

Mark Shimozono

List of Publications by Year in descending order

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citations

430874

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g-index

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all docs

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docs citations

45
times ranked

159
citing authors

#	ARTICLE	IF	CITATIONS
1	On cyclic quiver parabolic Kostka-Shoji polynomials. Journal of Combinatorial Theory - Series A, 2022, 190, 105634.	0.8	1
2	Back stable Schubert calculus. Compositio Mathematica, 2021, 157, 883-962.	0.8	22
3	Specializations of nonsymmetric Macdonald-Koornwinder polynomials. Journal of Algebraic Combinatorics, 2018, 47, 91-127.	0.8	10
4	A conjectural Peterson isomorphism in K-theory. Journal of Algebra, 2018, 513, 326-343.	0.7	12
5	Quantum double Schubert polynomials represent Schubert classes. Proceedings of the American Mathematical Society, 2014, 142, 835-850.	0.8	3
6	Equivariant K-Chevalley rules for Kac-Moody flag manifolds. American Journal of Mathematics, 2014, 136, 1175-1213.	1.1	4
7	Stanley Symmetric Functions and Peterson Algebras. Fields Institute Monographs, 2014, , 133-168.	0.4	4
8	Affine Schubert Calculus. Fields Institute Monographs, 2014, , 169-212.	0.4	0
9	Primer on k -Schur Functions. Fields Institute Monographs, 2014, , 9-131.	0.4	0
10	k -Double Schur functions and equivariant (co)homology of the affine Grassmannian. Mathematische Annalen, 2013, 356, 1379-1404.	1.4	10
11	Equivariant Pieri Rule for the homology of the affine Grassmannian. Journal of Algebraic Combinatorics, 2012, 36, 623-648.	0.8	4
12	Affine crystals, one-dimensional sums and parabolic Lusztig q -analogues. Mathematische Zeitschrift, 2012, 271, 819-865.	0.9	15
13	The poset of k -shapes and branching rules for k -Schur functions. Memoirs of the American Mathematical Society, 2012, 223, 1.	0.9	6
14	From quantum Schubert polynomials to k -Schur functions via the Toda lattice. Mathematical Research Letters, 2012, 19, 81-93.	0.5	8
15	Schubert polynomials for the affine Grassmannian of the symplectic group. Mathematische Zeitschrift, 2010, 264, 765-811.	0.9	19
16	Quantum cohomology of G/P and homology of affine Grassmannian. Acta Mathematica, 2010, 204, 49-90.	3.9	63
17	K -theory Schubert calculus of the affine Grassmannian. Compositio Mathematica, 2010, 146, 811-852.	0.8	30
18	Equivariant K-theory of affine flag manifolds and affine Grothendieck polynomials. Duke Mathematical Journal, 2009, 148, .	1.5	21

#	ARTICLE	IF	CITATIONS
19	Stable Grothendieck polynomials and K-theoretic factor sequences. <i>Mathematische Annalen</i> , 2008, 340, 359-382.	1.4	43
20	Dual graded graphs for Kac-Moody algebras. <i>Algebra and Number Theory</i> , 2007, 1, 451-488.	0.6	18
21	Demazure structure inside Kirillov-Reshetikhin crystals. <i>Journal of Algebra</i> , 2007, 309, 386-404.	0.7	27
22	Lusztig's q-analogue of weight multiplicity and one-dimensional sums for affine root systems. <i>Advances in Mathematics</i> , 2007, 208, 438-466.	1.1	10
23	Deformed universal characters for classical and affine algebras. <i>Journal of Algebra</i> , 2006, 299, 33-61.	0.7	7
24	Four positive formulae for type A quiver polynomials. <i>Inventiones Mathematicae</i> , 2006, 166, 229-325.	2.5	33
25	Virtual Crystals and Kleber's Algorithm. <i>Communications in Mathematical Physics</i> , 2003, 238, 187-209.	2.2	29
26	A tensor product theorem related to perfect crystals. <i>Journal of Algebra</i> , 2003, 267, 212-245.	0.7	12
27	Virtual crystals and fermionic formulas of type $A_{n-1}^{(1)}$, $A_{n-1}^{(2)}$, and $A_{n-1}^{(1,1)}$. <i>Representation Theory</i> , 2003, 7, 101-163.	0.5	34
28	A CRYSTAL TO RIGGED CONFIGURATION BIJECTION FOR NONEXCEPTIONAL AFFINE ALGEBRAS. , 2003, , 85-124.		15
29	A Generalization of the Kostka-Foulkes Polynomials. <i>Journal of Algebraic Combinatorics</i> , 2002, 15, 27-69.	0.8	26
30	Title is missing!. <i>Journal of Algebraic Combinatorics</i> , 2002, 15, 151-187.	0.8	70
31	Fermionic Formulas for Level-Restricted Generalized Kostka Polynomials and Coset Branching Functions. <i>Communications in Mathematical Physics</i> , 2001, 220, 105-164.	2.2	24
32	Hall-Littlewood Vertex Operators and Generalized Kostka Polynomials. <i>Advances in Mathematics</i> , 2001, 158, 66-85.	1.1	19
33	A Cyclage Poset Structure for Littlewood-Richardson Tableaux. <i>European Journal of Combinatorics</i> , 2001, 22, 365-393.	0.8	25
34	Multi-atoms and Monotonicity of Generalized Kostka Polynomials. <i>European Journal of Combinatorics</i> , 2001, 22, 395-414.	0.8	19
35	Graded Characters of Modules Supported in the Closure of a Nilpotent Conjugacy Class. <i>European Journal of Combinatorics</i> , 2000, 21, 257-288.	0.8	38
36	Bases for Coordinate Rings of Conjugacy Classes of Nilpotent Matrices. <i>Journal of Algebra</i> , 1999, 220, 1-55.	0.7	4

#	ARTICLE	IF	CITATIONS
37	Multiplying Schur Q-functions. Journal of Combinatorial Theory - Series A, 1999, 87, 198-232.	0.8	7
38	A simple proof of the Littlewood-Richardson rule and applications. Discrete Mathematics, 1998, 193, 257-266.	0.7	20
39	Percentage-Avoiding, Northwest Shapes and Peelable Tableaux. Journal of Combinatorial Theory - Series A, 1998, 82, 1-73.	0.8	25
40	Key polynomials and a flagged Littlewood-Richardson rule. Journal of Combinatorial Theory - Series A, 1995, 70, 107-143.	0.8	61
41	Plactification. Journal of Algebraic Combinatorics, 1995, 4, 331-351.	0.8	10
42	A Uniform Model for Kirillov-Reshetikhin Crystals II. Alcove Model, Path Model, and $\mathbb{P}=\mathbb{X}$. International Mathematics Research Notices, 0, , rnw129.	1.0	12