Caroline S Wagner

List of Publications by Year in Descending Order

61 papers	2,615 citations	24 h-index	51 g-index
70 ext. papers	3,177 ext. citations	4.6 avg, IF	5.81 L-index

#	Paper	IF	Citations
61	A discussion of measuring the top-1% most-highly cited publications: quality and impact of Chinese papers. *Scientometrics*, **2022**, 127, 1825-1839	3	0
60	One-year in: COVID-19 research at the international level in CORD-19 data. *PLoS ONE*, **2022**, 17, e0261624	3.7	0
59	Topic evolution, disruption and resilience in early COVID-19 research. *Scientometrics*, **2021**, 126, 1-29	3	8
58	Improved clusterings and visualizations of 11,359 journals in the JCRs 2015. *Scientometrics*, **2021**, 126, 5353-5354	3	
57	International collaboration during the COVID-19 crisis: autumn 2020 developments. *Scientometrics*, **2021**, 126, 1-10	3	26
56	Returning scientists and the emergence of China□ science system. *Science and Public Policy*, **2020**, 47, 172-183	1.8	11
55	Between promise and performance: Science and technology policy implementation through network governance. *Science and Public Policy*, **2020**, 47, 78-91	1.8	3
54	Consolidation in a crisis: Patterns of international collaboration in early COVID-19 research. *PLoS ONE*, **2020**, 15, e0236307	3.7	53
53	China□ scholarship shows atypical referencing patterns. *Scientometrics*, **2020**, 124, 2457-2468	3	
52	Consolidation in a crisis: Patterns of international collaboration in early COVID-19 research **2020**, 15, e0236307		
51	Consolidation in a crisis: Patterns of international collaboration in early COVID-19 research **2020**, 15, e0236307		
50	Consolidation in a crisis: Patterns of international collaboration in early COVID-19 research **2020**, 15, e0236307		
49	Consolidation in a crisis: Patterns of international collaboration in early COVID-19 research **2020**, 15, e0236307		
48	Interdisciplinarity as diversity in citation patterns among journals: Rao-Stirling diversity, relative variety, and the Gini coefficient. *Journal of Informetrics*, **2019**, 13, 255-269	3.1	46
47	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	2.7	13
46	Diversity measurement: Steps towards the measurement of interdisciplinarity?. *Journal of Informetrics*, **2019**, 13, 904-905	3.1	9
45	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	2.7	24

44	International research collaboration: Novelty, conventionality, and atypicality in knowledge recombination. *Research Policy*, **2019**, 48, 1260-1270	7.5	58
43	Discontinuities in citation relations among journals: self-organized criticality as a model of scientific revolutions and change. *Scientometrics*, **2018**, 116, 623-644	3	10
42	Betweenness and diversity in journal citation networks as measures of interdisciplinarity-A tribute to Eugene Garfield. *Scientometrics*, **2018**, 114, 567-592	3	43
41	Openness and Impact of Leading Scientific Countries. *Frontiers in Research Metrics and Analytics*, **2018**, 3,	1.3	20
40	The geography of references in elite articles: Which countries contribute to the archives of knowledge?. *PLoS ONE*, **2018**, 13, e0194805	3.7	12
39	Science in the Age of Knowledge Abundance **2018**, 1-17		
38	Governing Global Science **2018**, 163-179		
37	Nations Within the Global Network **2018**, 121-140		
36	The Scale and Scope of Global Science **2018**, 19-35		
35	It□ Who You Know (or Could Know) That Counts **2018**, 61-85		
34	Openness in the Global Network **2018**, 109-120		
33	Levels and Patterns of Communication in the Global Network **2018**, 37-60		
32	The Collaborative Era in Science **2018**,		28
31	Local Innovation and the Global Network **2018**, 141-162		
30	Growth of international collaboration in science: revisiting six specialties. *Scientometrics*, **2017**, 110, 1633-1652	3	62
29	Generating clustered journal maps: an automated system for hierarchical classification. *Scientometrics*, **2017**, 110, 1601-1614	3	19
28	Open countries have strong science. *Nature*, **2017**, 550, 32-33	50.4	40
27	Replicability and the public/private divide. *Journal of the Association for Information Science and Technology*, **2016**, 67, 1777-1778	2.7	2

26	Rosalind's Ghost: Biology, Collaboration, and the Female. *PLoS Biology*, **2016**, 14, e2001003	9.7	5
25	BRICS countries and scientific excellence: A bibliometric analysis of most frequently cited papers. *Journal of the Association for Information Science and Technology*, **2015**, 66, 1507-1513	2.7	59
24	Recent Developments in China□U.S. Cooperation in Science. *Minerva*, **2015**, 53, 199-214	1.9	15
23	The Continuing Growth of Global Cooperation Networks in Research: A Conundrum for National Governments. *PLoS ONE*, **2015**, 10, e0131816	3.7	118
22	Do Nobel Laureates Create Prize-Winning Networks? An Analysis of Collaborative Research in Physiology or Medicine. *PLoS ONE*, **2015**, 10, e0134164	3.7	30
21	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	2.7	26
20	The European Union, China, and the United States in the top-1% and top-10% layers of most-frequently cited publications: Competition and collaborations. *Journal of Informetrics*, **2014**, 8, 606-617	3.1	67
19	Innovation goes global. *Science*, **2014**, 343, 730	33.3	
18	Evaluating transformative research programmes: A case study of the NSF Small Grants for Exploratory Research programme. *Research Evaluation*, **2013**, 22, 187-197	1.7	34
17	International collaboration in science: the global map and the network. *Profesional De La Informacion*, **2013**, 22, 87-95	3.7	58
16	Unseen science? Representation of BRICs in global science. *Scientometrics*, **2012**, 90, 1001-1013	3	39
15	An Integrated Impact Indicator: A new definition of 'Impact' with policy relevance. *Research Evaluation*, **2012**, 21, 183-188	1.7	14
14	Approaches to understanding and measuring interdisciplinary scientific research (IDR): A review of the literature. *Journal of Informetrics*, **2011**, 5, 14-26	3.1	382
13	Is the United States losing ground in science? A global perspective on the world science system. *Scientometrics*, **2009**, 78, 23-36	3	119
12	Macro-level indicators of the relations between research funding and research output. *Journal of Informetrics*, **2009**, 3, 353-362	3.1	70
11	International collaboration in science and the formation of a core group. *Journal of Informetrics*, **2008**, 2, 317-325	3.1	197
10	Clustering methodologies for identifying country core competencies. *Journal of Information Science* , **2007**, 33, 21-40	2	14
9	Network structure, self-organization, and the growth of international collaboration in science. *Research Policy*, **2005**, 34, 1608-1618	7.5	578

8	Mapping the network of global science: comparing international co-authorships from 1990 to 2000. *International Journal of Technology and Globalisation*, **2005**, 1, 185	0.1	110
7	The structure and infrastructure of Mexico's science and technology. *Technological Forecasting and Social Change*, **2005**, 72, 798-814	9.5	16
6	Studying scientific collaboration. Part 1: Methodology for investigating collaboration. Part 2: Research papers Collaboration in action. *Proceedings of the American Society for Information Science and Technology*, **2005**, 41, 545-549		1
5	Six case studies of international collaboration in science. *Scientometrics*, **2005**, 62, 3-26	3	123
4	Seismology as a dynamic, distributed area of scientific research. *Scientometrics*, **2003**, 58, 91-114	3	9
3	Identifying critical technologies in the United States: a review of the federal effort. *Journal of Forecasting*, **2003**, 22, 113-128	2.1	15
2	The elusive partnership: science and foreign policy. *Science and Public Policy*, **2002**, 29, 409-417	1.8	24
1	Science as a Communications Network: An Illustration of Nanoscale Science Research		2