

JÃ³zef H Przytycki

List of Publications by Year in descending order

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57
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606
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687363

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g-index

60
all docs

60
docs citations

60
times ranked

124
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiplicative structure of Kauffman bracket skein module quantizations. Proceedings of the American Mathematical Society, 1999, 128, 923-931.	0.8	63
2	THE $(2, \hat{\alpha})$ -SKEIN MODULE OF LENS SPACES: A GENERALIZATION OF THE JONES POLYNOMIAL. Journal of Knot Theory and Its Ramifications, 1993, 02, 321-333.	0.3	55
3	The Kauffman bracket skein module of $S^1 \times S^2$. Mathematische Zeitschrift, 1995, 220, 65-73.	0.9	34
4	Incompressible surfaces in the exterior of a closed 3-braid. Mathematical Proceedings of the Cambridge Philosophical Society, 1985, 98, 275-299.	0.4	30
5	The skein polynomial of a planar star product of two links. Mathematical Proceedings of the Cambridge Philosophical Society, 1989, 106, 273-276.	0.4	23
6	Khovanov Homology: Torsion and Thickness. , 2004, , 135-166.		22
7	On the first group of the chromatic cohomology of graphs. Geometriae Dedicata, 2009, 140, 19-48.	0.3	21
8	Non-Left-Orderable 3-Manifold Groups. Canadian Mathematical Bulletin, 2005, 48, 32-40.	0.5	20
9	Torsion in graph homology. Fundamenta Mathematicae, 0, 190, 139-177.	0.5	20
10	Kauffman bracket skein module of a connected sum of 3-manifolds. Manuscripta Mathematica, 2000, 101, 199-207.	0.6	18
11	Torsion in Khovanov homology of semi-adequate links. Fundamenta Mathematicae, 2014, 225, 277-303.	0.5	17
12	Homology operations on homology of quandles. Journal of Algebra, 2010, 324, 1529-1548.	0.7	16
13	The fourth Skein Module and the Montesinos-Nakanishi Conjecture for 3-algebraic links. Journal of Knot Theory and Its Ramifications, 2001, 10, 959-982.	0.3	15
14	Surgeries on periodic links and homology of periodic 3-manifolds. Mathematical Proceedings of the Cambridge Philosophical Society, 2001, 131, 295-307.	0.4	15
15	From Goeritz Matrices to Quasi-alternating Links. , 2011, , 257-316.		15
16	Distributive Products and Their Homology. Communications in Algebra, 2014, 42, 1258-1269.	0.6	13
17	Knots and Distributive Homology: From Arc Colorings to Yang-Baxter Homology. Series on Knots and Everything, 2015, , 413-488.	0.0	13
18	THE $(2, \hat{\alpha})$ -SKEIN MODULE OF WHITEHEAD MANIFOLDS. Journal of Knot Theory and Its Ramifications, 1995, 04, 411-427.	0.3	11

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19	Search for Torsion in Khovanov Homology. <i>Experimental Mathematics</i> , 2018, 27, 488-497.	0.7	11
20	3-manifolds, tangles and persistent invariants. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 2005, 139, 291.	0.4	10
21	THE SECOND QUANDLE HOMOLOGY OF THE TAKASAKI QUANDLE OF AN ODD ABELIAN GROUP IS AN EXTERIOR SQUARE OF THE GROUP. <i>Journal of Knot Theory and Its Ramifications</i> , 2011, 20, 171-177.	0.3	10
22	Symmetry of Links and Classification of Lens Spaces. <i>Geometriae Dedicata</i> , 2003, 98, 57-61.	0.3	9
23	Catalan states of lattice crossing. <i>Topology and Its Applications</i> , 2015, 182, 1-15.	0.4	9
24	The torsion of a finite quasigroup quandle is annihilated by its order. <i>Journal of Pure and Applied Algebra</i> , 2015, 219, 4782-4791.	0.6	9
25	Burnside kei. <i>Fundamenta Mathematicae</i> , 0, 190, 211-229.	0.5	9
26	Distributivity versus associativity in the homology theory of algebraic structures. <i>Demonstratio Mathematica</i> , 2011, 44, .	1.5	8
27	The Gram determinant of the type B Temperley-Lieb algebra. <i>Advances in Applied Mathematics</i> , 2009, 43, 156-161.	0.7	7
28	q-Polynomial Invariant of Rooted Trees. <i>Arnold Mathematical Journal</i> , 2016, 2, 449-461.	0.4	7
29	The t_3 moves conjecture for oriented links with matched diagrams. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 1990, 108, 55-61.	0.4	6
30	THE GRAM MATRIX OF A TEMPERLEY-LIEB ALGEBRA IS SIMILAR TO THE MATRIX OF CHROMATIC JOINS. <i>Communications in Contemporary Mathematics</i> , 2008, 10, 849-855.	1.2	6
31	Homology of distributive lattices. <i>Journal of Homotopy and Related Structures</i> , 2013, 8, 35-65.	0.7	6
32	Realization of plucking polynomials. <i>Journal of Knot Theory and Its Ramifications</i> , 2017, 26, 1740016.	0.3	6
33	Homotopy type of circle graph complexes motivated by extreme Khovanov homology. <i>Journal of Algebraic Combinatorics</i> , 2018, 48, 119-156.	0.8	6
34	Elementary conjectures in classical knot theory. <i>Series on Knots and Everything</i> , 1993, , 292-320.	0.0	5
35	THE TRIESTE LOOK AT KNOT THEORY. <i>Series on Knots and Everything</i> , 2011, , 407-441.	0.0	4
36	The degenerate distributive complex is degenerate. <i>European Journal of Mathematics</i> , 2016, 2, 993-1012.	0.5	4

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37	Strict unimodality of plucking polynomials of rooted trees. <i>Journal of Knot Theory and Its Ramifications</i> , 2018, 27, 1841009.	0.3	4
38	Catalan states of lattice crossing: An application of plucking polynomial. <i>Topology and Its Applications</i> , 2019, 254, 12-28.	0.4	4
39	On multiplying curves in the Kauffman bracket skein algebra of the thickened four-holed sphere. <i>Journal of Knot Theory and Its Ramifications</i> , 0, , .	0.3	4
40	Tangle Surgeries Which Preserve Jones-Type Polynomials. <i>International Journal of Mathematics</i> , 1997, 08, 1015-1027.	0.5	3
41	5-MOVE EQUIVALENCE CLASSES OF LINKS AND THEIR ALGEBRAIC INVARIANTS. <i>Journal of Knot Theory and Its Ramifications</i> , 2007, 16, 1413-1449.	0.3	3
42	On homology of associative shelves. <i>Journal of Homotopy and Related Structures</i> , 2017, 12, 741-763.	0.7	3
43	On framings of links in 3-manifolds. <i>Canadian Mathematical Bulletin</i> , 2020, , 1-13.	0.5	3
44	Schur multipliers and second quandle homology. <i>Journal of Algebra</i> , 2020, 552, 52-67.	0.7	3
45	A generalization of the Gram determinant of type A. <i>Topology and Its Applications</i> , 2021, 295, 107663.	0.4	3
46	Torsion in one-term distributive homology. <i>Fundamenta Mathematicae</i> , 2014, 225, 75-94.	0.5	3
47	The Topological Interpretation of the Core Group of a Surface in S^4 . <i>Canadian Mathematical Bulletin</i> , 2002, 45, 131-137.	0.5	3
48	The second Yang-Baxter homology for the HOMFLYPT polynomial. <i>Journal of Knot Theory and Its Ramifications</i> , 2021, 30, .	0.3	3
49	Branched Covers of Tangles in Three-balls. <i>Canadian Mathematical Bulletin</i> , 2003, 46, 356-364.	0.5	2
50	The Gram determinant for plane curves. <i>Involve</i> , 2010, 3, 149-169.	0.2	2
51	Nonorientable, incompressible surfaces in punctured-torus bundles over S^1 . <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2019, 113, 1975-2000.	1.2	2
52	Geometric realization of the almost-extreme Khovanov homology of semiadequate links. <i>Geometriae Dedicata</i> , 2020, 204, 387-401.	0.3	2
53	Annihilation of torsion in homology of finite m-AQ quandles. <i>Journal of Knot Theory and Its Ramifications</i> , 2016, 25, 1642012.	0.3	1
54	Knot Theory: From Fox 3-Colorings of Links to Yang-Baxter Homology and Khovanov Homology. <i>Springer Proceedings in Mathematics and Statistics</i> , 2019, , 115-145.	0.2	1

#	ARTICLE	IF	CITATIONS
55	ESTIMATING THE SIZE OF SKEIN HOMOLOGIES. , 2000, , .		1
56	Kauffman bracket skein module of the connected sum of handlebodies: a counterexample. Manuscripta Mathematica, 0, , 1.	0.6	0
57	Forty years in mathematics: Personal perspective (PartÂ). Journal of Knot Theory and Its Ramifications, 2021, 30, .	0.3	0