

Mike Zabrocki

List of Publications by Year in descending order

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Supercharacters, symmetric functions in noncommuting variables, and related Hopf algebras. <i>Advances in Mathematics</i> , 2012, 229, 2310-2337.	1.1	47
2	THE HOPF ALGEBRAS OF SYMMETRIC FUNCTIONS AND QUASI-SYMMETRIC FUNCTIONS IN NON-COMMUTATIVE VARIABLES ARE FREE AND CO-FREE. <i>Journal of Algebra and Its Applications</i> , 2009, 08, 581-600.	0.4	41
3	A Compositional Shuffle Conjecture Specifying Touch Points of the Dyck Path. <i>Canadian Journal of Mathematics</i> , 2012, 64, 822-844.	0.6	39
4	A Lift of the Schur and Hall-Littlewood Bases to Non-commutative Symmetric Functions. <i>Canadian Journal of Mathematics</i> , 2014, 66, 525-565.	0.6	38
5	Invariants and Coinvariants of the Symmetric Group in Noncommuting Variables. <i>Canadian Journal of Mathematics</i> , 2008, 60, 266-296.	0.6	35
6	Indecomposable modules for the dual immaculate basis of quasi-symmetric functions. <i>Proceedings of the American Mathematical Society</i> , 2014, 143, 991-1000.	0.8	21
7	Hall-Littlewood Vertex Operators and Generalized Kostka Polynomials. <i>Advances in Mathematics</i> , 2001, 158, 66-85.	1.1	19
8	Hall-Littlewood Operators in the Theory of Parking Functions and Diagonal Harmonics. <i>International Mathematics Research Notices</i> , 2012, 2012, 1264-1299.	1.0	14
9	The Murnaghan-Nakayama rule for k -Schur functions. <i>Journal of Combinatorial Theory - Series A</i> , 2011, 118, 1588-1607.	0.8	13
10	k -Schur Functions and Affine Schubert Calculus. <i>Fields Institute Monographs</i> , 2014, , .	0.4	12
11	Expressions for Catalan Kronecker products. <i>Pacific Journal of Mathematics</i> , 2010, 248, 31-48.	0.5	12
12	q and $\langle \text{mml:math altimg="si5.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x$	0.7	11
13	Symmetric group characters as symmetric functions. <i>Advances in Mathematics</i> , 2021, 390, 107943.	1.1	8
14	Deformed universal characters for classical and affine algebras. <i>Journal of Algebra</i> , 2006, 299, 33-61.	0.7	7
15	KRONECKER COEFFICIENTS VIA SYMMETRIC FUNCTIONS AND CONSTANT TERM IDENTITIES. <i>International Journal of Algebra and Computation</i> , 2012, 22, 1250022.	0.5	7
16	The Pieri Rule for Dual Immaculate Quasi-Symmetric Functions. <i>Annals of Combinatorics</i> , 2016, 20, 283-300.	0.6	7
17	Products of symmetric group characters. <i>Journal of Combinatorial Theory - Series A</i> , 2019, 165, 299-324.	0.8	7
18	An insertion algorithm on multiset partitions with applications to diagram algebras. <i>Journal of Algebra</i> , 2020, 557, 97-128.	0.7	7

#	ARTICLE	IF	CITATIONS
19	Hilbert series of invariants, constant terms and Kostka-Foulkes polynomials. Discrete Mathematics, 2009, 309, 5206-5230.	0.7	6
20	Multiplicative structures of the immaculate basis of non-commutative symmetric functions. Journal of Combinatorial Theory - Series A, 2017, 152, 10-44.	0.8	6
21	Expansion of k -Schur functions for maximal rectangles within the affine nilCoxeter algebra. Electronic Journal of Combinatorics, 2012, 3, 563-589.	0.1	5
22	Vertex Operators for Standard Bases of the Symmetric Functions. Journal of Algebraic Combinatorics, 2001, 13, 83-101.	0.8	4
23	Stanley Symmetric Functions and Peterson Algebras. Fields Institute Monographs, 2014, , 133-168.	0.4	4
24	Ribbon Operators and Hall-Littlewood Symmetric Functions. Advances in Mathematics, 2000, 156, 33-43.	1.1	3
25	q -Analogues of symmetric function operators. Discrete Mathematics, 2002, 256, 831-853.	0.7	3
26	Posets related to the connectivity set of Coxeter groups. Journal of Algebra, 2006, 303, 831-846.	0.7	3
27	Positivity for Special Cases of (q,t) -Kostka Coefficients and Standard Tableaux Statistics. Electronic Journal of Combinatorics, 1999, 6, .	0.4	3
28	Expansions of k -Schur Functions in the Affine nilCoxeter Algebra. Electronic Journal of Combinatorics, 2012, 19, .	0.4	3
29	A three shuffle case of the compositional parking function conjecture. Journal of Combinatorial Theory - Series A, 2014, 123, 202-238.	0.8	2
30	The Hopf structure of symmetric group characters as symmetric functions. Algebraic Combinatorics, 2021, 4, 551-574.	0.3	2
31	A new $\hat{\epsilon}$ -invariant arising from the two part case of the shuffle conjecture. Journal of Algebraic Combinatorics, 2013, 37, 683-715.	0.8	1
32	Symmetries on the Lattice of k -Bounded Partitions. Annals of Combinatorics, 2016, 20, 251-281.	0.6	1
33	Invariants and Coinvariants of the Symmetric Group in Noncommuting Variables. Canadian Journal of Mathematics, 2008, 60, 266.	0.6	1
34	Proof of the 2-part compositional shuffle conjecture. Progress in Mathematics, 2014, , 227-257.	0.3	1
35	A proof of the 4-variable Catalan polynomial of the Delta conjecture. Electronic Journal of Combinatorics, 2019, 10, 599-632.	0.1	1
36	On the S_n -module structure of the noncommutative harmonics. Journal of Combinatorial Theory - Series A, 2008, 115, 1077-1085.	0.8	0

#	ARTICLE	IF	CITATIONS
37	A non-commutative generalization of k -Schur functions. Discrete Mathematics, 2009, 309, 5092-5105.	0.7	0
38	Words and Polynomial Invariants of Finite Groups in Non-Commutative Variables. Annals of Combinatorics, 2012, 16, 1-36.	0.6	0
39	Primer on k -Schur Functions. Fields Institute Monographs, 2014, , 9-131.	0.4	0