Rodrigo Costas

List of Publications by Year in Descending Order

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	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	1.5	0
84	Unveiling the Research Landscape of Sustainable Development Goals and Their Inclusion in Higher Education Institutions and Research Centers: Major Trends in 2000–2017. *Frontiers in Sustainability*, **2021**, 2,	2.1	2
83	Studying the characteristics of scientific communities using individual-level bibliometrics: the case of Big Data research. *Scientometrics*, **2021**, 126, 6965-6987	3	
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	3	
81	Link-based approach to study scientific software usage: the case of VOSviewer. *Scientometrics*, **2021**, 126, 8153-8186	3	12
80	Heterogeneous couplings: Operationalizing network perspectives to study science-society interactions through social media metrics. *Journal of the Association for Information Science and Technology*, **2021**, 72, 595-610	2.7	5
79	Terminological (di) Similarities between Information Management and Knowledge Management: a Term Co-Occurrence Analysis. *Mobile Networks and Applications*, **2021**, 26, 336-346	2.9	2
78	A scientometric overview of CORD-19. *PLoS ONE*, **2021**, 16, e0244839	3.7	27
77	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. *Risk, Systems and Decisions*, **2021**, 307-329	0.7	0
76	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	2.7	1
75	Communities of shared interests and cognitive bridges: the case of the anti-vaccination movement on Twitter. *Scientometrics*, **2020**, 125, 1499-1516	3	7
74	An extensive analysis of the presence of altmetric data for Web of Science publications across subject fields and research topics. *Scientometrics*, **2020**, 124, 1-31	3	9
73	Studying the accumulation velocity of altmetric data tracked by Altmetric.com. *Scientometrics*, **2020** , 123, 1077-1101	3	25
72	How do academic topics shift across altmetric sources? A case study of the research area of Big Data. *Scientometrics*, **2020**, 123, 909-943	3	8
71	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	2.7	5
70	Do Online Readerships Offer Useful Assessment Tools? Discussion Around the Practical Applications of Mendeley Readership for Scholarly Assessment. *Scholarly Assessment Reports*, **2020**, 2, 14	1.5	
69	Task specialization across research careers. *ELife*, **2020**, 9,	8.9	7

68	Open Access uptake by universities worldwide. *PeerJ*, **2020**, 8, e9410	3.1	23
67	A Comparison of the Citing, Publishing, and Tweeting Activity of Scholars on Web of Science **2020**, 261-285		2
66	Large-scale identification and characterization of scholars on Twitter. *Quantitative Science Studies*, **2020**, 1-21	3.8	5
65	Towards a second generation of 'social media metrics': Characterizing Twitter communities of attention around science. *PLoS ONE*, **2019**, 14, e0216408	3.7	29
64	Mapping the Evolution of Intellectual Structure in Information Management Using Author Co-citation Analysis. *Mobile Networks and Applications*, **2019**, 1	2.9	4
63	Getting to Know Science Tweeters: A Pilot Analysis of South African Twitter Users Tweeting about Research Articles. *Journal of Altmetrics*, **2019**, 2, 2	2.9	10
62	Social Media Metrics for New Research Evaluation. *Springer Handbooks*, **2019**, 687-713	1.3	19
61	The many faces of mobility: Using bibliometric data to measure the movement of scientists. *Journal of Informetrics*, **2019**, 13, 50-63	3.1	33
60	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	3.1	17
59	Travel bans and scientific mobility: utility of asymmetry and affinity indexes to inform science policy. *Scientometrics*, **2018**, 116, 569-590	3	17
58	Authorship, citations, acknowledgments and visibility in social media: Symbolic capital in the multifaceted reward system of science. *Social Science Information*, **2018**, 57, 223-248	0.6	31
57	Reflections around 'the cautionary use' of the h-index: response to Teixeira da Silva and Dobr□szki. *Scientometrics*, **2018**, 115, 1125-1130	3	17
56	General discussion of data quality challenges in social media metrics: Extensive comparison of four major altmetric data aggregators. *PLoS ONE*, **2018**, 13, e0197326	3.7	52
55	Individual and field citation distributions in 29 broad scientific fields. *Journal of Informetrics*, **2018**, 12, 868-892	3.1	7
54	A Global Comparison of Scientific Mobility and Collaboration According to National Scientific Capacities. *Frontiers in Research Metrics and Analytics*, **2018**, 3,	1.3	23
53	Evidence of open access of scientific publications in Google Scholar: A large-scale analysis. *Journal of Informetrics*, **2018**, 12, 819-841	3.1	47
52	Scientific mobility indicators in practice: International mobility profiles at the country level. *Profesional De La Informacion*, **2018**, 27, 511	3.7	2
51	Meta-assessment of bias in science. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 3714-3719	11.5	158

50	Scientists have most impact when they're free to move. *Nature*, **2017**, 550, 29-31	50.4	75
49	On the quest for currencies of science. *Aslib Journal of Information Management*, **2017**, 69, 557-575	1.5	5
48	Incorporating data sharing to the reward system of science. *Aslib Journal of Information Management*, **2017**, 69, 545-556	1.5	15
47	DataCite as a novel bibliometric source: Coverage, strengths and limitations. *Journal of Informetrics* , **2017**, 11, 841-854	3.1	13
46	Mendeley readership as a filtering tool to identify highly cited publications. *Journal of the Association for Information Science and Technology*, **2017**, 68, 2511-2521	2.7	28
45	Predicting the age of researchers using bibliometric data. *Journal of Informetrics*, **2017**, 11, 713-729	3.1	12
44	Identifying potential Breakthrough publications using refined citation analyses: Three related explorative approaches. *Journal of the Association for Information Science and Technology*, **2017**, 68, 709-723	2.7	14
43	The unbearable emptiness of tweeting-About journal articles. *PLoS ONE*, **2017**, 12, e0183551	3.7	62
42	Beyond funding: Acknowledgement patterns in biomedical, natural and social sciences. *PLoS ONE*, **2017**, 12, e0185578	3.7	14
41	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	1.7	59
40	Interpreting Altmetrics Viewing Acts on Social Media through the Lens of Citation and Social Theories **2016**, 372-406		33
39	How Many Is Too Many? On the Relationship between Research Productivity and Impact. *PLoS ONE*, **2016**, 11, e0162709	3.7	41
38	Characterization, description, and considerations for the use of funding acknowledgement data in Web of Science. *Scientometrics*, **2016**, 108, 167-182	3	51
37	How is credit given to networking centres in their publications? A case study of the Spanish CIBER research structures. *Scientometrics*, **2015**, 103, 923-938	3	4
36	The thematic orientation of publications mentioned on social media. *Aslib Journal of Information Management*, **2015**, 67, 260-288	1.5	47
35	Characterizing social media metrics of scholarly papers: the effect of document properties and collaboration patterns. *PLoS ONE*, **2015**, 10, e0120495	3.7	199
34	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	3.1	9
33	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	0.4	3

32	Do Altmetrics 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	2.7	355
31	Misconduct Policies, Academic Culture and Career Stage, Not Gender or Pressures to Publish, Affect Scientific Integrity. *PLoS ONE*, **2015**, 10, e0127556	3.7	108
30	How well developed are altmetrics? A cross-disciplinary analysis of the presence of Alternative metrics in scientific publications. *Scientometrics*, **2014**, 101, 1491-1513	3	236
29	F1000 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	2.7	76
28	The skewness of scientific productivity. *Journal of Informetrics*, **2014**, 8, 917-934	3.1	49
27	'Seed´+´expand': a general methodology for detecting publication oeuvres of individual researchers. *Scientometrics*, **2014**, 101, 1403-1417	3	16
26	New data, new possibilities: exploring the insides of Altmetric.com. *Profesional De La Informacion*, **2014**, 23, 359-366	3.7	66
25	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	7.5	9
24	Heterogeneity of collaboration and its relationship with research impact in a biomedical field. *Scientometrics*, **2013**, 96, 443-466	3	29
23	The role of editorial material in bibliometric research performance assessments. *Scientometrics*, **2013**, 95, 817-828	3	19
22	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		19
21	Some Limitations of the H Index: A Commentary on Ruscio and Colleagues' Analysis of Bibliometric Indices. *Measurement*, **2012**, 10, 172-175	1.3	8
20	Approaching the reward triangle General analysis of the presence of funding acknowledgments and peer interactive communication in scientific publications. *Journal of the Association for Information Science and Technology*, **2012**, 63, 1647-1661		55
19	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	3	72
18	The "Mendel syndrome" in science: durability of scientific literature and its effects on bibliometric analysis of individual scientists. *Scientometrics*, **2011**, 89, 177-205	3	30
17	Self-citations at the meso and individual levels: effects of different calculation methods. *Scientometrics*, **2010**, 82, 517-537	3	85
16	Is scientific literature subject to a Sell-By-Date? A general methodology to analyze the durability of scientific documents. *Journal of the Association for Information Science and Technology*, **2010**, 61, 329-339		61
15	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, n/a-n/a		18

14	Scaling rules in the science system: Influence of field-specific citation characteristics on the impact of individual researchers. *Journal of the Association for Information Science and Technology*, **2009**, 60, 740-753		23
13	Is g-index better than h-index? An exploratory study at the individual level. *Scientometrics*, **2008**, 77, 267-288	3	81
12	Development of a thematic filter for the bibliometric delimitation on interdisciplinary area: the case of Marine Science. *Revista Espanola De Documentacion Cientifica*, **2008**, 31,	0.7	2
11	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,	0.7	3
10	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	3	15
9	The h-index: Advantages, limitations and its relation with other bibliometric indicators at the micro level. *Journal of Informetrics*, **2007**, 1, 193-203	3.1	268
8	Una visi crtica del ndice h: algunas consideraciones derivadas de su aplicaci prctica. *Profesional De La Informacion*, **2007**, 16, 427-432	3.7	11
7	Bibliometric indicators at the micro-level: some results in the area of natural resources at the Spanish CSIC. *Research Evaluation*, **2005**, 14, 110-120	1.7	20
6	Unbundling Open Access dimensions: a conceptual discussion to reduce terminology inconsistencies		2
5	Why do scientists fabricate and falsify data? A matched-control analysis of papers containing problematic image duplications		4
4	A scientometric overview of CORD-19		14
3	An agenda-setting paper on data sharing platforms: euCanSHare workshop. *Open Research Europe* ,1, 80		1
2	Analyzing scientific mobility and collaboration in the Middle East and North Africa. *Quantitative Science Studies*,1-25	3.8	1
1	WeChat uptake of chinese scholarly journals: an analysis of CSSCI-indexed journals. *Scientometrics*,1	3	