

Alexander Michael Petersen

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2852410/alexander-michael-petersen-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

44
papers

2,670
citations

24
h-index

51
g-index

52
ext. papers

3,167
ext. citations

6
avg, IF

5.44
L-index

#	Paper	IF	Citations
44	Grand challenges and emergent modes of convergence science. <i>Humanities and Social Sciences Communications</i> , 2021 , 8,	2.8	2
43	Renormalizing individual performance metrics for cultural heritage management of sports records. <i>Chaos, Solitons and Fractals</i> , 2020 , 136, 109821	9.3	3
42	Megajournal mismanagement: Manuscript decision bias and anomalous editor activity at PLOS ONE. <i>Journal of Informetrics</i> , 2019 , 13, 100974	3.1	7
41	Methods to account for citation inflation in research evaluation. <i>Research Policy</i> , 2019 , 48, 1855-1865	7.5	23
40	Discrepancy in scientific authority and media visibility of climate change scientists and contrarians. <i>Nature Communications</i> , 2019 , 10, 3502	17.4	35
39	Scholar Plot: Design and Evaluation of an Information Interface for Faculty Research Performance. <i>Frontiers in Research Metrics and Analytics</i> , 2019 , 4, 6	1.3	2
38	Science of science. <i>Science</i> , 2018 , 359,	33.3	373
37	The memory of science: Inflation, myopia, and the knowledge network. <i>Journal of Informetrics</i> , 2018 , 12, 656-678	3.1	34
36	Methods to Account for Citation Inflation in Research Evaluation. <i>SSRN Electronic Journal</i> , 2018 ,	1	2
35	Cross-disciplinary evolution of the genomics revolution. <i>Science Advances</i> , 2018 , 4, eaat4211	14.3	10
34	Multiscale impact of researcher mobility. <i>Journal of the Royal Society Interface</i> , 2018 , 15,	4.1	25
33	Quantifying the negative impact of brain drain on the integration of European science. <i>Science Advances</i> , 2017 , 3, e1602232	14.3	14
32	High-skilled labour mobility in Europe before and after the 2004 enlargement. <i>Journal of the Royal Society Interface</i> , 2017 , 14,	4.1	5
31	Self-organization of meaning and the reflexive communication of information. <i>Social Science Information</i> , 2017 , 56, 4-27	0.6	16
30	A triple helix model of medical innovation: Supply, demand, and technological capabilities in terms of Medical Subject Headings. <i>Research Policy</i> , 2016 , 45, 666-681	7.5	56
29	A Triple Helix Model of Medical Innovation: Supply, Demand, and Technological Capabilities in Terms of Medical Subject Headings. <i>SSRN Electronic Journal</i> , 2016 ,	1	3
28	Quantifying the impact of weak, strong, and super ties in scientific careers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E4671-80	11.5	77

27	The evolution of networks of innovators within and across borders: Evidence from patent data. <i>Research Policy</i> , 2015 , 44, 651-668	7.5	67
26	A quantitative perspective on ethics in large team science. <i>Science and Engineering Ethics</i> , 2014 , 20, 923-951	4.5	21
25	Reputation and impact in academic careers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 15316-21	11.5	146
24	Inequality and cumulative advantage in science careers: a case study of high-impact journals. <i>EPJ Data Science</i> , 2014 , 3,	3.4	20
23	Exploiting citation networks for large-scale author name disambiguation. <i>EPJ Data Science</i> , 2014 , 3,	3.4	39
22	The Z-index: A geometric representation of productivity and impact which accounts for information in the entire rank-citation profile. <i>Journal of Informetrics</i> , 2013 , 7, 823-832	3.1	16
21	Commentary: The case for caution in predicting scientists' future impact. <i>Physics Today</i> , 2013 , 66, 8-9	0.9	24
20	European policy. Is Europe evolving toward an integrated research area?. <i>Science</i> , 2013 , 339, 650-1	33.3	59
19	On the predictability of future impact in science. <i>Scientific Reports</i> , 2013 , 3, 3052	4.9	74
18	Persistence and uncertainty in the academic career. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 5213-8	11.5	88
17	Languages cool as they expand: allometric scaling and the decreasing need for new words. <i>Scientific Reports</i> , 2012 , 2, 943	4.9	140
16	Statistical laws governing fluctuations in word use from word birth to word death. <i>Scientific Reports</i> , 2012 , 2, 313	4.9	73
15	Quantitative and empirical demonstration of the Matthew effect in a study of career longevity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 18-23	11.5	138
14	Statistical regularities in the rank-citation profile of scientists. <i>Scientific Reports</i> , 2011 , 1, 181	4.9	53
13	Methods for detrending success metrics to account for inflationary and deflationary factors*. <i>European Physical Journal B</i> , 2011 , 79, 67-78	1.2	15
12	Methods for measuring the citations and productivity of scientists across time and discipline. <i>Physical Review E</i> , 2010 , 81, 036114	2.4	64
11	Scale-invariant properties of public-debt growth. <i>Europhysics Letters</i> , 2010 , 90, 38006	1.6	12
10	Quantitative law describing market dynamics before and after interest-rate change. <i>Physical Review E</i> , 2010 , 81, 066121	2.4	33

9	Market dynamics immediately before and after financial shocks: Quantifying the Omori, productivity, and Bath laws. <i>Physical Review E</i> , 2010 , 82, 036114	2.4	54
8	Bankruptcy risk model and empirical tests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 18325-30	11.5	66
7	Common scaling behavior in finance and macroeconomics. <i>European Physical Journal B</i> , 2010 , 76, 487-490.	10.2	10
6	Quantitative relations between risk, return and firm size. <i>Europhysics Letters</i> , 2009 , 85, 50003	1.6	19
5	Cross-correlations between volume change and price change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 22079-84	11.5	54 ⁰
4	On the distribution of career longevity and the evolution of home-run prowess in professional baseball. <i>Europhysics Letters</i> , 2008 , 83, 50010	1.6	26
3	On the role of zealotry in the voter model. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2007 , 2007, P08029-P08029	1.9	156
2	Statistical Laws Governing Fluctuations in Word Use from Word Birth to Word Death. <i>SSRN Electronic Journal</i> ,	1	1
1	On the Social and Cognitive Dimensions of Wicked Environmental Problems Characterized by Conceptual and Solution Uncertainty. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> ,	0.8	3