

Rodrigo Costas

List of Publications by Citations

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

85
papers

3,056
citations

28
h-index

54
g-index

98
ext. papers

3,834
ext. citations

3.4
avg, IF

6.09
L-index

#	Paper	IF	Citations
85	Do altmetrics correlate with citations? Extensive comparison of altmetric indicators with citations from a multidisciplinary perspective. <i>Journal of the Association for Information Science and Technology</i> , 2015 , 66, 2003-2019	2.7	355
84	The h-index: Advantages, limitations and its relation with other bibliometric indicators at the micro level. <i>Journal of Informetrics</i> , 2007 , 1, 193-203	3.1	268
83	How well developed are altmetrics? A cross-disciplinary analysis of the presence of alternative metrics in scientific publications. <i>Scientometrics</i> , 2014 , 101, 1491-1513	3	236
82	Characterizing social media metrics of scholarly papers: the effect of document properties and collaboration patterns. <i>PLoS ONE</i> , 2015 , 10, e0120495	3.7	199
81	Meta-assessment of bias in science. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 3714-3719	11.5	158
80	Misconduct Policies, Academic Culture and Career Stage, Not Gender or Pressures to Publish, Affect Scientific Integrity. <i>PLoS ONE</i> , 2015 , 10, e0127556	3.7	108
79	Self-citations at the meso and individual levels: effects of different calculation methods. <i>Scientometrics</i> , 2010 , 82, 517-537	3	85
78	Is g-index better than h-index? An exploratory study at the individual level. <i>Scientometrics</i> , 2008 , 77, 267-288	3.8	81
77	F1000 Recommendations as a Potential New Data Source for Research Evaluation: A Comparison With Citations. <i>Journal of the Association for Information Science and Technology</i> , 2014 , 65, 433-445	2.7	76
76	Scientists have most impact when they're free to move. <i>Nature</i> , 2017 , 550, 29-31	50.4	75
75	Do age and professional rank influence the order of authorship in scientific publications? Some evidence from a micro-level perspective. <i>Scientometrics</i> , 2011 , 88, 145-161	3	72
74	New data, new possibilities: exploring the insides of Altmetric.com. <i>Profesional De La Informacion</i> , 2014 , 23, 359-366	3.7	66
73	The unbearable emptiness of tweeting-About journal articles. <i>PLoS ONE</i> , 2017 , 12, e0183551	3.7	62
72	Is scientific literature subject to a 'Bell-By-Date'? A general methodology to analyze the 'durability' of scientific documents. <i>Journal of the Association for Information Science and Technology</i> , 2010 , 61, 329-339	3.7	61
71	Using Google Scholar in research evaluation of humanities and social science programs: A comparison with Web of Science data. <i>Research Evaluation</i> , 2016 , 25, 264-270	1.7	59
70	Approaching the 'award triangle'—General analysis of the presence of funding acknowledgments and peer interactive communication in scientific publications. <i>Journal of the Association for Information Science and Technology</i> , 2012 , 63, 1647-1661	3.7	55
69	General discussion of data quality challenges in social media metrics: Extensive comparison of four major altmetric data aggregators. <i>PLoS ONE</i> , 2018 , 13, e0197326	3.7	52

68	Characterization, description, and considerations for the use of funding acknowledgement data in Web of Science. <i>Scientometrics</i> , 2016 , 108, 167-182	3	51
67	The skewness of scientific productivity. <i>Journal of Informetrics</i> , 2014 , 8, 917-934	3.1	49
66	The thematic orientation of publications mentioned on social media. <i>Aslib Journal of Information Management</i> , 2015 , 67, 260-288	1.5	47
65	Evidence of open access of scientific publications in Google Scholar: A large-scale analysis. <i>Journal of Informetrics</i> , 2018 , 12, 819-841	3.1	47
64	How Many Is Too Many? On the Relationship between Research Productivity and Impact. <i>PLoS ONE</i> , 2016 , 11, e0162709	3.7	41
63	Interpreting Altmetrics' Viewing Acts on Social Media through the Lens of Citation and Social Theories 2016 , 372-406		33
62	The many faces of mobility: Using bibliometric data to measure the movement of scientists. <i>Journal of Informetrics</i> , 2019 , 13, 50-63	3.1	33
61	Authorship, citations, acknowledgments and visibility in social media: Symbolic capital in the multifaceted reward system of science. <i>Social Science Information</i> , 2018 , 57, 223-248	0.6	31
60	The "Mendel syndrome" in science: durability of scientific literature and its effects on bibliometric analysis of individual scientists. <i>Scientometrics</i> , 2011 , 89, 177-205	3	30
59	Towards a second generation of 'social media metrics': Characterizing Twitter communities of attention around science. <i>PLoS ONE</i> , 2019 , 14, e0216408	3.7	29
58	Heterogeneity of collaboration and its relationship with research impact in a biomedical field. <i>Scientometrics</i> , 2013 , 96, 443-466	3	29
57	Mendeley readership as a filtering tool to identify highly cited publications. <i>Journal of the Association for Information Science and Technology</i> , 2017 , 68, 2511-2521	2.7	28
56	A scientometric overview of COVID-19. <i>PLoS ONE</i> , 2021 , 16, e0244839	3.7	27
55	Studying the accumulation velocity of altmetric data tracked by Altmetric.com. <i>Scientometrics</i> , 2020 , 123, 1077-1101	3	25
54	A Global Comparison of Scientific Mobility and Collaboration According to National Scientific Capacities. <i>Frontiers in Research Metrics and Analytics</i> , 2018 , 3,	1.3	23
53	Scaling rules in the science system: Influence of field-specific citation characteristics on the impact of individual researchers. <i>Journal of the Association for Information Science and Technology</i> , 2009 , 60, 740-753		23
52	Open Access uptake by universities worldwide. <i>PeerJ</i> , 2020 , 8, e9410	3.1	23
51	Bibliometric indicators at the micro-level: some results in the area of natural resources at the Spanish CSIC. <i>Research Evaluation</i> , 2005 , 14, 110-120	1.7	20

50	Referencing patterns of individual researchers: Do top scientists rely on more extensive information sources?. <i>Journal of the Association for Information Science and Technology</i> , 2012 , 63, 2433-2450		19
49	The role of editorial material in bibliometric research performance assessments. <i>Scientometrics</i> , 2013 , 95, 817-828	3	19
48	Social Media Metrics for New Research Evaluation. <i>Springer Handbooks</i> , 2019 , 687-713	1.3	19
47	A bibliometric classificatory approach for the study and assessment of research performance at the individual level: The effects of age on productivity and impact. <i>Journal of the Association for Information Science and Technology</i> , 2010 , 61, n/a-n/a		18
46	Travel bans and scientific mobility: utility of asymmetry and affinity indexes to inform science policy. <i>Scientometrics</i> , 2018 , 116, 569-590	3	17
45	Reflections around 'the cautionary use' of the h-index: response to Teixeira da Silva and Dobr�szki. <i>Scientometrics</i> , 2018 , 115, 1125-1130	3	17
44	Testing Hypotheses on Risk Factors for Scientific Misconduct via Matched-Control Analysis of Papers Containing Problematic Image Duplications. <i>Science and Engineering Ethics</i> , 2019 , 25, 771-789	3.1	17
43	'Seed' + 'expand': a general methodology for detecting publication oeuvres of individual researchers. <i>Scientometrics</i> , 2014 , 101, 1403-1417	3	16
42	Incorporating data sharing to the reward system of science. <i>Aslib Journal of Information Management</i> , 2017 , 69, 545-556	1.5	15
41	Variations in content and format of ISI databases in their different versions: The case of the Science Citation Index in CD-ROM and the Web of Science. <i>Scientometrics</i> , 2007 , 72, 167-183	3	15
40	Identifying potential Breakthrough publications using refined citation analyses: Three related explorative approaches. <i>Journal of the Association for Information Science and Technology</i> , 2017 , 68, 709-723	2.7	14
39	Beyond Funding: Acknowledgement patterns in biomedical, natural and social sciences. <i>PLoS ONE</i> , 2017 , 12, e0185578	3.7	14
38	A scientometric overview of COVID-19		14
37	DataCite as a novel bibliometric source: Coverage, strengths and limitations. <i>Journal of Informetrics</i> , 2017 , 11, 841-854	3.1	13
36	Predicting the age of researchers using bibliometric data. <i>Journal of Informetrics</i> , 2017 , 11, 713-729	3.1	12
35	Link-based approach to study scientific software usage: the case of VOSviewer. <i>Scientometrics</i> , 2021 , 126, 8153-8186	3	12
34	Una visi� cr�tica del �ndice h: algunas consideraciones derivadas de su aplicaci� pr�ctica. <i>Profesional De La Informacion</i> , 2007 , 16, 427-432	3.7	11
33	Getting to Know Science Tweeters: A Pilot Analysis of South African Twitter Users Tweeting about Research Articles. <i>Journal of Altmetrics</i> , 2019 , 2, 2	2.9	10

32	Unravelling the performance of individual scholars: Use of Canonical Biplot analysis to explore the performance of scientists by academic rank and scientific field. <i>Journal of Informetrics</i> , 2015 , 9, 722-733	3.1	9
31	An extensive analysis of the presence of altmetric data for Web of Science publications across subject fields and research topics. <i>Scientometrics</i> , 2020 , 124, 1-31	3	9
30	Effects of the durability of scientific literature at the group level: Case study of chemistry research groups in the Netherlands. <i>Research Policy</i> , 2013 , 42, 886-894	7.5	9
29	How do academic topics shift across altmetric sources? A case study of the research area of Big Data. <i>Scientometrics</i> , 2020 , 123, 909-943	3	8
28	Some Limitations of the H Index: A Commentary on Ruscio and Colleagues' Analysis of Bibliometric Indices. <i>Measurement</i> , 2012 , 10, 172-175	1.3	8
27	Communities of shared interests and cognitive bridges: the case of the anti-vaccination movement on Twitter. <i>Scientometrics</i> , 2020 , 125, 1499-1516	3	7
26	Individual and field citation distributions in 29 broad scientific fields. <i>Journal of Informetrics</i> , 2018 , 12, 868-892	3.1	7
25	Task specialization across research careers. <i>ELife</i> , 2020 , 9,	8.9	7
24	The stability of Twitter metrics: A study on unavailable Twitter mentions of scientific publications. <i>Journal of the Association for Information Science and Technology</i> , 2020 , 71, 1455-1469	2.7	5
23	On the quest for currencies of science. <i>Aslib Journal of Information Management</i> , 2017 , 69, 557-575	1.5	5
22	Large-scale identification and characterization of scholars on Twitter. <i>Quantitative Science Studies</i> , 2020 , 1-21	3.8	5
21	Heterogeneous couplings—Operationalizing network perspectives to study science-society interactions through social media metrics. <i>Journal of the Association for Information Science and Technology</i> , 2021 , 72, 595-610	2.7	5
20	Mapping the Evolution of Intellectual Structure in Information Management Using Author Co-citation Analysis. <i>Mobile Networks and Applications</i> , 2019 , 1	2.9	4
19	How is credit given to networking centres in their publications? A case study of the Spanish CIBER research structures. <i>Scientometrics</i> , 2015 , 103, 923-938	3	4
18	Why do scientists fabricate and falsify data? A matched-control analysis of papers containing problematic image duplications		4
17	Authorship, Patents, Citations, Acknowledgments, Tweets, Reader Counts and the Multifaceted Reward System of Science. <i>Proceedings of the Association for Information Science and Technology</i> , 2015 , 52, 1-4	0.4	3
16	Overlapping and singularity of MEDLINE, WoS and IME for the analysis of the scientific activity of a region in Health Sciences. <i>Revista Espanola De Documentacion Cientifica</i> , 2008 , 31,	0.7	3
15	Unbundling Open Access dimensions: a conceptual discussion to reduce terminology inconsistencies		2

14	Scientific mobility indicators in practice: International mobility profiles at the country level. <i>Profesional De La Informacion</i> , 2018 , 27, 511	3.7	2
13	Development of a thematic filter for the bibliometric delimitation on interdisciplinary area: the case of Marine Science. <i>Revista Espanola De Documentacion Cientifica</i> , 2008 , 31,	0.7	2
12	A Comparison of the Citing, Publishing, and Tweeting Activity of Scholars on Web of Science 2020 , 261-285		2
11	Unveiling the Research Landscape of Sustainable Development Goals and Their Inclusion in Higher Education Institutions and Research Centers: Major Trends in 2000-2017. <i>Frontiers in Sustainability</i> , 2021 , 2,	2.1	2
10	Terminological (di) Similarities between Information Management and Knowledge Management: a Term Co-Occurrence Analysis. <i>Mobile Networks and Applications</i> , 2021 , 26, 336-346	2.9	2
9	An agenda-setting paper on data sharing platforms: euCanSHare workshop. <i>Open Research Europe</i> , 1, 80		1
8	Analyzing scientific mobility and collaboration in the Middle East and North Africa. <i>Quantitative Science Studies</i> , 1-25	3.8	1
7	How is science clicked on Twitter? Click metrics for Bitly short links to scientific publications. <i>Journal of the Association for Information Science and Technology</i> , 2021 , 72, 918-932	2.7	1
6	The Role of Scientific Output in Public Debates in Times of Crisis: A Case Study of the Reopening of Schools During the COVID-19 Pandemic. <i>Risk, Systems and Decisions</i> , 2021 , 307-329	0.7	0
5	Mapping the field of physical therapy and identification of the leading active producers. A bibliometric analysis of the period 2000- 2018.. <i>Physiotherapy Theory and Practice</i> , 2022 , 1-13	1.5	0
4	Do Online Readerships Offer Useful Assessment Tools? Discussion Around the Practical Applications of Mendeley Readership for Scholarly Assessment. <i>Scholarly Assessment Reports</i> , 2020 , 2, 14	1.5	
3	Studying the characteristics of scientific communities using individual-level bibliometrics: the case of Big Data research. <i>Scientometrics</i> , 2021 , 126, 6965-6987	3	
2	Exploring the relevance of ORCID as a source of study of data sharing activities at the individual-level: a methodological discussion. <i>Scientometrics</i> , 2021 , 126, 7149-7165	3	
1	WeChat uptake of chinese scholarly journals: an analysis of CSSCI-indexed journals. <i>Scientometrics</i> , 1	3	