

Dylan Paul Thurston

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9388859/publications.pdf>

Version: 2024-02-01

32
papers

1,204
citations

516710

16
h-index

454955

30
g-index

32
all docs

32
docs citations

32
times ranked

496
citing authors

#	ARTICLE	IF	CITATIONS
1	Cluster algebras and triangulated surfaces. Part I: Cluster complexes. <i>Acta Mathematica</i> , 2008, 201, 83-146.	3.9	341
2	Characterizing generic global rigidity. <i>American Journal of Mathematics</i> , 2010, 132, 897-939.	1.1	129
3	Discrete one-forms on meshes and applications to 3D mesh parameterization. <i>Computer Aided Geometric Design</i> , 2006, 23, 83-112.	1.2	83
4	On combinatorial link Floer homology. <i>Geometry and Topology</i> , 2007, 11, 2339-2412.	1.3	72
5	Legendrian knots, transverse knots and combinatorial Floer homology. <i>Geometry and Topology</i> , 2008, 12, 941-980.	1.3	68
6	Bimodules in bordered Heegaard Floer homology. <i>Geometry and Topology</i> , 2015, 19, 525-724.	1.3	52
7	Positive basis for surface skein algebras. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9725-9732.	7.1	49
8	Bordered Heegaard Floer homology. <i>Memoirs of the American Mathematical Society</i> , 2018, 254, 0-0.	0.9	44
9	Two applications of elementary knot theory to Lie algebras and Vassiliev invariants. <i>Geometry and Topology</i> , 2003, 7, 1-31.	1.3	42
10	Wheels, wheeling, and the Kontsevich integral of the Unknot. <i>Israel Journal of Mathematics</i> , 2000, 119, 217-237.	0.8	36
11	Transverse knots distinguished by knot Floer homology. <i>Journal of Symplectic Geometry</i> , 2008, 6, 461-490.	0.5	34
12	A random tunnel number one 3-manifold does not fiber over the circle. <i>Geometry and Topology</i> , 2006, 10, 2431-2499.	1.3	31
13	3-manifolds efficiently bound 4-manifolds. <i>Journal of Topology</i> , 2008, 1, 703-745.	0.5	31
14	Characterizing the Universal Rigidity of Generic Frameworks. <i>Discrete and Computational Geometry</i> , 2014, 51, 1017-1036.	0.6	27
15	The complex volume of $SL(n, \mathbb{C})$ -representations of 3-manifolds. <i>Duke Mathematical Journal</i> , 2015, 164, .	1.5	24
16	Heegaard Floer homology as morphism spaces. <i>Quantum Topology</i> , 2011, 2, 381-449.	0.9	22
17	The Å...rhus integral of rational homology 3-spheres III: Relation with the Leâ€œMurakamiâ€œOhtsuki invariant. <i>Selecta Mathematica, New Series</i> , 2004, 10, 305-324.	1.0	17
18	Computing HF by factoring mapping classes. <i>Geometry and Topology</i> , 2014, 18, 2547-2681.	1.3	16

#	ARTICLE	IF	CITATIONS
19	A faithful linear-categorical action of the mapping class group of a surface with boundary. Journal of the European Mathematical Society, 2013, 15, 1279-1307.	1.4	14
20	Tour of bordered Floer theory. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8085-8092.	7.1	12
21	From rubber bands to rational maps: a research report. Research in Mathematical Sciences, 2016, 3, 1.	1.0	10
22	Notes on Bordered Floer Homology. Bolyai Society Mathematical Studies, 2014, , 275-355.	0.3	7
23	On the Existence of Finite Type Link Homotopy Invariants. Journal of Knot Theory and Its Ramifications, 2001, 10, 1025-1039.	0.3	6
24	ELASTIC GRAPHS. Forum of Mathematics, Sigma, 2019, 7, .	0.7	6
25	Morsifications and mutations. Journal of the London Mathematical Society, 0, , .	1.0	6
26	Bordered Floer homology and the spectral sequence of a branched double cover I. Journal of Topology, 2014, 7, 1155-1199.	0.5	5
27	Lower and Upper Bounds for Positive Bases of Skein Algebras. International Mathematics Research Notices, 2021, 2021, 3186-3202.	1.0	5
28	Bordered Floer homology and the spectral sequence of a branched double cover II: the spectral sequences agree. Journal of Topology, 2016, 9, 607-686.	0.5	4
29	GENERIC UNLABELED GLOBAL RIGIDITY. Forum of Mathematics, Sigma, 2019, 7, .	0.7	4
30	Naturality and Mapping Class Groups in Heegaard Floer Homology. Memoirs of the American Mathematical Society, 2021, 273, .	0.9	4
31	From curves to currents. Forum of Mathematics, Sigma, 2021, 9, .	0.7	3
32	Relative Q-Gradings from Bordered Floer Theory. Michigan Mathematical Journal, 2018, 67, .	0.4	0