

Matthew Hedden

List of Publications by Year in descending order

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18
papers

423
citations

840776

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839539

18
g-index

18
all docs

18
docs citations

18
times ranked

83
citing authors

#	ARTICLE	IF	CITATIONS
1	Four-dimensional aspects of tight contact 3-manifolds. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2025436118.	7.1	1
2	Satellites of infinite rank in the smooth concordance group. Inventiones Mathematicae, 2021, 225, 131-157.	2.5	4
3	On the functoriality of Khovanov's Floer theories. Advances in Mathematics, 2019, 345, 1162-1205.	1.1	7
4	Irreducible 3-manifolds that cannot be obtained by 0-surgery on a knot. Transactions of the American Mathematical Society, 2019, 372, 7619-7638.	0.9	3
5	The \mathcal{F} function of space knots is a Legendre transform. Mathematical Proceedings of the Cambridge Philosophical Society, 2018, 164, 401-411.	0.4	4
6	On the geography and botany of knot Floer homology. Selecta Mathematica, New Series, 2018, 24, 997-1037.	1.0	24
7	The pillowcase and traceless representations of knot groups II: a Lagrangian Floer theory in the pillowcase. Journal of Symplectic Geometry, 2018, 16, 721-815.	0.5	3
8	Topologically slice knots of smooth concordance order two. Journal of Differential Geometry, 2016, 102, .	1.1	22
9	Splicing knot complements and bordered Floer homology. Journal Fur Die Reine Und Angewandte Mathematik, 2016, 2016, .	0.9	13
10	Khovanov module and the detection of unlinks. Geometry and Topology, 2013, 17, 3027-3076.	1.3	32
11	Topologically slice knots with nontrivial Alexander polynomial. Advances in Mathematics, 2012, 231, 913-939.	1.1	40
12	Instantons, concordance, and Whitehead doubling. Journal of Differential Geometry, 2012, 91, .	1.1	20
13	On Floer homology and the Berge conjecture on knots admitting lens space surgeries. Transactions of the American Mathematical Society, 2011, 363, 949-949.	0.9	34
14	NOTIONS OF POSITIVITY AND THE OZSVÁTH'S SZABŐ CONCORDANCE INVARIANT. Journal of Knot Theory and Its Ramifications, 2010, 19, 617-629.	0.3	66
15	An Ozsváth's Szabő Floer homology invariant of knots in a contact manifold. Advances in Mathematics, 2008, 219, 89-117.	1.1	20
16	Grid Diagrams for Lens Spaces and Combinatorial Knot Floer Homology. International Mathematics Research Notices, 2008, 2008, .	1.0	27
17	Knot Floer homology of Whitehead doubles. Geometry and Topology, 2007, 11, 2277-2338.	1.3	66
18	On knot Floer homology and cabling. Algebraic and Geometric Topology, 2005, 5, 1197-1222.	0.4	37