

# Bertrand Patureau-Mirand

## List of Publications by Year in descending order

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34  
papers

425  
citations

759233

12  
h-index

752698

20  
g-index

34  
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34  
docs citations

34  
times ranked

52  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modified quantum dimensions and re-normalized link invariants. <i>Compositio Mathematica</i> , 2009, 145, 196-212.	0.8	57
2	Quantum invariants of 3-manifolds via link surgery presentations and non-semi-simple categories. <i>Journal of Topology</i> , 2014, 7, 1005-1053.	0.5	50
3	Generalized trace and modified dimension functions on ribbon categories. <i>Selecta Mathematica, New Series</i> , 2011, 17, 453-504.	1.0	37
4	Some remarks on the unrolled quantum group of $sl_2$ . <i>Journal of Pure and Applied Algebra</i> , 2015, 219, 3238-3262.	0.6	35
5	Ambidextrous objects and trace functions for nonsemisimple categories. <i>Proceedings of the American Mathematical Society</i> , 2013, 141, 2963-2978.	0.8	31
6	Traces on ideals in pivotal categories. <i>Quantum Topology</i> , 2012, 4, 91-124.	0.9	30
7	Non-semi-simple TQFTs, Reidemeister torsion and Kashaev's invariants. <i>Advances in Mathematics</i> , 2016, 301, 1-78.	1.1	27
8	Multivariable link invariants arising from $sl_2$ . <i>Journal of Knot Theory and Its Ramifications</i> , 2010, 19, 93-115.	0.6	16
9	Renormalized Hennings invariants and $2A+1A$ -TQFTs. <i>Communications in Mathematical Physics</i> , 2018, 362, 855-907.	2.2	16
10	Topological invariants from nonrestricted quantum groups. <i>Algebraic and Geometric Topology</i> , 2013, 13, 3305-3363.	0.4	15
11	Modified 6j-symbols and 3-manifold invariants. <i>Advances in Mathematics</i> , 2011, 228, 1163-1202.	1.1	13
12	MULTIVARIABLE LINK INVARIANTS ARISING FROM LIE SUPERALGEBRAS OF TYPE I. <i>Journal of Knot Theory and Its Ramifications</i> , 2010, 19, 93-115.	0.3	12
13	The trace on projective representations of quantum groups. <i>Letters in Mathematical Physics</i> , 2018, 108, 117-140.	1.1	12
14	Nonsemisimple quantum invariants and TQFTs from small and unrolled quantum groups. <i>Algebraic and Geometric Topology</i> , 2020, 20, 3377-3422.	0.4	11
15	ON THE COLORED HOMFLY-PT, MULTIVARIABLE AND KASHAEV LINK INVARIANTS. <i>Communications in Contemporary Mathematics</i> , 2008, 10, 993-1011.	1.2	8
16	M-traces in (Non-Unimodular) Pivotal Categories. <i>Algebras and Representation Theory</i> , 2022, 25, 759-776.	0.7	8
17	An invariant supertrace for the category of representations of Lie superalgebras of type I. <i>Pacific Journal of Mathematics</i> , 2008, 238, 331-348.	0.5	8
18	3-Dimensional TQFTs from non-semisimple modular categories. <i>Selecta Mathematica, New Series</i> , 2022, 28, 1.	1.0	7

