Stefan Friedl

List of Publications by Year
in descending order

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48	569	759233 12	752698 20
papers	citations	h-index	g-index

48	48	48	88
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Thurston norm, fibered manifolds and twisted Alexander polynomials. Topology, 2006, 45, 929-953.	0.3	54
2	A Survey of Twisted Alexander Polynomials. , 2011, , 45-94.		54
3	Eta invariants as sliceness obstructions and their relation to Cassonâ€“Gordon invariants. Algebraic and Geometric Topology, 2004, 4, 893-934.	0.4	41
4	Twisted Alexander polynomials detect fibered 3-manifolds. Annals of Mathematics, 2011, 173, 1587-1643.	4.2	33
5	Twisted Alexander Polynomials of Hyperbolic Knots. Experimental Mathematics, 2012, 21, 329-352.	0.7	31
6	The decategorification of sutured Floer homology. Journal of Topology, 2011, 4, 431-478.	0.5	29
7	PoincarÃ© duality and degrees of twisted Alexander polynomials. Indiana University Mathematics Journal, 2012, 61, 147-192.	0.9	19
8	A vanishing theorem for twisted Alexander polynomials with applications to symplectic 4-manifolds. Journal of the European Mathematical Society, 2013, 15, 2027-2041.	1.4	19
9	Reidemeister torsion, the Thurston norm and Harveyâ€™s invariants. Pacific Journal of Mathematics, 2007, 230, 271-296.	0.5	19
10	Twisted Alexander norms give lower bounds on the Thurston norm. Transactions of the American Mathematical Society, 2008, 360, 4597-4618.	0.9	18
11	The Thurston norm and twisted Alexander polynomials. Journal Fur Die Reine Und Angewandte Mathematik, 2015, 2015, 87-102.	0.9	18
12	New topologically slice knots. Geometry and Topology, 2005, 9, 2129-2158.	1.3	17
13	TheL2-Alexander torsion of 3-manifolds. Journal of Topology, 2016, 9, 889-926.	0.5	15
14	Link concordance, boundary link concordance and eta-invariants. Mathematical Proceedings of the Cambridge Philosophical Society, 2005, 138, 437-460.	0.4	14
15	Twisted Alexander Polynomials and Symplectic Structures. American Journal of Mathematics, 2008, 130, 455-484.	1.1	13
16	Metabelian SL(n, â„‚) representations of knot groups. Pacific Journal of Mathematics, 2008, 238, 7-25.	0.5	13
17	The virtual fibering theorem for 3-manifolds. L'Enseignement Mathematique, 2014, 60, 79-107.	0.1	13
18	Twisted Reidemeister torsion, the Thurston norm and fibered manifolds. Geometriae Dedicata, 2014, 172, 135-145.	0.3	11

#	Article	IF	Citations
19	Universal L2-torsion, polytopes and applications to 3-manifolds. Proceedings of the London Mathematical Society, 2017, 114, 1114-1151.	1.3	11
20	L^2 -eta-invariants and their approximation by unitary eta-invariants. Mathematical Proceedings of the Cambridge Philosophical Society, 2005, 138, 327-338.	0.4	10
21	Nontrivial Alexander polynomials of knots and links. Bulletin of the London Mathematical Society, 2007, 39, 614-622.	0.8	10
22	TheL2â€“Alexander torsion is symmetric. Algebraic and Geometric Topology, 2016, 15, 3599-3612.	0.4	9
23	Non-commutative multivariable Reidemester torsion and the Thurston norm. Algebraic and Geometric Topology, 2007, 7, 755-777.	0.4	8
24	AN INJECTIVITY THEOREM FOR CASSON-GORDON TYPE REPRESENTATIONS RELATING TO THE CONCORDANCE OF KNOTS AND LINKS. Bulletin of the Korean Mathematical Society, 2012, 49, 395-409.	0.3	7
25	Satellites and concordance of knots in 3â€“manifolds. Transactions of the American Mathematical Society, 2018, 371, 2279-2306.	0.9	6
26	Homotopy ribbon concordance and Alexander polynomials. Archiv Der Mathematik, 2020, 115, 717-725.	0.5	6
27	Non-smoothable Four-manifolds with Infinite Cyclic Fundamental Group. International Mathematics Research Notices, 2007, 2007, .	1.0	5
28	Twisted torsion invariants and link concordance. Forum Mathematicum, 0, , ---.	0.7	5
29	Concordance of links with identical Alexander invariants. Bulletin of the London Mathematical Society, 2014, 46, 629-642.	0.8	5
30	Rank gradients of infinite cyclic covers of 3-manifolds. Michigan Mathematical Journal, 2014, 63, .	0.4	5
31	Novikov homology and non-commutative Alexander polynomials. Journal of Knot Theory and Its Ramifications, 2017, 26, 1740013.	0.3	5
32	METABELIAN SL(N, C) REPRESENTATIONS OF KNOT GROUPS, III: DEFORMATIONS. Quarterly Journal of Mathematics, 2014, 65, 817-840.	0.8	4
33	Links not concordant to the Hopf link. Mathematical Proceedings of the Cambridge Philosophical Society, 2014, 156, 425-459.	0.4	4
34	Metabelian SL(n,) representations of knot groups IV: twisted Alexander polynomials. Mathematical Proceedings of the Cambridge Philosophical Society, 2014, 156, 81-97.	0.4	4
35	Thurston norm via Fox calculus. Geometry and Topology, 2017, 21, 3759-3784.	1.3	4
36	L2â€Euler characteristics and the Thurston norm. Proceedings of the London Mathematical Society, 2019, 118, 857-900.	1.3	4

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37	Metabelian SL(n,â„¤) representations of knot groups, II: Fixed points. Pacific Journal of Mathematics, 2011, 249, 1-10.	0.5	4
38	3-Manifolds that Can Be Made Acyclic. International Mathematics Research Notices, 2015, 2015, 13360-13378.	1.0	3
39	Splittings of knot groups. Mathematische Annalen, 2015, 362, 401-424.	1.4	3
40	The L^2-torsion function and the Thurston norm of 3-manifolds. Commentarii Mathematici Helvetici, 2019, 94, 21-52.	0.7	3
41	Homotopy ribbon concordance, Blanchfield pairings, and twisted Alexander polynomials. Canadian Journal of Mathematics, 2022, 74, 1137-1176.	0.6	3
42	Correction to â€˜New topologically slice knotsâ€™. Geometry and Topology, 2006, 10, 2501-2504.	1.3	2
43	Twisted Novikov homology of complex hypersurface complements. Mathematische Nachrichten, 2017, 290, 604-612.	0.8	2
44	Twisted Reidemeister torsion and the Thurston norm: Graph manifolds and finite representations. Illinois Journal of Mathematics, 2015, 59, .	0.1	2
45	Representation varieties detect essential surfaces. Mathematical Research Letters, 2018, 25, 803-817.	0.5	2
46	Full signature invariants for $L_0(F(t))$. Proceedings of the American Mathematical Society, 2004, 133, 647-653.	0.8	1
47	The Turaev and Thurston norms. Pacific Journal of Mathematics, 2016, 284, 365-382.	0.5	1
48	Twisted Alexander Invariants Detect Trivial Links. Canadian Mathematical Bulletin, 2017, 60, 283-299.	0.5	0