

Lawrence J Smolinsky

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

200
citations

1306789

7
h-index

1125271

13
g-index

28
all docs

28
docs citations

28
times ranked

120
citing authors

#	ARTICLE	IF	CITATIONS
1	A combinatorial matrix in 3-manifold theory. Pacific Journal of Mathematics, 1991, 149, 319-336.	0.2	33
2	Citation rates in mathematics: a study of variation by subdiscipline. Scientometrics, 2012, 91, 911-924.	1.6	22
3	Mean citation rate per article in mathematics journals: Differences from the scientific model. Journal of the Association for Information Science and Technology, 2010, 61, 1440-1463.	2.6	19
4	The framed braid group and 3-manifolds. Proceedings of the American Mathematical Society, 1992, 115, 541-551.	0.4	18
5	Expected number of citations and the crown indicator. Journal of Informetrics, 2016, 10, 43-47.	1.4	14
6	A Lie theoretic galois theory for the spectral curves of an integrable system: I. Communications in Mathematical Physics, 1992, 149, 127-148.	1.0	11
7	Computer-Based and Paper-and-Pencil Tests: A Study in Calculus for STEM Majors. Journal of Educational Computing Research, 2020, 58, 1256-1278.	3.6	8
8	Invariants of link cobordism. Topology and Its Applications, 1989, 32, 161-168.	0.2	7
9	A Lie theoretic Galois theory for the spectral curves of an integrable system. II. Transactions of the American Mathematical Society, 1997, 349, 713-746.	0.5	7
10	Math Circles: A Tool for Promoting Engagement Among Middle School Minority Males. Eurasia Journal of Mathematics, Science and Technology Education, 2016, 12, .	0.7	6
11	Co-author Weighting in Bibliometric Methodology and Subfields of a Scientific Discipline. Journal of Data and Information Science, 2020, 5, 84-96.	0.5	6
12	Casson-Gordon invariants of some 3-fold branched covers of knots. Topology and Its Applications, 1989, 31, 243-251.	0.2	5
13	Lotka's inverse square law of scientific productivity: Its methods and statistics. Journal of the Association for Information Science and Technology, 2017, 68, 1786-1791.	1.5	5
14	Odds ratios, risk ratios, and Bornmann and Haunschild's new indicators. Journal of Informetrics, 2018, 12, 732-735.	1.4	5
15	The Framed Braid Group and 3-Manifolds. Proceedings of the American Mathematical Society, 1992, 115, 541.	0.4	4
16	Lax equations, weight lattices, and Prym-Tjurin varieties. Acta Mathematica, 1998, 181, 283-305.	1.4	4
17	An explicit basis of lowering operators for irreducible representations of unitary groups. Lithuanian Journal of Physics, 2011, 51, 5-18.	0.1	4
18	Persistent value of older scientific journal articles. Scientometrics, 2016, 108, 1205-1220.	1.6	3

#	ARTICLE	IF	CITATIONS
19	Discrete power law with exponential cutoff and Lotka's law. Journal of the Association for Information Science and Technology, 2017, 68, 1792-1795.	1.5	3
20	Odds ratios and Mantel-Haenszel quotients. Journal of Informetrics, 2019, 13, 462-463.	1.4	3
21	Online and Handwritten Homework in Calculus for STEM Majors. Journal of Educational Computing Research, 2019, 57, 1513-1533.	3.6	3
22	The flow of the G2 periodic Toda lattice. Journal of Mathematical Physics, 1997, 38, 926-945.	0.5	2
23	Testing theories of preferential attachment in random networks of citations. Journal of the Association for Information Science and Technology, 2015, 66, 2132-2145.	1.5	2
24	Interpretation and inference for altmetric indicators arising from sparse data statistics. Journal of Informetrics, 2022, 16, 101250.	1.4	2
25	Geometric Constructions with Ellipses. Mathematical Intelligencer, 2009, 31, 57-62.	0.1	1
26	Two theorems on "Polar coordinates and generalized h-type indices". Journal of Informetrics, 2020, 14, 101045.	1.4	1
27	Arbitrage opportunities in publication and ghost authors. Journal of Informetrics, 2020, 14, 101016.	1.4	1
28	Citations versus expert opinions: citation analysis of featured reviews of the American Mathematical Society. Scientometrics, 2021, 126, 3853-3870.	1.6	1