

Bertrand Patureau-Mirand

List of Publications by Year in descending order

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citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | M-traces in (Non-Unimodular) Pivotal Categories. Algebras and Representation Theory, 2022, 25, 759-776. | 0.7 | 8 |
| 2 | Modified graded Hennings invariants from unrolled quantum groups and modified integral. Journal of Pure and Applied Algebra, 2022, 226, 106815. | 0.6 | 3 |
| 3 | 3-Dimensional TQFTs from non-semisimple modular categories. Selecta Mathematica, New Series, 2022, 28, 1. | 1.0 | 7 |
| 4 | Pseudo-Hermitian Levin-Wen models from non-semisimple TQFTs. Annals of Physics, 2022, 442, 168937. | 2.8 | 2 |
| 5 | Relative (pre)-modular categories from special linear Lie superalgebras. Journal of Algebra, 2021, 586, 479-525. | 0.7 | 0 |
| 6 | Holonomy braidings, biquandles and quantum invariants of links with $\mathbb{S}L_2(\mathbb{C})$ TQFTs. Journal of Algebra, 2021, 586, 479-525. | 1.0 | 5 |
| 7 | Nonsemisimple quantum invariants and TQFTs from small and unrolled quantum groups. Algebraic and Geometric Topology, 2020, 20, 3377-3422. | 0.4 | 11 |
| 8 | Kuperberg and Turaev-Viro invariants in unimodular categories. Pacific Journal of Mathematics, 2020, 306, 421-450. | 0.5 | 3 |
| 9 | The trace on projective representations of quantum groups. Letters in Mathematical Physics, 2018, 108, 117-140. | 1.1 | 12 |
| 10 | Renormalized Hennings Invariants and $2\hat{A}1$ -TQFTs. Communications in Mathematical Physics, 2018, 362, 855-907. | 2.2 | 16 |
| 11 | Corrigendum to "Some remarks on the unrolled quantum group of $sl(2)$ ". Journal of Pure and Applied Algebra, 2017, 221, 749-750. | 0.6 | 0 |
| 12 | Other quantum relatives of the Alexander polynomial through the Links-Gould invariants. Proceedings of the American Mathematical Society, 2017, 145, 5419-5433. | 0.8 | 0 |
| 13 | Non-semi-simple TQFTs, Reidemeister torsion and Kashaev's invariants. Advances in Mathematics, 2016, 301, 1-78. | 1.1 | 27 |
| 14 | Some remarks on the unrolled quantum group of $sl(2)$. Journal of Pure and Applied Algebra, 2015, 219, 3238-3262. | 0.6 | 35 |
| 15 | Relations between Witten-Turaev and nonsemisimple $sl(2)$ manifold invariants. Algebraic and Geometric Topology, 2015, 15, 1363-1386. | 0.4 | 4 |
| 16 | Quantum invariants of 3-manifolds via link surgery presentations and non-semi-simple categories. Journal of Topology, 2014, 7, 1005-1053. | 0.5 | 50 |
| 17 | Non Semi-Simple $\mathfrak{sl}(2)$ Quantum Invariants, Spin Case. Acta Mathematica Vietnamica, 2014, 39, 481-495. | 0.4 | 0 |
| 18 | G-LINKS INVARIANTS, MARKOV TRACES AND THE SEMI-CYCLIC $U_q(\mathfrak{sl}(2))$ -MODULES. Journal of Knot Theory and Its Ramifications, 2013, 22, 1350063. | 0.3 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Ambidextrous objects and trace functions for nonsemisimple categories. Proceedings of the American Mathematical Society, 2013, 141, 2963-2978. | 0.8 | 31 |
| 20 | Topological invariants from nonrestricted quantum groups. Algebraic and Geometric Topology, 2013, 13, 3305-3363. | 0.4 | 15 |
| 21 | Noninjectivity of the Hom -map. Algebraic and Geometric Topology, 2012, 12, 415-420. | 0.4 | 2 |
| 22 | Traces on ideals in pivotal categories. Quantum Topology, 2012, 4, 91-124. | 0.9 | 30 |
| 23 | Generalized trace and modified dimension functions on ribbon categories. Selecta Mathematica, New Series, 2011, 17, 453-504. | 1.0 | 37 |
| 24 | Modified 6j-symbols and 3-manifold invariants. Advances in Mathematics, 2011, 228, 1163-1202. | 1.1 | 13 |
| 25 | Polynomial 6j-symbols and states sums. Algebraic and Geometric Topology, 2011, 11, 1821-1860. | 0.4 | 5 |
| 26 | MULTIVARIABLE LINK INVARIANTS ARISING FROM LIE SUPERALGEBRAS OF TYPE I. Journal of Knot Theory and Its Ramifications, 2010, 19, 93-115. | 0.3 | 12 |
| 27 | Modified quantum dimensions and re-normalized link invariants. Compositio Mathematica, 2009, 145, 196-212. | 0.8 | 57 |
| 28 | ON THE COLORED HOMFLY-PT, MULTIVARIABLE AND KASHAEV LINK INVARIANTS. Communications in Contemporary Mathematics, 2008, 10, 993-1011. | 1.2 | 8 |
| 29 | An invariant supertrace for the category of representations of Lie superalgebras of type I. Pacific Journal of Mathematics, 2008, 238, 331-348. | 0.5 | 8 |
| 30 | Multivariable link invariants arising from $\langle \text{si1.gif} \rangle$ display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/co | 0.6 | 16 |
| 31 | Quantum link invariant from the Lie superalgebra $D_{2\hat{1},\hat{1}}$. Algebraic and Geometric Topology, 2006, 6, 329-349. | 0.4 | 1 |
| 32 | Link Invariant for the Spinor Representation of \mathfrak{so}_7 . Journal of Knot Theory and Its Ramifications, 2003, 12, 605-617. | 0.3 | 1 |
| 33 | Caractères sur l'algèbre de diagrammes trivalents Lambda. Geometry and Topology, 2002, 6, 563-607. | 1.3 | 3 |
| 34 | Caractères sur l'algèbre de diagrammes $\hat{\Lambda}$. Comptes Rendus Mathématique, 1999, 329, 803-806. | 0.5 | 1 |