James A Evans

List of Publications by Year
in descending order

43 papers	3,988 citations	293460 24 h-index	325983 40 g-index
53 all docs	53 docs citations	53 times ranked	3828 citing authors

#	Article	IF	Citations
1	New directions in science emerge from disconnection and discord. Journal of Informetrics, 2022, 16, 101234.	1.4	31
2	Prediction of robust scientific facts from literature. Nature Machine Intelligence, 2022, 4, 445-454.	8.3	7
3	Flat teams drive scientific innovation. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	32
4	Event-level prediction of urban crime reveals a signature of enforcement bias in US cities. Nature Human Behaviour, 2022, 6, 1056-1068.	6.2	5
5	The Skills Space in Informal Work: Insights from Bangalore Slums. Journal of Development Studies, 2021, 57, 1662-1689.	1.2	1
6	Too Many Cooks: Bayesian Inference for Coordinating Multiâ€Agent Collaboration. Topics in Cognitive Science, 2021, 13, 414-432.	1.1	23
7	Science of science. Bibliosfera, 2021, , 25-42.	0.0	1
8	NERO: a biomedical named-entity (recognition) ontology with a large, annotated corpus reveals meaningful associations through text embedding. Npj Systems Biology and Applications, 2021, 7, 38.	1.4	3
9	Slowed canonical progress in large fields of science. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	127
10	Against method: Exploding the boundary between qualitative and quantitative studies of science. Quantitative Science Studies, 2020, 1, 930-944.	1.6	18
11	Social Computing Unhinged. Journal of Social Computing, 2020, 1, 1-13.	1.5	22
12	Quantifying the dynamics of failure across science, startups and security. Nature, 2019, 575, 190-194.	13.7	39
13	The Geometry of Culture: Analyzing the Meanings of Class through Word Embeddings. American Sociological Review, 2019, 84, 905-949.	2.8	245
14	The wisdom of polarized crowds. Nature Human Behaviour, 2019, 3, 329-336.	6.2	89
15	Large teams develop and small teams disrupt science and technology. Nature, 2019, 566, 378-382.	13.7	446
16	Computation and the Sociological Imagination. Contexts, 2019, 18, 10-15.	0.2	11
17	Centralized scientific communities are less likely to generate replicable results. ELife, 2019, 8, .	2.8	18
18	Science of science. Science, 2018, 359, .	6.0	701

#	ARTICLE	IF	CITATIONS
19	Measuring discursive influence across scholarship. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3308-3313.	3.3	34
20	Ambiguity and Engagement. American Journal of Sociology, 2018, 124, 860-912.	0.3	25
21	Skill discrepancies between research, education, and jobs reveal the critical need to supply soft skills for the data economy. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12630-12637.	3.3	77
22	Toward a more scientific science. Science, 2018, 361, 1194-1197.	6.0	34
23	The sociology of scientific validity: How professional networks shape judgement in peer review. Research Policy, 2018, 47, 1825-1841.	3.3	56
24	Millions of online book co-purchases reveal partisan differences in the consumption of science. Nature Human Behaviour, 2017, 1, .	6.2	49
25	Machine Translation: Mining Text for Social Theory. Annual Review of Sociology, 2016, 42, 21-50.	3.1	180
26	Weaving the fabric of science: Dynamic network models of science's unfolding structure. Social Networks, 2015, 43, 73-85.	1.3	82
27	Proposing Ties in a Dense Hypergraph of Academics. Lecture Notes in Computer Science, 2015, , 209-226.	1.0	3
28	Choosing experiments to accelerate collective discovery. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14569-14574.	3.3	146
29	Health ROI as a measure of misalignment of biomedical needs and resources. Nature Biotechnology, 2015, 33, 807-811.	9.4	27
30	Ten Simple (Empirical) Rules for Writing Science. PLoS Computational Biology, 2015, 11, e1004205.	1.5	35
31	Tradition and Innovation in Scientistsâ€™ Research Strategies. American Sociological Review, 2015, 80, 875-908.	2.8	364
32	Quantifying the Impact and Extent of Undocumented Biomedical Synonymy. PLoS Computational Biology, 2014, 10, e1003799.	1.5	8
33	Attention to Local Health Burden and the Global Disparity of Health Research. PLoS ONE, 2014, 9, e90147.	1.1	113
34	Future Science. Science, 2013, 342, 44-45.	6.0	27
35	Metaknowledge. Science, 2011, 331, 721-725.	6.0	209
36	Advancing Science through Mining Libraries, Ontologies, and Communities. Journal of Biological Chemistry, 2011, 286, 23659-23666.	1.6	14

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37	Machine Science. Science, 2010, 329, 399-400.	6.0	79
38	NONUS: A No-Onus Platform for Generating Grant Reports. , 2010, , .		0
39	Industry collaboration, scientific sharing, and the dissemination of knowledge. Social Studies of Science, 2010, 40, 757-791.	1.5	81
40	Open Access and Global Participation in Science. Science, 2009, 323, 1025-1025.	6.0	184
41	Electronic Publication and the Narrowing of Science and Scholarship. Science, 2008, 321, 395-399.	6.0	275
42	Large Teams Have Developed Science and Technology; Small Teams Have Disrupted It. SSRN Electronic Journal, 0, , .	0.4	6
43	Finding Cultural Holes: How Structure and Culture Diverge in Networks of Scholarly Communication. Sociological Science, 0, 1, 221-238.	2.0	52