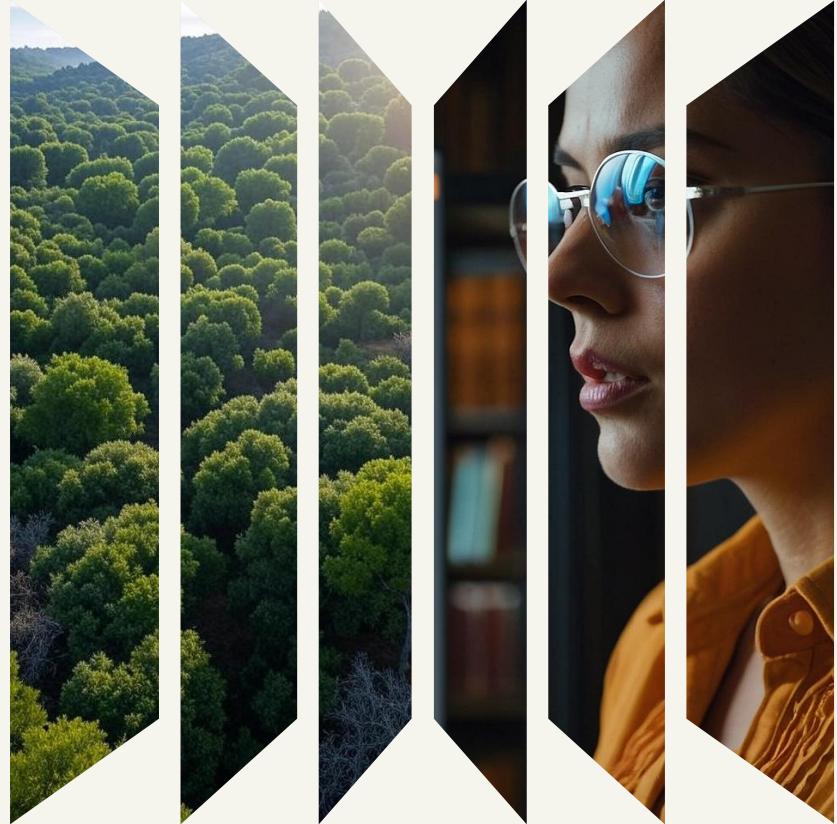


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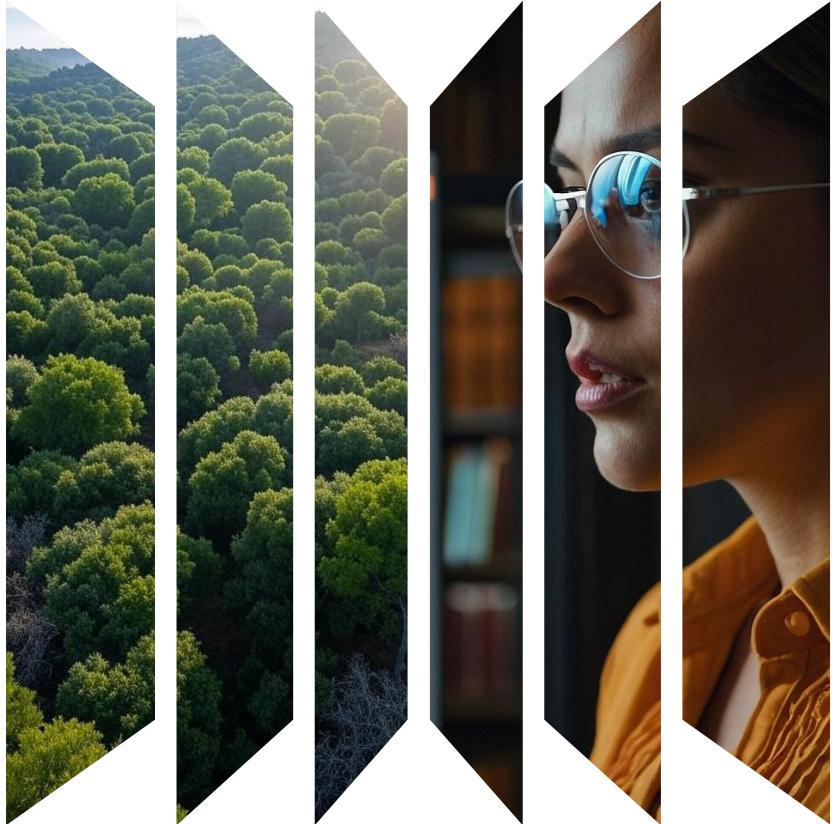
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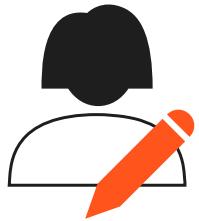
- **Definición:** La **San Francisco Declaration on Research Assessment (DORA)** es una iniciativa internacional lanzada en 2012 que promueve una evaluación responsable de la investigación.
- **Propósito:** Superar la dependencia excesiva de métricas basadas en revistas (*como el Journal Impact Factor*) y fomentar la valoración de la **calidad e impacto** de los resultados científicos en toda su **diversidad**.

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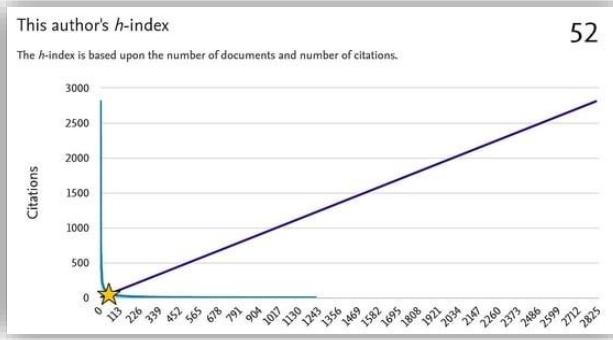


- **Definición:** La **Coalition for Advancing Research Assessment (CoARA)** es una iniciativa internacional creada en 2022 para transformar la evaluación de la investigación en Europa y el mundo.
- **Propósito:** Promover **sistemas de evaluación más cualitativos**, responsables y centrados en el impacto real de la investigación, en lugar de métricas simplistas.
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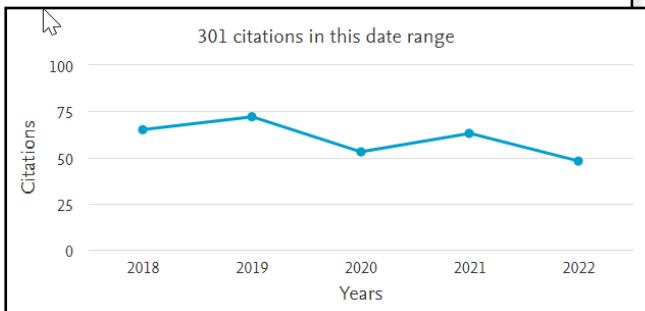
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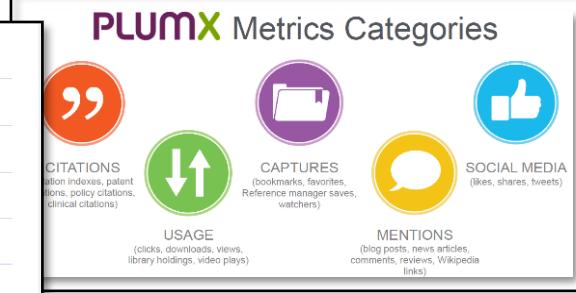


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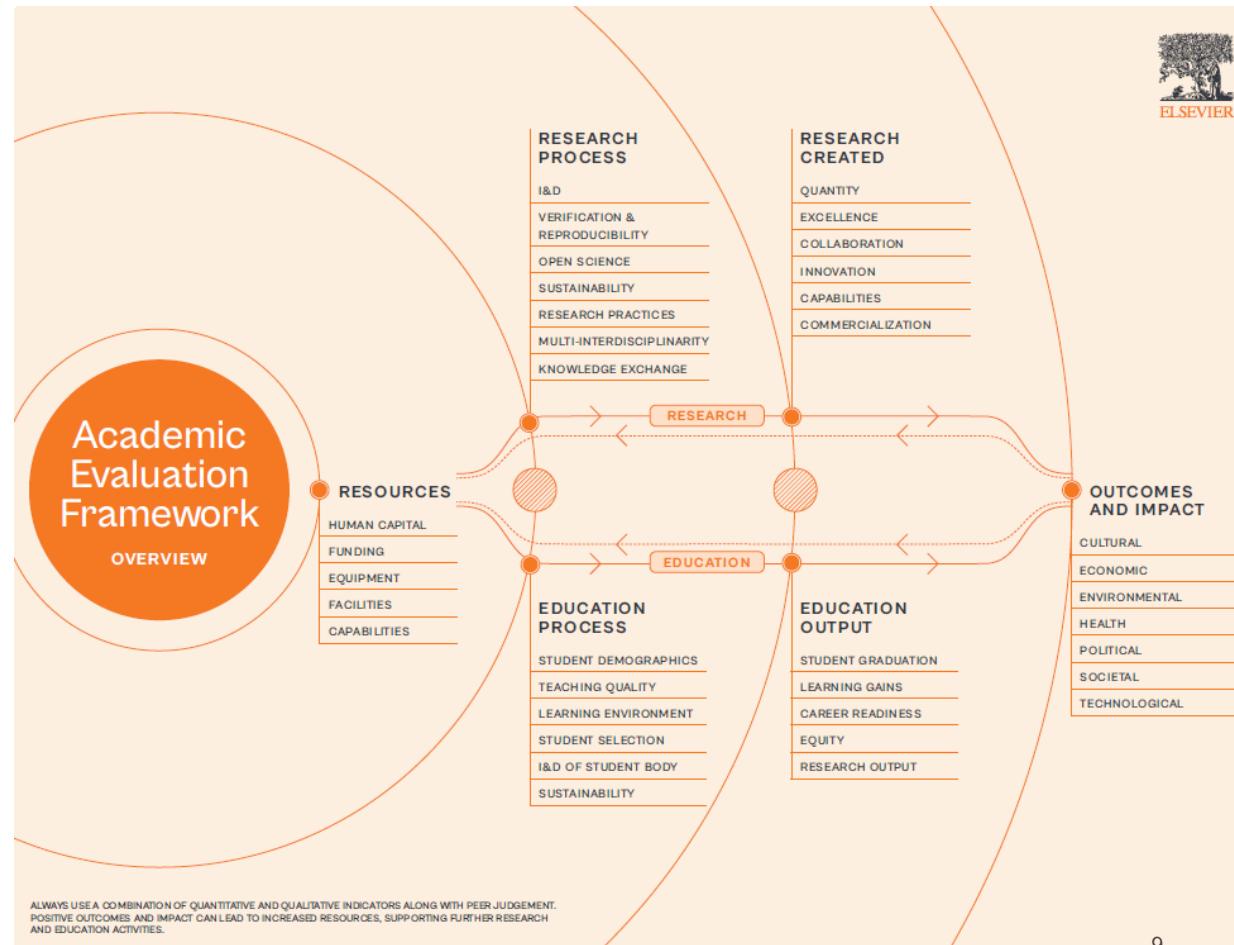


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Evaluación holística e integrada.

Componentes: recursos, procesos, resultados e impacto.

Uso combinado de indicadores cualitativos, cuantitativos y juicio experto.



Las métricas útiles, deben ser:



Complete

Completas, significando que contiene el universo de datos asociados a la investigación de la Institución.

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Correctos, significando que los datos en el Sistema de Información ha pasado por un proceso de verificación después de su colecta.

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Esta métrica es útil para...

Comparar la visibilidad de entidades de tamaño similar y que pertenecen a **disciplinas similares**, como instituciones multidisciplinares con un número similar de personal investigador o redes de colaboración internacional en disciplinas similares.

Proporcionar cifras impresionantes para mostrar el rendimiento de entidades que son grandes en comparación con un grupo de pares, cuando es probable que esta métrica arroje cifras elevadas.

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Semenza, Gregg L.

Johns Hopkins University School of Medicine, Baltimore, United States • Scopus ID: 7103057679 • Connect to ORCID ↗

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Targeting HIF-1 for cancer therapy

[Semenza, G.L.](#)

[Nature Reviews Cancer, 2003, 3\(10\), pp. 721-732](#)

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Article

Hypoxia-inducible factor 1 is a basic-helix-loop-helix-PAS heterodimer regulated by cellular O₂ tension

[Wang, G.L., Jiang, B.-H., Rue, E.A., Semenza, G.L.](#)

[Proceedings of the National Academy of Sciences of the United States of America, 1995, 92\(12\), pp. 5510-5514](#)

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			, 77(5), 100075		
	View at Publisher				
2	Article • Open access HIF-1 promotes murine breast cancer brain metastasis by increasing production of integrin β 3-containing extracellular vesicles	Yang, Y., Chen, C., Lyu, Y., ... Gabrielson, K.L., Semenza, G.L.	Journal of Clinical Investigation	2025	0
			, 135(14), e190470		
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3	Erratum • Open access Retraction: Induction of Hypoxia-inducible Factor 1 Activity by Muscarinic Acetylcholine Receptor Signaling (Journal of Biological Chemistry (2004) 279(40) (41521–41528), (S002192582072613X), (10.1074/jbc.M405164200))	Hirota, K., Fukuda, R., Takabuchi, S., ... Fukuda, K., Semenza, G.L.	Journal of Biological Chemistry	2025	0
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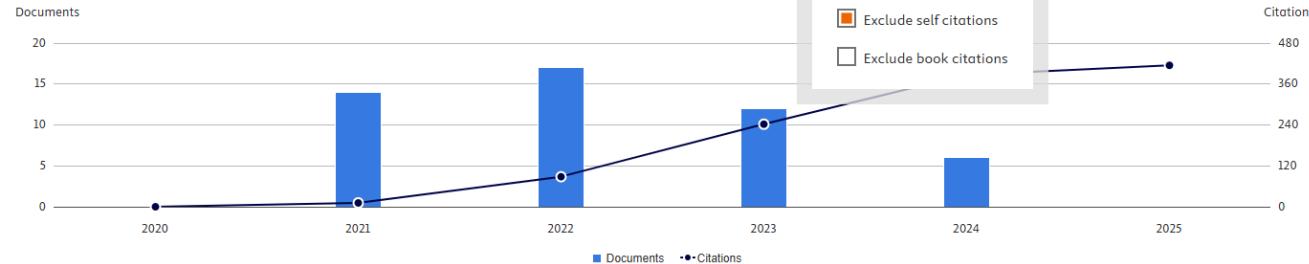
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1 Hypoxia-inducible factors: cancer progression and clinical translation	2022	0	0	0	7	72	152	158	389	1	390
2 HIF-1-regulated expression of calreticulin promotes breast tumorigenesis and progression through Wnt/β-catenin signaling	2021	0	0	1	7	15	25	24	72	2	74
3 HIF inhibitor 32-134D eradicates murine hepatocellular carcinoma in combination with anti-PD1 therapy	2022	0	0	0	5	22	15	26	68	0	68
4 Hypoxia-inducible factor-dependent ADAM12 expression mediates breast cancer invasion and metastasis	2021	0	0	1	11	23	14	18	67	0	67
5 HIF-1 Interacts with TRIM28 and DNA-PK to release paused RNA polymerase II and activate target gene transcription	2022	0	0	0	1	19	18	21	59	0	59
6 HIF-1α and HIF-2α redundantly promote retinal neovascularization in patients with ischemic retinal disease	2021	0	0	0	12	10	19	17	58	0	58
7 Histone citrullination by PADI4 is required for HIF-dependent transcriptional responses to hypoxia and tumor oxygenation	2021	0	0	0	9	10	17	14	50	0	50
8 Hypoxia-induced suppression of alternative splicing of MBD2 promotes breast cancer metastasis via activation of the HIF-1 pathway	2021	0	0	2	12	9	10	11	44	0	44
9 Intratumoral hypoxia and mechanisms of immune evasion mediated by hypoxia-inducible factors	2021	0	0	5	9	8	8	13	43	0	43
10 Regulation of Erythropoiesis by the Hypoxia-Inducible Factor Pathway: Effects of Genetic and Pharmacological Modulators	2023	0	0	0	1	7	18	13	39	0	39
11 HIF-1 recruits NANOG as a coactivator for TERT gene transcription in hypoxic breast cancer stem cells	2021	0	0	0	5	10	12	8	35	1	36
12 Targeting intratumoral hypoxia to enhance anti-tumor immunity	2023	0	0	0	0	0	16	13	29	0	29
13 Hypoxia-inducible factors: roles in cardiovascular disease progression, prevention, and treatment	2023	0	0	0	1	6	8	8	23	0	23
14 Breakthrough science: hypoxia-inducible factors, oxygen sensing, and disorders of hematopoiesis	2022	0	0	0	1	6	6	10	23	0	23
15 NARF is a hypoxia-induced coactivator for OCT4-mediated breast cancer stem cell specification	2022	0	0	0	0	4	10	4	18	1	19



Back

Hypoxia-inducible factors: cancer progression and clinical translation

[Journal of Clinical Investigation](#) • Review • Open Access • 2022 • DOI: 10.1172/JCI159839

Wicks, Elizabeth E.^{a,b}; Semenza, Gregg L.^{a,b,c}

^aDepartment of Genetic Medicine, Johns Hopkins University School of Medicine, Baltimore, MD, United States

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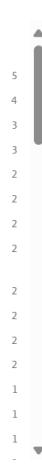
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2 HIF-1 promotes murine breast cancer brain metastasis by increasing production of integrin β3-containing extracellular vesicles Yang, Y., Chen, C., Lyu, Y., ... Gabrielson, K.L., Semenza, G.L. Journal of Clinical Investigation, 135(14), e190470

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H-index

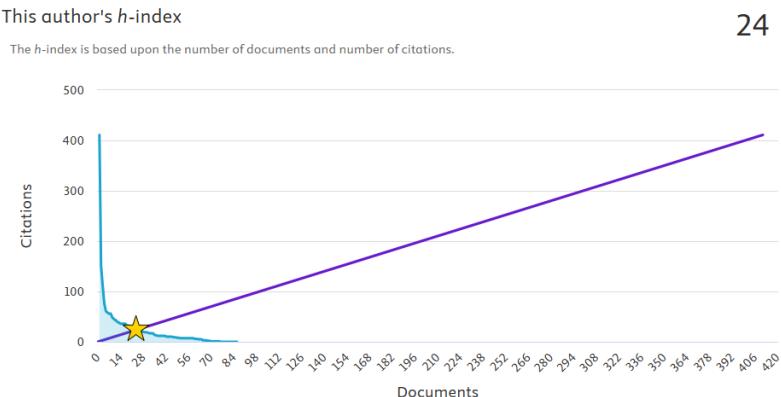
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Field-Weighted Citation Impact (FWCI)

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Native-speakerism and the complexity of personal experience: a duoethnographic study

Cogent Education • Article • Open Access • 2016 • DOI: 10.1080/2331186X.2016.1264171

Lowe, Robert^a ; Kiczkowski, Marek^{b,c}

^aDepartment of English Communication, Tokyo Kasei University, Office 10-404, 1-18-1 Koga, Itabashi, 173-8602, Tokyo, Japan

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Hypoxia-inducible factors: cancer progression and clinical translation

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Increased plastic pollution due to COVID-19 pandemic: Challenges and recommendations

Chemical Engineering Journal • Review • Open Access • 2021 • DOI: 10.1016/j.cej.2020.126683

Patrício Silva, Ana L. ^a; Prata, Joana C. ^b; Walker, Tony R. ^c; Duarte, Armando C. ^b; Ouyang, Wei ^d; +2 authors

^aCentre for Environmental and Marine Studies (CESAM) & Department of Biology, University of Aveiro, Aveiro, 3810-193, Portugal

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January 25, 2022 | Dalhousie News

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Plastics have become a severe transboundary threat to natural ecosystems and human health, with studies predicting a twofold increase in the number of plastic debris (including micro and nano-sized plastics) by 2030. However, such predictions will likely be aggravated by the excessive use and consumption of single-use plastics (including personal protective equipment such as masks and gloves) due to COVID-19 pandemic. This review aimed to provide a comprehensive overview on the effects of COVID-19 on macroplastic pollution and its potential implications on the environment and human health considering short- and long-term sce... Show more

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<http://www.scopus.com/inward/record.url?partnerID=HzOxMe3b&scopusID=85089594038&origin=inward> ;
<http://www.ncbi.nlm.nih.gov/pubmed/32834764> ;
<https://linkinghub.elsevier.com/retrieve/pii/S1385894720328114> ;
<https://doi.org/10.1016/j.cej.2020.126683> ;

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Increased plastic pollution due to COVID-19 pandemic: Challenges and recommendations

Citation Data: Chemical Engineering Journal, ISSN: 1385-8947, Vol: 405, Page: 126683

Publication Year: 2021

850
Citations

1,913
Captures

18
Mentions

115
Social Media

Metric Options: Counts 1 Year 3 Year

This review has 29 Policy Citations.

Trade policies to promote the circular economy: A case study of the plastics value chain ↗

December 11, 2023 | OECD ↗ by Evdokia Moisé, Enrica Tresa

Plastic products present several environmental, health, social and economic challenges that span from the extraction of raw materials to primary and final plastics production, to their distribution and use, and to the collection and sorting of plastic...

Read more ↗

Overton

Global Sustainable Development Report 2023 ↗

September 14, 2023 | UN Department of Economic and Social Affairs ↗
by UN Department of Economic and Social Affairs

"Times of Crisis, Times of Change: Science for Accelerating Transformations to Sustainable Development", the 2023 Global Sustainable Development Report (GSDR), finds that at this critical juncture, midway to 2030, incremental and fragmented change is ...

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Compilation of Information, Best Practices and Lessons Learned on Measures Taken by Key Stakeholders to Prevent and Reduce Single Use Plastic Waste and Packaging Waste ↗

January 1, 2023 | United Nations Environment Programme ↗ by United Nations Environment Programme, Secretariat of the Basel, Rotterdam and Stockholm Conventions, Plastic Waste Partnership

This compilation report provides a global overview of national and subnational policies designed to prevent and reduce single-use plastics, including primary microplastics, and plastic packaging. Plastic packaging other than single-use plastic packag...

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Global sustainable development report : 2023 ↗

January 1, 2023 | United Nations ↗ by United Nations

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COVID-19 and the environment : links, impacts and lessons learned. ↗

August 4, 2022 | Publications Office of the European Union ↗ by Directorate-General for Environment (European Commission)

Introduction Since early 2020, the disease caused by the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), known as COVID-19 (first detected at the end of 2019), has hit societies

COVID-19 and the environment - Publications Office of the EU ↗

August 4, 2022 | Publications Office of the European Union ↗ by Directorate-General for Environment (European Commission)

Introduction Since early 2020, the disease caused by the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), known as COVID-19 (first detected at the end of 2019), has hit societies

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Publication Year: 2021

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Filter by Language Edition

Language Edition	Count
All	10
Chinese	1
English	3
German	1
Italian	1
Japanese	1
Portuguese	2
Ukrainian	1

News Mentions

This review has 10 Wikipedia references across 7 language editions.

[Impact of the COVID-19 pandemic on the environment ↗](#)
August 26, 2025 | English
The COVID-19 pandemic has had an impact on the environment, with changes in human activity leading to temporary changes in air pollution, greenhouse gas emissions and water quality. As the pandemic became a global health crisis in early 2020, various...
[Read full article ↗](#)

[Plastic pollution ↗](#)
August 25, 2025 | English
Plastic pollution is the accumulation of plastic objects and particles (e.g. plastic bottles, bags and microbeads) in the Earth's environment that adversely affects humans, wildlife and their habitat. Plastics that act as pollutants are categorized by...
[Read full article ↗](#)

[NO2\]\] на початку 2019 року \(зверху\) і на початку 2020 року \(внизу 11 березня 2020 року спалах COVID-19 \(до цього відомої як тяжкий респіраторний синдром\) був проголошений ВООЗ пандемією. На 5 липня 2020 року випадки коронавірусної хвороби зареєстрована...](#)
August 18, 2025 | Ukrainian
[Read full article ↗](#)

[Umweltverschmutzung durch Plastik ↗](#)
August 5, 2025 | German
Utrecht University[] über Verschmutzung der Umwelt durch Plastik. Als Umweltverschmutzung durch Plastik wird die durch menschliches Entsorgungs-Fehlerverhalten verursachte Deplatzierung von Objekten aus Plastik in der Umwelt bezeichnet. Sie entsteht, w...
[Read full article ↗](#)

[プラスチック汚染 ↗](#)
August 1, 2025 | Japanese
プラスチック汚染（プラスチックおせん）は、適切に処理されなかったプラスチックゴミが河川や海へ流出し、海洋や自然環境に影響を与えるものであり
https://www.kokusen.go.jp/wko/pdf/wko-202102_07.pdf 国民生活センター、人間、野生生物、およびその生息地に地球環境に悪影響を及ぼすプラスチック製品やその破片（例：プラスチックボトル、袋、マイクロビーズなど）が蓄積することをいう。プラスチックは安価で耐久性があり、さまざまな用途に適しているため、あらゆる商品の...

Divulgación social del conocimiento – multiples lenguas

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Divulgación social del conocimiento – medios de comunicación

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Publication Year: 2021

850

Citations

1,913

Captures

18

Mentions

115

Social Media

Metric Options: Counts 1 Year 3 Year

This review has 7 News mentions across 5 URLs.

Ask an expert: Tony Walker on how COVID has made the fight against plastic pollution even tougher ↗

January 25, 2022 | Dalhousie News ↗

It's an all-too common sight these days: a single-use face mask tumbling across a parking lot, squashed in a snowbank or floating in a puddle.

[Read full article ↗](#)

Single-use plastics have boomed during COVID-19. Joana Correia Prata wants to reverse the trend ↗

July 26, 2021 | Chemical & Engineering News ↗

University of Aveiro microplastics researcher and veterinarian recommends policy priorities for dealing with plastic waste

[Read full article ↗](#)

The Status of COVID-19 and Plastic Waste in Los Angeles and What is Needed to Move Towards a Circular Plastic Economy ↗

July 1, 2021 | WasteAdvantage ↗

Though single-use plastics have been arguably necessary to combat the pandemic, it is important that hard-won progress toward a circular plastics economy is not reversed.

[Read full article ↗](#)

Electrical tuning of optically active interlayer excitons in bilayer MoS₂ ↗

June 3, 2021 | Zephyrnet.com ↗

1.

Liu, C. et al. Research and development on therapeutic agents and vaccines for COVID-19 and related human coronavirus diseases. ACS Cent. Sci. 6,

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Electrical tuning of optically active interlayer excitons in bilayer MoS₂ ↗

June 3, 2021 | Zephyrnet.com ↗

1.

Liu, C. et al. Research and development on therapeutic agents and vaccines for COVID-19 and related human coronavirus diseases. ACS Cent. Sci. 6,

[Read full article ↗](#)

Plastic pollution is an environmental injustice to vulnerable communities – new report ↗

April 9, 2021 | UNEP - UN Environment Programme ↗

Nairobi, 30 March 2021 — Plastic pollution disproportionately affects marginalized communities and communities living in close proximity to plastic production and waste sites, constituting an

[Read full article ↗](#)

Reusing, recycling, rethinking ↗

December 10, 2020 | Washington Post ↗



Scopus – Impact (ODS + FWCI + Top publications)

Semenza, Gregg L.

Johns Hopkins University School of Medicine, Baltimore, United States • Scopus ID: 7103057679 • [Connect to ORCID](#)

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141,864
Citations by 75,148 documents
507 Documents
181 h-index

Documents (507) Impact Cited by (75,148) Preprints (4) Co-authors (3,985) Topics (20) Awarded grant:

Impact provides insight into the scholarly output of an author, helping researchers gauge their influence. Using comprehensive citation data from the last 10 years, Scopus allows authors to track and showcase the reach and significance of their research among the global scientific community. [Learn more](#)

Sustainable Development Goals

Goal 3: Good health and well-being
306 documents

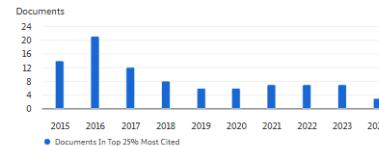
Goal 9: Industry, innovation and infrastructure
1 document

Documents in top citation percentiles

70.5% (91 documents)

Percent of documents in the top 25% most cited documents worldwide

Analyze publications in SciVal



Documents in top 25% journals by

Semenza, Gregg L.

CiteScore percentile



Documents and Field-Weighted Citation Impact

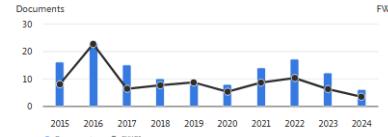
3.06

FWCI

Note: Highly cited publications for entities with a small scholarly output may skew the FWCI. This metric should be used with care when assessing performance.

Analyze author output

Analyze citation in SciVal



Medidas de Posición Relativa

Se llaman en general **cuantiles** y se pueden clasificar en **cuatro grandes grupos**: cuartiles, quintiles, deciles, percentiles.

Las medidas de posición como los **cuartiles**, **quintiles**, **deciles** y **percentiles** dividen una **DISTRIBUCIÓN ORDENADA** en partes iguales.

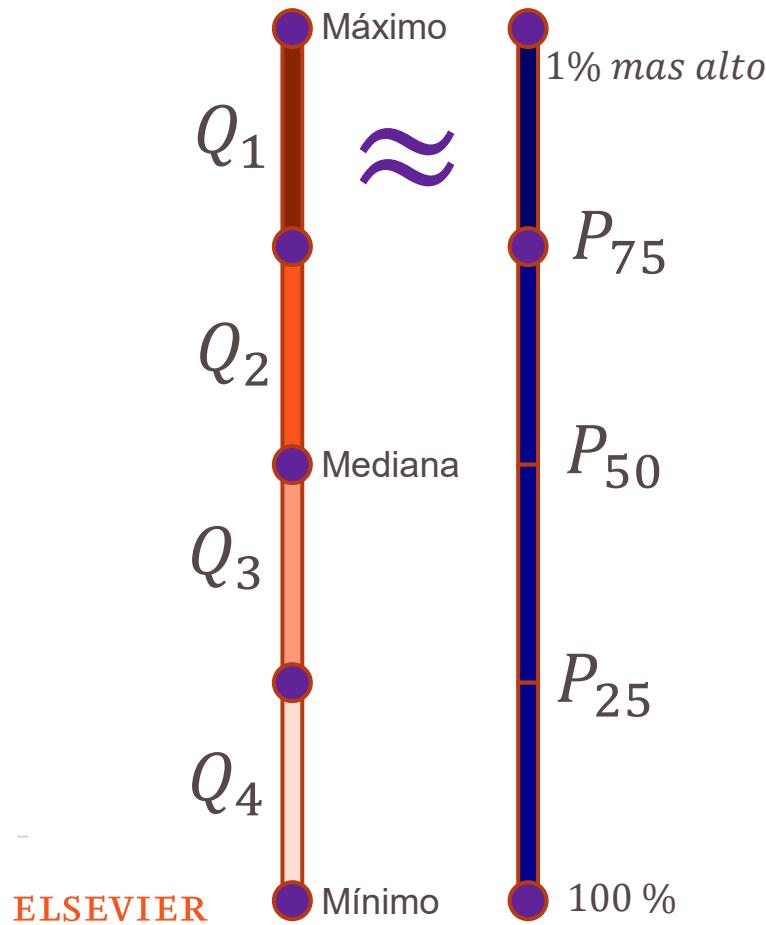
Para calcular las medidas de posición es necesario que los datos estén ordenados.



[The Law of the Geometric Mean, Donald McAlister. Proceedings of the Royal Society of London, Volume 29, pp. 367-376](#)

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1879 por [Donald McAlister](#)



Revista con puntaje más alto en un ranking (CiteScore, SJR, FI)



Cuartiles

ATENCIÓN: Cuando se refiera a la métrica de cuartil, **SIEMPRE** indique el **ranking** sobre el cual se calculó.

Ej;

- Q_1 de Scimago,
- Q_3 CiteScore

Revista con puntaje más bajo en un ranking (CiteScore, SJR, FI)

Por definición, jamás podrán estar todas las revistas en el primer cuartil.

CiteScore

CiteScore detalla el *impacto* de una revista en las publicaciones seriadas.



CiteScore calcula el número promedio de citas recibidas en 4 años a 5 tipos de documentos revisados por pares (artículos de investigación, artículos de revisión, *proceedings* de conferencias, artículos de datos y capítulos de libros) publicados en una revista en los mismos cuatro años.

CiteScore: La media de citas por documento que un título recibe en un período de **cuatro** años

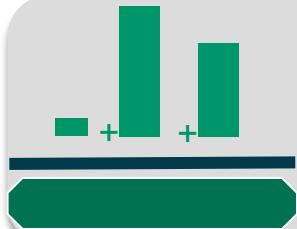


SNIP - Source Normalized Impact per Paper

- El SNIP mide el *impacto* de las **citaciones contextuales** de una revista mediante la **ponderación de las citaciones basadas en el número total de citaciones en un área temática**. Ayuda a hacer una comparación directa de las fuentes en diferentes áreas temáticas.

El SNIP tiene en cuenta las características del área temática de la revista, que es el conjunto de documentos que citan esa revista. El SNIP considera especialmente:

- La frecuencia** con la que los autores citan otros documentos en sus listas de referencia
- La velocidad de maduración** del impacto de la citación
- La medida en que la base de datos utilizada en la evaluación cubre la literatura del campo



Impacto por
Publicación 3 años
(IPP)
Potencial de citación
en su área temática



SNIP (Source-normalized impact per paper): mide el impacto de la cita por publicación ponderando las citas por área de conocimiento

SJR - Scimago Journal Ranking

El SJR pondera por el prestigio de una revista. El área temática, la calidad y la reputación de la revista tienen un efecto directo en el valor de una cita.

El **prestigio** de una fuente para un año en particular se comparte por igual entre todas las citas que hace en ese año; esto es importante porque corrige el hecho de que los recuentos de citas típicas varían mucho entre diferentes "áreas temáticas".

El SJR de una fuente en un área con **alta** probabilidad de ser citada **se comparte entre muchas citaciones**, por lo que cada cita vale relativamente **poco**.

El SJR de una fuente en un área con **baja** probabilidad de ser citada **se comparte entre pocas citas**, por lo que cada cita vale relativamente **mucho**.

El resultado es igualar las diferencias en la práctica de las citas entre los áreas temáticas **y facilitar las comparaciones directas entre las revistas**.

CiteScore 2024

1154.2

i

SJR 2024

145.004

i

SNIP 2024

201.167

i

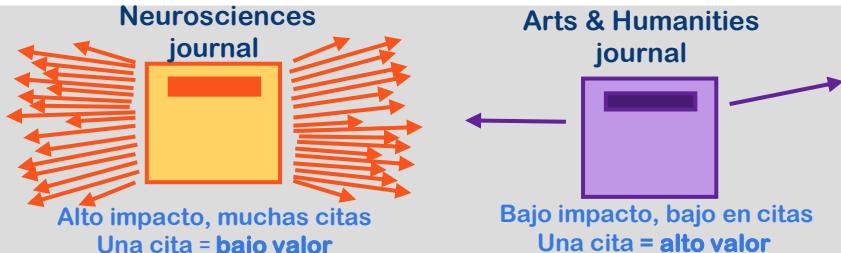
El SJR **asigna puntuaciones relativas a todas las fuentes de una red de citaciones**. Su metodología se inspira en el algoritmo **PageRank de Google**, en el sentido de que **no todas las citas son iguales**.

Una fuente transfiere su propio "prestigio", o estatus, a otra fuente a través del acto de citarla.

Una cita de una fuente con un SJR relativamente alto vale más que una cita de una fuente con un SJR más bajo.



SJR (Scimago Journal Rank): La cita es ponderada dependiendo de qué área de conocimiento viene



Conteo de Citaciones



Source details

Annals of Internal Medicine

Years currently covered by Scopus: from 1945 to 2025

Publisher: American College of Physicians

ISSN: 0003-4819 E-ISSN: 1539-3704

Subject area: Medicine: Internal Medicine

Source type: Journal

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Zeitschriften bib More >

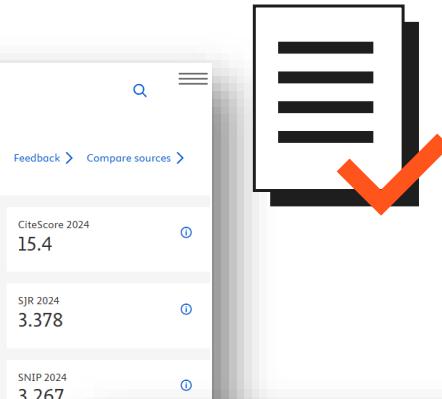
CiteScore CiteScore rank & trend Scopus content coverage

CiteScore 2024
15.4 = 18,348 Citations 2021 - 2024
1,191 Documents 2021 - 2024
Calculated on 05 May, 2025

CiteScoreTracker 2025
11.2 = 12,719 Citations to date
1,135 Documents to date
Last updated on 05 September, 2025 • Updated monthly



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Scopus

Back

PRISMA extension for scoping reviews (PRISMA-ScR): Checklist and explanation

[Annals of Internal Medicine](#) • Review • Open Access • 2018 •

DOI: 10.7326/M18-0850

Tricco, Andrea C.^{a,b} ; Lillie, Erin^a; Zarin, Wasifa^a; O'Brien, Kelly K.^b; Colquhoun, Heather^w; +23 authors

^a Knowledge Translation Program, Li Ka Shing Knowledge Institute, St. Michael's Hospital, 209 Victoria Street, East Building, Toronto, M5B 1W8, ON, Canada

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24,350 99th percentile
Citations

133.18
FWCI

Gracias

