

Caroline S Wagner

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3221239/publications.pdf>

Version: 2024-02-01

66
papers

3,806
citations

201385

27
h-index

205818

48
g-index

70
all docs

70
docs citations

70
times ranked

2973
citing authors

#	ARTICLE	IF	CITATIONS
1	Network structure, self-organization, and the growth of international collaboration in science. <i>Research Policy</i> , 2005, 34, 1608-1618.	3.3	743
2	Approaches to understanding and measuring interdisciplinary scientific research (IDR): A review of the literature. <i>Journal of Informetrics</i> , 2011, 5, 14-26.	1.4	524
3	International collaboration in science and the formation of a core group. <i>Journal of Informetrics</i> , 2008, 2, 317-325.	1.4	273
4	The Continuing Growth of Global Cooperation Networks in Research: A Conundrum for National Governments. <i>PLoS ONE</i> , 2015, 10, e0131816.	1.1	192
5	Mapping the network of global science: comparing international co-authorships from 1990 to 2000. <i>International Journal of Technology and Globalisation</i> , 2005, 1, 185.	0.1	157
6	Six case studies of international collaboration in science. <i>Scientometrics</i> , 2005, 62, 3-26.	1.6	142
7	Is the United States losing ground in science? A global perspective on the world science system. <i>Scientometrics</i> , 2009, 78, 23-36.	1.6	140
8	International research collaboration: Novelty, conventionality, and atypicality in knowledge recombination. <i>Research Policy</i> , 2019, 48, 1260-1270.	3.3	111
9	Growth of international collaboration in science: revisiting six specialties. <i>Scientometrics</i> , 2017, 110, 1633-1652.	1.6	108
10	Consolidation in a crisis: Patterns of international collaboration in early COVID-19 research. <i>PLoS ONE</i> , 2020, 15, e0236307.	1.1	102
11	Macro-level indicators of the relations between research funding and research output. <i>Journal of Informetrics</i> , 2009, 3, 353-362.	1.4	96
12	Interdisciplinarity as diversity in citation patterns among journals: Rao-Stirling diversity, relative variety, and the Gini coefficient. <i>Journal of Informetrics</i> , 2019, 13, 255-269.	1.4	95
13	<scp>BRICS</scp> countries and scientific excellence: A bibliometric analysis of most frequently cited papers. <i>Journal of the Association for Information Science and Technology</i> , 2015, 66, 1507-1513.	1.5	82
14	International collaboration in science: the global map and the network. <i>Profesional De La Informacion</i> , 2013, 22, 87-95.	2.7	76
15	The European Union, China, and the United States in the top-1% and top-10% layers of most-frequently cited publications: Competition and collaborations. <i>Journal of Informetrics</i> , 2014, 8, 606-617.	1.4	74
16	Open countries have strong science. <i>Nature</i> , 2017, 550, 32-33.	13.7	71
17	International collaboration during the COVID-19 crisis: autumn 2020 developments. <i>Scientometrics</i> , 2021, 126, 3683-3692.	1.6	70
18	Betweenness and diversity in journal citation networks as measures of interdisciplinarity—A tribute to Eugene Garfield. <i>Scientometrics</i> , 2018, 114, 567-592.	1.6	64

#	ARTICLE	IF	CITATIONS
19	Do Nobel Laureates Create Prize-Winning Networks? An Analysis of Collaborative Research in Physiology or Medicine. PLoS ONE, 2015, 10, e0134164.	1.1	48
20	Unseen science? Representation of BRICs in global science. Scientometrics, 2012, 90, 1001-1013.	1.6	47
21	The Collaborative Era in Science. , 2018, , .		46
22	Returning scientists and the emergence of China's science system. Science and Public Policy, 2020, 47, 172-183.	1.2	46
23	Evaluating transformative research programmes: A case study of the NSF Small Grants for Exploratory Research programme. Research Evaluation, 2013, 22, 187-197.	1.3	43
24	The Relative Influences of Government Funding and International Collaboration on Citation Impact. Journal of the Association for Information Science and Technology, 2019, 70, 198-201.	1.5	43
25	Openness and Impact of Leading Scientific Countries. Frontiers in Research Metrics and Analytics, 2018, 3, .	0.9	39
26	International coauthorship relations in the social sciences & citation index: Is internationalization leading the Network?. Journal of the Association for Information Science and Technology, 2014, 65, 2111-2126.	1.5	37
27	Generating clustered journal maps: an automated system for hierarchical classification. Scientometrics, 2017, 110, 1601-1614.	1.6	36
28	The elusive partnership: science and foreign policy. Science and Public Policy, 2002, 29, 409-417.	1.2	29
29	Topic evolution, disruption and resilience in early COVID-19 research. Scientometrics, 2021, 126, 4225-4253.	1.6	25
30	Recent Developments in China's U.S. Cooperation in Science. Minerva, 2015, 53, 199-214.	1.4	24
31	The structure and infrastructure of Mexico's science and technology. Technological Forecasting and Social Change, 2005, 72, 798-814.	6.2	22
32	Identifying critical technologies in the United States: a review of the federal effort. Journal of Forecasting, 2003, 22, 113-128.	1.6	19
33	Synergy in the knowledge base of U.S. innovation systems at national, state, and regional levels: The contributions of high-tech manufacturing and knowledge-intensive services. Journal of the Association for Information Science and Technology, 2019, 70, 1108-1123.	1.5	18
34	Diversity measurement: Steps towards the measurement of interdisciplinarity?. Journal of Informetrics, 2019, 13, 904-905.	1.4	18
35	The geography of references in elite articles: Which countries contribute to the archives of knowledge?. PLoS ONE, 2018, 13, e0194805.	1.1	18
36	Clustering methodologies for identifying country core competencies. Journal of Information Science, 2007, 33, 21-40.	2.0	17

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37	A discussion of measuring the top-1% most-highly cited publications: quality and impact of Chinese papers. <i>Scientometrics</i> , 2022, 127, 1825-1839.	1.6	16
38	An Integrated Impact Indicator: A new definition of 'Impact' with policy relevance. <i>Research Evaluation</i> , 2012, 21, 183-188.	1.3	15
39	Seismology as a dynamic, distributed area of scientific research. <i>Scientometrics</i> , 2003, 58, 91-114.	1.6	14
40	Discontinuities in citation relations among journals: self-organized criticality as a model of scientific revolutions and change. <i>Scientometrics</i> , 2018, 116, 623-644.	1.6	14
41	One-year in: COVID-19 research at the international level in COVID-19 data. <i>PLoS ONE</i> , 2022, 17, e0261624.	1.1	13
42	Rosalind's Ghost: Biology, Collaboration, and the Female. <i>PLoS Biology</i> , 2016, 14, e2001003.	2.6	10
43	Between promise and performance: Science and technology policy implementation through network governance. <i>Science and Public Policy</i> , 2020, 47, 78-91.	1.2	5
44	China's scholarship shows atypical referencing patterns. <i>Scientometrics</i> , 2020, 124, 2457-2468.	1.6	4
45	Democracy, Complexity, and Science: Exploring Structural Sources of National Scientific Performance. <i>Science and Public Policy</i> , 2021, 48, 697-711.	1.2	4
46	Studying scientific collaboration. Part 1: Methodology for investigating collaboration. Part 2: Research papers - collaboration in action. <i>Proceedings of the American Society for Information Science and Technology</i> , 2005, 41, 545-549.	0.2	2
47	Replicability and the public/private divide. <i>Journal of the Association for Information Science and Technology</i> , 2016, 67, 1777-1778.	1.5	2
48	Improved clusterings and visualizations of 11,359 journals in the JCRs 2015. <i>Scientometrics</i> , 2021, 126, 5353-5354.	1.6	2
49	Science as a Communications Network: An Illustration of Nanoscale Science Research. , 2009, , .		2
50	Unseen science: Representation of BRICs in global science. , 2011, , .		1
51	The Challenge to Our Community: Openness, Relevance, Trust. <i>Frontiers in Research Metrics and Analytics</i> , 2020, 4, 5.	0.9	1
52	Science in the Age of Knowledge Abundance. , 2018, , 1-17.		1
53	Unseen Science: Representation of the BRICs in Global Science. , 2011, , .		0
54	Innovation Goes Global. <i>Science</i> , 2014, 343, 730-730.	6.0	0

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55	Levels and Patterns of Communication in the Global Network. , 2018, , 37-60.		0
56	Local Innovation and the Global Network. , 2018, , 141-162.		0
57	The publicness of publicly funded research. Science and Public Policy, 0, , .	1.2	0
58	Science, Technology and Innovation in Uganda. , 2010, , .		0
59	England and Germany in Europe - What Lessons Can We Learn from Each Other?. , 2011, , .		0
60	Governing Global Science. , 2018, , 163-179.		0
61	Nations Within the Global Network. , 2018, , 121-140.		0
62	The Scale and Scope of Global Science. , 2018, , 19-35.		0
63	Consolidation in a crisis: Patterns of international collaboration in early COVID-19 research. , 2020, 15, e0236307.		0
64	Consolidation in a crisis: Patterns of international collaboration in early COVID-19 research. , 2020, 15, e0236307.		0
65	Consolidation in a crisis: Patterns of international collaboration in early COVID-19 research. , 2020, 15, e0236307.		0
66	Consolidation in a crisis: Patterns of international collaboration in early COVID-19 research. , 2020, 15, e0236307.		0