Mark Shimozono

List of Publications by Year
in descending order

42	855	430874	526287
papers	citations	18	27
		h-index	g-index

45	45	45	159
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Title is missing!. Journal of Algebraic Combinatorics, 2002, 15, 151-187.	0.8	70
2	Quantum cohomology of G/P and homology of affine Grassmannian. Acta Mathematica, 2010, 204, 49-90.	3.9	63
3	Key polynomials and a flagged Littlewoodâ€"Richardson rule. Journal of Combinatorial Theory - Series A, 1995, 70, 107-143.	0.8	61
4	Stable Grothendieck polynomials and K-theoretic factor sequences. Mathematische Annalen, 2008, 340, 359-382.	1.4	43
5	Graded Characters of Modules Supported in the Closure of a Nilpotent Conjugacy Class. European Journal of Combinatorics, 2000, 21, 257-288.	0.8	38
6	Virtual crystals and fermionic formulas of type $?_{\{?+1\}}^{(2)}$, $?_{\{2?\}}^{(2)}$, and $?_{\{?\}}^{(1)}$. Representation Theory, 2003, 7, 101-163.	0.5	34
7	Four positive formulae for type A quiver polynomials. Inventiones Mathematicae, 2006, 166, 229-325.	2.5	33
8	<i>K</i>-theory Schubert calculus of the affine Grassmannian. Compositio Mathematica, 2010, 146, 811-852.	0.8	30
9	Virtual Crystals and Kleber's Algorithm. Communications in Mathematical Physics, 2003, 238, 187-209.	2.2	29
10	Demazure structure inside Kirillovâ€"Reshetikhin crystals. Journal of Algebra, 2007, 309, 386-404.	0.7	27
11	A Generalization of the Kostkaâ€"Foulkes Polynomials. Journal of Algebraic Combinatorics, 2002, 15, 27-69.	0.8	26
12	Percentage-Avoiding, Northwest Shapes and Peelable Tableaux. Journal of Combinatorial Theory - Series A, 1998, 82, 1-73.	0.8	25
13	A Cyclage Poset Structure for Littlewoodâ€"Richardson Tableaux. European Journal of Combinatorics, 2001, 22, 365-393.	0.8	25
14	Fermionic Formulas for Level-Restricted Generalized Kostka Polynomials and Coset Branching Functions. Communications in Mathematical Physics, 2001, 220, 105-164.	2.2	24
15	Back stable Schubert calculus. Compositio Mathematica, 2021, 157, 883-962.	0.8	22
16	Equivariant K-theory of affine flag manifolds and affine Grothendieck polynomials. Duke Mathematical Journal, 2009, 148, .	1.5	21
17	A simple proof of the Littlewood-Richardson rule and applications. Discrete Mathematics, 1998, 193, 257-266.	0.7	20
18	Hallâ€"Littlewood Vertex Operators and Generalized Kostka Polynomials. Advances in Mathematics, 2001, 158, 66-85.	1.1	19

#	ARTICLE	IF	CITATIONS
19	Multi-atoms and Monotonicity of Generalized Kostka Polynomials. European Journal of Combinatorics, 2001, 22, 395-414.	0.8	19
20	Schubert polynomials for the affine Grassmannian of the symplectic group. Mathematische Zeitschrift, 2010, 264, 765-811.	0.9	19
21	Dual graded graphs for Kacâ€"Moody algebras. Algebra and Number Theory, 2007, 1, 451-488.	0.6	18
22	Affine crystals, one-dimensional sums and parabolic Lusztig q-analogues. Mathematische Zeitschrift, 2012, 271, 819-865.	0.9	15
23	A CRYSTAL TO RIGGED CONFIGURATION BIJECTION FOR NONEXCEPTIONAL AFFINE ALGEBRAS. , 2003, , 85-124.		15
24	A tensor product theorem related to perfect crystals. Journal of Algebra, 2003, 267, 212-245.	0.7	12
25	A Uniform Model for Kirillovâ€"Reshetikhin Crystals II. Alcove Model, Path Model, and $P=X$. International Mathematics Research Notices, 0, , rnw129.	1.0	12
26	A conjectural Peterson isomorphism in K-theory. Journal of Algebra, 2018, 513, 326-343.	0.7	12
27	Plactification. Journal of Algebraic Combinatorics, 1995, 4, 331-351.	0.8	10
28	Lusztig's q-analogue of weight multiplicity and one-dimensional sums for affine root systems. Advances in Mathematics, 2007, 208, 438-466.	1.1	10
29	$$k$$ -Double Schur functions and equivariant (co)homology of the affine Grassmannian. Mathematische Annalen, 2013, 356, 1379-1404.	1.4	10
30	Specializations of nonsymmetric Macdonaldâ€"Koornwinder polynomials. Journal of Algebraic Combinatorics, 2018, 47, 91-127.	0.8	10
31	From quantum Schubert polynomials to k-Schur functions via the Toda lattice. Mathematical Research Letters, 2012, 19, 81-93.	0.5	8
32	Multiplying Schur Q-functions. Journal of Combinatorial Theory - Series A, 1999, 87, 198-232.	0.8	7
33	Deformed universal characters for classical and affine algebras. Journal of Algebra, 2006, 299, 33-61.	0.7	7
34	The poset of k-shapes and branching rules for k-Schur functions. Memoirs of the American Mathematical Society, 2012, 223, 1.	0.9	6
35	Bases for Coordinate Rings of Conjugacy Classes of Nilpotent Matrices. Journal of Algebra, 1999, 220, 1-55.	0.7	4
36	Equivariant Pieri Rule for the homology of the affine Grassmannian. Journal of Algebraic Combinatorics, 2012, 36, 623-648.	0.8	4

#	Article	IF	Citations
37	Equivariant K-Chevalley rules for Kac-Moody flag manifolds. American Journal of Mathematics, 2014, 136, 1175-1213.	1.1	4
38	Stanley Symmetric Functions and Peterson Algebras. Fields Institute Monographs, 2014, , 133-168.	0.4	4
39	Quantum double Schubert polynomials represent Schubert classes. Proceedings of the American Mathematical Society, 2014, 142, 835-850.	0.8	3
40	On cyclic quiver parabolic Kostka-Shoji polynomials. Journal of Combinatorial Theory - Series A, 2022, 190, 105634.	0.8	1
41	Affine Schubert Calculus. Fields Institute Monographs, 2014, , 169-212.	0.4	0
42	Primer on k-Schur Functions. Fields Institute Monographs, 2014, , 9-131.	0.4	0