Rodrigo Costas

List of Publications by Year in descending order

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86 papers	4,600 citations	136885 32 h-index	114418 63 g-index
98 all docs	98 docs citations	98 times ranked	3553 citing authors

#	Article	IF	Citations
1	Do â€œaltmetricsâ€•correlate with citations? Extensive comparison of altmetric indicators with citations from a multidisciplinary perspective. Journal of the Association for Information Science and Technology, 2015, 66, 2003-2019.	1.5	487
2	The h-index: Advantages, limitations and its relation with other bibliometric indicators at the micro level. Journal of Informetrics, 2007, 1, 193-203.	1.4	345
3	How well developed are altmetrics? A cross-disciplinary analysis of the presence of â€˜alternative metricsâ€™ in scientific publications. Scientometrics, 2014, 101, 1491-1513.	1.6	290
4	Characterizing Social Media Metrics of Scholarly Papers: The Effect of Document Properties and Collaboration Patterns. PLoS ONE, 2015, 10, e0120495.	1.1	279
5	Meta-assessment of bias in science. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3714-3719.	3.3	238
6	Misconduct Policies, Academic Culture and Career Stage, Not Gender or Pressures to Publish, Affect Scientific Integrity. PLoS ONE, 2015, 10, e0127556.	1.1	164
7	Is g-index better than h-index? An exploratory study at the individual level. Scientometrics, 2008, 77, 267-288.	1.6	120
8	Scientists have most impact when they're free to move. Nature, 2017, 550, 29-31.	13.7	120
9	Self-citations at the meso and individual levels: effects of different calculation methods. Scientometrics, 2010, 82, 517-537.	1.6	105
10	<scp>F</scp>1000 Recommendations as a Potential New Data Source for Research Evaluation: A Comparison With Citations. Journal of the Association for Information Science and Technology, 2014, 65, 433-445.	1.5	101
11	Do age and professional rank influence the order of authorship in scientific publications? Some evidence from a micro-level perspective. Scientometrics, 2011, 88, 145-161.	1.6	99
12	New data, new possibilities: exploring the insides of <i>Altmetric.com</i>. Profesional De La Informacion, 2014, 23, 359-366.	2.7	92
13	The unbearable emptiness of tweetingâ€”About journal articles. PLoS ONE, 2017, 12, e0183551.	1.1	88
14	Approaching the â€œreward triangleâ€• General analysis of the presence of funding acknowledgments and â€œpeer interactive communicationâ€•in scientific publications. Journal of the Association for Information Science and Technology, 2012, 63, 1647-1661.	2.6	81
15	Characterization, description, and considerations for the use of funding acknowledgement data in Web of Science. Scientometrics, 2016, 108, 167-182.	1.6	80
16	Is scientific literature subject to a â€˜Sellâ€Byâ€Dateâ€™? A general methodology to analyze the â€˜durabilityâ€™ of scientific documents. Journal of the Association for Information Science and Technology, 2010, 61, 329-339.	2.6	77
17	Using Google Scholar in research evaluation of humanities and social science programs: A comparison with Web of Science data. Research Evaluation, 2016, 25, 264-270.	1.3	77
18	General discussion of data quality challenges in social media metrics: Extensive comparison of four major altmetric data aggregators. PLoS ONE, 2018, 13, e0197326.	1.1	76

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19	Evidence of open access of scientific publications in Google Scholar: A large-scale analysis. Journal of Informetrics, 2018, 12, 819-841.	1.4	74
20	The many faces of mobility: Using bibliometric data to measure the movement of scientists. Journal of Informetrics, 2019, 13, 50-63.	1.4	68
21	The thematic orientation of publications mentioned on social media. Aslib Journal of Information Management, 2015, 67, 260-288.	1.3	67
22	How Many Is Too Many? On the Relationship between Research Productivity and Impact. PLoS ONE, 2016, 11, e0162709.	1.1	64
23	The skewness of scientific productivity. Journal of Informetrics, 2014, 8, 917-934.	1.4	61
24	Authorship, citations, acknowledgments and visibility in social media: Symbolic capital in the multifaceted reward system of science. Social Science Information, 2018, 57, 223-248.	1.1	59
25	Towards a second generation of â€˜social media metricsâ€™: Characterizing Twitter communities of attention around science. PLoS ONE, 2019, 14, e0216408.	1.1	54
26	A scientometric overview of CORD-19. PLoS ONE, 2021, 16, e0244839.	1.1	51
27	Interpreting â€˜Altmetricsâ€™: Viewing Acts on Social Media through the Lens of Citation and Social Theories. , 2016, , 372-406.		49
28	A bibliometric classificatory approach for the study and assessment of research performance at the individual level: The effects of age on productivity and impact. Journal of the Association for Information Science and Technology, 2010, 61, 1564-1581.	2.6	48
29	Studying the accumulation velocity of altmetric data tracked by Altmetric.com. Scientometrics, 2020, 123, 1077-1101.	1.6	48
30	A Global Comparison of Scientific Mobility and Collaboration According to National Scientific Capacities. Frontiers in Research Metrics and Analytics, 2018, 3, .	0.9	46
31	Link-based approach to study scientific software usage: the case of VOSviewer. Scientometrics, 2021, 126, 8153-8186.	1.6	45
32	Mendeley readership as a filtering tool to identify highly cited publications. Journal of the Association for Information Science and Technology, 2017, 68, 2511-2521.	1.5	43
33	Open Access uptake by universities worldwide. PeerJ, 2020, 8, e9410.	0.9	43
34	Heterogeneity of collaboration and its relationship with research impact in a biomedical field. Scientometrics, 2013, 96, 443-466.	1.6	39
35	The â€œMendel syndromeâ€•in science: durability of scientific literature and its effects on bibliometric analysis of individual scientists. Scientometrics, 2011, 89, 177-205.	1.6	35
36	An extensive analysis of the presence of altmetric data for Web of Science publications across subject fields and research topics. Scientometrics, 2020, 124, 2519-2549.	1.6	34

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37	Social Media Metrics for New Research Evaluation. Springer Handbooks, 2019, , 687-713.	0.3	34
38	Beyond funding: Acknowledgement patterns in biomedical, natural and social sciences. PLoS ONE, 2017, 12, e0185578.	1.1	34
39	Scaling rules in the science system: Influence of fieldâ€specific citation characteristics on the impact of individual researchers. Journal of the Association for Information Science and Technology, 2009, 60, 740-753.	2.6	31
40	The role of editorial material in bibliometric research performance assessments. Scientometrics, 2013, 95, 817-828.	1.6	31
41	Travel bans and scientific mobility: utility of asymmetry and affinity indexes to inform science policy. Scientometrics, 2018, 116, 569-590.	1.6	30
42	Bibliometric indicators at the micro-level: some results in the area of natural resources at the Spanish CSIC. Research Evaluation, 2005, 14, 110-120.	1.3	27
43	Testing Hypotheses on Risk Factors for Scientific Misconduct via Matched-Control Analysis of Papers Containing Problematic Image Duplications. Science and Engineering Ethics, 2019, 25, 771-789.	1.7	27
44	Reflections around â€˜the cautionary useâ€™ of the h-index: response to Teixeira da Silva and DobrÃ¡nszki. Scientometrics, 2018, 115, 1125-1130.	1.6	26
45	Una visiÃ³n crÃ¡tica del Ãndice h: algunas consideraciones derivadas de su aplicaciÃ³n prÃ¡ctica. Profesional De La Informacion, 2007, 16, 427-432.	2.7	23
46	Referencing patterns of individual researchers: Do top scientists rely on more extensive information sources?. Journal of the Association for Information Science and Technology, 2012, 63, 2433-2450.	2.6	22
47	Incorporating data sharing to the reward system of science. Aslib Journal of Information Management, 2017, 69, 545-556.	1.3	22
48	Task specialization across research careers. ELife, 2020, 9, .	2.8	20
49	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. Scientometrics, 2007, 72, 167-183.	1.6	19
50	â€˜SeedÂ+ÂexpandÂ™: a general methodology for detecting publication oeuvres of individual researchers. Scientometrics, 2014, 101, 1403-1417.	1.6	19
51	Predicting the age of researchers using bibliometric data. Journal of Informetrics, 2017, 11, 713-729.	1.4	19
52	Identifying potential â€œbreakthroughâ€•publications using refined citation analyses: Three related explorative approaches. Journal of the Association for Information Science and Technology, 2017, 68, 709-723.	1.5	19
53	DataCite as a novel bibliometric source: Coverage, strengths and limitations. Journal of Informetrics, 2017, 11, 841-854.	1.4	18
54	Large-scale identification and characterization of scholars on Twitter. Quantitative Science Studies, 0, , 1-21.	1.6	18

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55	How is science clicked on Twitter? Click metrics for Bitly short links to scientific publications. Journal of the Association for Information Science and Technology, 2021, 72, 918-932.	1.5	18
56	â€œHeterogeneous couplingsâ€: Operationalizing network perspectives to study scienceâ€“society interactions through social media metrics. Journal of the Association for Information Science and Technology, 2021, 72, 595-610.	1.5	17
57	Communities of shared interests and cognitive bridges: the case of the anti-vaccination movement on Twitter. Scientometrics, 2020, 125, 1499-1516.	1.6	16
58	The stability of Twitter metrics: A study on unavailable Twitter mentions of scientific publications. Journal of the Association for Information Science and Technology, 2020, 71, 1455-1469.	1.5	16
59	Unveiling the Research Landscape of Sustainable Development Goals and Their Inclusion in Higher Education Institutions and Research Centers: Major Trends in 2000â€“2017. Frontiers in Sustainability, 2021, 2, .	1.3	15
60	Getting to Know Science Tweeters: A Pilot Analysis of South African Twitter Users Tweeting about Research Articles. Journal of Altmetrics, 2019, 2, 2.	0.2	15
61	Individual and field citation distributions in 29 broad scientific fields. Journal of Informetrics, 2018, 12, 868-892.	1.4	14
62	Effects of the durability of scientific literature at the group level: Case study of chemistry research groups in the Netherlands. Research Policy, 2013, 42, 886-894.	3.3	12
63	Unravelling the performance of individual scholars: Use of Canonical Biplot analysis to explore the performance of scientists by academic rank and scientific field. Journal of Informetrics, 2015, 9, 722-733.	1.4	12
64	Terminological (di) Similarities between Information Management and Knowledge Management: a Term Co-Occurrence Analysis. Mobile Networks and Applications, 2021, 26, 336-346.	2.2	12
65	Large-Scale Comparison of Authorship, Citations, and Tweets of Web of Science Authors. Journal of Altmetrics, 2021, 4, .	0.2	12
66	On the quest for currencies of science. Aslib Journal of Information Management, 2017, 69, 557-575.	1.3	9
67	How do academic topics shift across altmetric sources? A case study of the research area of Big Data. Scientometrics, 2020, 123, 909-943.	1.6	9
68	Researchersâ€™ institutional mobility: bibliometric evidence on academic inbreeding and internationalization. Science and Public Policy, 2022, 49, 85-97.	1.2	9
69	Some Limitations of theHIndex: A Commentary on Ruscio and Colleagues' Analysis of Bibliometric Indices. Measurement, 2012, 10, 172-175.	0.1	8
70	Mapping the Evolution of Intellectual Structure in Information Management Using Author Co-citation Analysis. Mobile Networks and Applications, 2021, 26, 2374-2388.	2.2	8
71	Analyzing scientific mobility and collaboration in the Middle East and North Africa. Quantitative Science Studies, 0, , 1-25.	1.6	6
72	Scientific mobility indicators in practice: International mobility profiles at the country level. Profesional De La Informacion, 2018, 27, 511.	2.7	6

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73	Authorship, Patents, Citations, Acknowledgments, Tweets, Reader Counts and the Multifaceted Reward System of Science. Proceedings of the Association for Information Science and Technology, 2015, 52, 1-4.	0.3	5
74	Overlapping and singularity of MEDLINE, WoS and IME for the analysis of the scientific activity of a region in Health Sciences. Revista Espanola De Documentacion Cientifica, 2008, 31, .	0.1	5
75	Facing the volatility of tweets in altmetric research. Journal of the Association for Information Science and Technology, 2022, 73, 1192-1195.	1.5	5
76	How is credit given to networking centres in their publications? A case study of the Spanish CIBER research structures. Scientometrics, 2015, 103, 923-938.	1.6	4
77	Development of a thematic filter for the bibliometric delimitation on interdisciplinary area: the case of Marine Science. Revista Espanola De Documentacion Cientifica, 2008, 31, .	0.1	4
78	An agenda-setting paper on data sharing platforms: euCanSHare workshop. Open Research Europe, 0, 1, 80.	2.0	3
79	Mapping the field of physical therapy and identification of the leading active producers. A bibliometric analysis of the period 2000- 2018. Physiotherapy Theory and Practice, 2022, , 1-13.	0.6	3
80	Evolution of the thematic structure and main producers of physical therapy interventions research: A bibliometric analysis (1986 to 2017). Brazilian Journal of Physical Therapy, 2022, 26, 100429.	1.1	3
81	A Comparison of the Citing, Publishing, and Tweeting Activity of Scholars on Web of Science. , 2020, , 261-285.		2
82	Exploring the relevance of ORCID as a source of study of data sharing activities at the individual-level: a methodological discussion. Scientometrics, 2021, 126, 7149-7165.	1.6	2
83	WeChat uptake of chinese scholarly journals: an analysis of CSSCI-indexed journals. Scientometrics, 2022, 127, 7091-7110.	1.6	2
84	Studying the characteristics of scientific communities using individual-level bibliometrics: the case of Big Data research. Scientometrics, 2021, 126, 6965-6987.	1.6	1
85	Do Online Readerships Offer Useful Assessment Tools? Discussion Around the Practical Applications of Mendeley Readership for Scholarly Assessment. Scholarly Assessment Reports, 2020, 2, 14.	1.8	1
86	ComunicaciÃ³n cientÃfica en 2014. En torno a la â€˜altmetrÃaâ€™. Anuario ThinkEPI, 0, 1, 107.	0.0	0