

JÃ³zef H Przytycki

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3161932/publications.pdf>

Version: 2024-02-01

57
papers

606
citations

687363

13
h-index

752698

20
g-index

60
all docs

60
docs citations

60
times ranked

124
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A generalization of the Gram determinant of type A. <i>Topology and Its Applications</i> , 2021, 295, 107663. | 0.4 | 3 |
| 2 | The second Yang-Baxter homology for the HOMFLYPT polynomial. <i>Journal of Knot Theory and Its Ramifications</i> , 2021, 30, . | 0.3 | 3 |
| 3 | Forty years in mathematics: Personal perspective (Part I). <i>Journal of Knot Theory and Its Ramifications</i> , 2021, 30, . | 0.3 | 0 |
| 4 | Geometric realization of the almost-extreme Khovanov homology of semiadequate links. <i>Geometriae Dedicata</i> , 2020, 204, 387-401. | 0.3 | 2 |
| 5 | On framings of links in 3-manifolds. <i>Canadian Mathematical Bulletin</i> , 2020, , 1-13. | 0.5 | 3 |
| 6 | Schur multipliers and second quandle homology. <i>Journal of Algebra</i> , 2020, 552, 52-67. | 0.7 | 3 |
| 7 | 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 |
| 8 | 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 |
| 9 | Catalan states of lattice crossing: An application of plucking polynomial. <i>Topology and Its Applications</i> , 2019, 254, 12-28. | 0.4 | 4 |
| 10 | Homotopy type of circle graph complexes motivated by extreme Khovanov homology. <i>Journal of Algebraic Combinatorics</i> , 2018, 48, 119-156. | 0.8 | 6 |
| 11 | Search for Torsion in Khovanov Homology. <i>Experimental Mathematics</i> , 2018, 27, 488-497. | 0.7 | 11 |
| 12 | Strict unimodality of plucking polynomials of rooted trees. <i>Journal of Knot Theory and Its Ramifications</i> , 2018, 27, 1841009. | 0.3 | 4 |
| 13 | Realization of plucking polynomials. <i>Journal of Knot Theory and Its Ramifications</i> , 2017, 26, 1740016. | 0.3 | 6 |
| 14 | On homology of associative shelves. <i>Journal of Homotopy and Related Structures</i> , 2017, 12, 741-763. | 0.7 | 3 |
| 15 | q-Polynomial Invariant of Rooted Trees. <i>Arnold Mathematical Journal</i> , 2016, 2, 449-461. | 0.4 | 7 |
| 16 | The degenerate distributive complex is degenerate. <i>European Journal of Mathematics</i> , 2016, 2, 993-1012. | 0.5 | 4 |
| 17 | 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 |
| 18 | Catalan states of lattice crossing. <i>Topology and Its Applications</i> , 2015, 182, 1-15. | 0.4 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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 |
| 20 | Knots and Distributive Homology: From Arc Colorings to Yang-Baxter Homology. <i>Series on Knots and Everything</i> , 2015, , 413-488. | 0.0 | 13 |
| 21 | Distributive Products and Their Homology. <i>Communications in Algebra</i> , 2014, 42, 1258-1269. | 0.6 | 13 |
| 22 | Torsion in Khovanov homology of semi-adequate links. <i>Fundamenta Mathematicae</i> , 2014, 225, 277-303. | 0.5 | 17 |
| 23 | Torsion in one-term distributive homology. <i>Fundamenta Mathematicae</i> , 2014, 225, 75-94. | 0.5 | 3 |
| 24 | Homology of distributive lattices. <i>Journal of Homotopy and Related Structures</i> , 2013, 8, 35-65. | 0.7 | 6 |
| 25 | Distributivity versus associativity in the homology theory of algebraic structures. <i>Demonstratio Mathematica</i> , 2011, 44, . | 1.5 | 8 |
| 26 | THE TRIESTE LOOK AT KNOT THEORY. <i>Series on Knots and Everything</i> , 2011, , 407-441. | 0.0 | 4 |
| 27 | 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 |
| 28 | From Goeritz Matrices to Quasi-alternating Links. , 2011, , 257-316. | | 15 |
| 29 | Homology operations on homology of quandles. <i>Journal of Algebra</i> , 2010, 324, 1529-1548. | 0.7 | 16 |
| 30 | The Gram determinant for plane curves. <i>Involve</i> , 2010, 3, 149-169. | 0.2 | 2 |
| 31 | On the first group of the chromatic cohomology of graphs. <i>Geometriae Dedicata</i> , 2009, 140, 19-48. | 0.3 | 21 |
| 32 | The Gram determinant of the type B Temperley-Lieb algebra. <i>Advances in Applied Mathematics</i> , 2009, 43, 156-161. | 0.7 | 7 |
| 33 | 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 |
| 34 | 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 |
| 35 | Non-Left-Orderable 3-Manifold Groups. <i>Canadian Mathematical Bulletin</i> , 2005, 48, 32-40. | 0.5 | 20 |
| 36 | 3-manifolds, tangles and persistent invariants. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 2005, 139, 291. | 0.4 | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Khovanov Homology: Torsion and Thickness. , 2004, , 135-166. | | 22 |
| 38 | Symmetry of Links and Classification of Lens Spaces. Geometriae Dedicata, 2003, 98, 57-61. | 0.3 | 9 |
| 39 | Branched Covers of Tangles in Three-balls. Canadian Mathematical Bulletin, 2003, 46, 356-364. | 0.5 | 2 |
| 40 | The Topological Interpretation of the Core Group of a Surface in S^4 . Canadian Mathematical Bulletin, 2002, 45, 131-137. | 0.5 | 3 |
| 41 | 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 |
| 42 | Surgeries on periodic links and homology of periodic 3-manifolds. Mathematical Proceedings of the Cambridge Philosophical Society, 2001, 131, 295-307. | 0.4 | 15 |
| 43 | Kauffman bracket skein module of a connected sum of 3-manifolds. Manuscripta Mathematica, 2000, 101, 199-207. | 0.6 | 18 |
| 44 | ESTIMATING THE SIZE OF SKEIN HOMOLOGIES. , 2000, , . | | 1 |
| 45 | Multiplicative structure of Kauffman bracket skein module quantizations. Proceedings of the American Mathematical Society, 1999, 128, 923-931. | 0.8 | 63 |
| 46 | Tangle Surgeries Which Preserve Jones-Type Polynomials. International Journal of Mathematics, 1997, 08, 1015-1027. | 0.5 | 3 |
| 47 | The Kauffman bracket skein module of $S^1 \times S^2$. Mathematische Zeitschrift, 1995, 220, 65-73. | 0.9 | 34 |
| 48 | THE $(2, \hat{\alpha})$ -SKEIN MODULE OF WHITEHEAD MANIFOLDS. Journal of Knot Theory and Its Ramifications, 1995, 04, 411-427. | 0.3 | 11 |
| 49 | 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 |
| 50 | Elementary conjectures in classical knot theory. Series on Knots and Everything, 1993, , 292-320. | 0.0 | 5 |
| 51 | The t_3 moves conjecture for oriented links with matched diagrams. Mathematical Proceedings of the Cambridge Philosophical Society, 1990, 108, 55-61. | 0.4 | 6 |
| 52 | 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 |
| 53 | Incompressible surfaces in the exterior of a closed 3-braid. Mathematical Proceedings of the Cambridge Philosophical Society, 1985, 98, 275-299. | 0.4 | 30 |
| 54 | Kauffman bracket skein module of the connected sum of handlebodies: a counterexample. Manuscripta Mathematica, 0, , 1. | 0.6 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Torsion in graph homology. <i>Fundamenta Mathematicae</i> , 0, 190, 139-177. | 0.5 | 20 |
| 56 | Burnside kei. <i>Fundamenta Mathematicae</i> , 0, 190, 211-229. | 0.5 | 9 |
| 57 | 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 |