

Tom Halverson

List of Publications by Year in descending order

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26
papers

505
citations

933447

10
h-index

677142

22
g-index

26
all docs

26
docs citations

26
times ranked

242
citing authors

#	ARTICLE	IF	CITATIONS
1	Partition algebras. <i>European Journal of Combinatorics</i> , 2005, 26, 869-921.	0.8	139
2	Topological Data Analysis of Biological Aggregation Models. <i>PLoS ONE</i> , 2015, 10, e0126383.	2.5	120
3	Representations of the q-rook monoid. <i>Journal of Algebra</i> , 2004, 273, 227-251.	0.7	31
4	Characters of the Partition Algebras. <i>Journal of Algebra</i> , 2001, 238, 502-533.	0.7	24
5	Motzkin algebras. <i>European Journal of Combinatorics</i> , 2014, 36, 473-502.	0.8	24
6	Murnaghan-Nakayama Rules for Characters of Iwahori-Hecke Algebras of the Complex Reflection Groups $G(r, p, n)$. <i>Canadian Journal of Mathematics</i> , 1998, 50, 167-192.	0.6	20
7	Representations of the Rook-Brauer Algebra. <i>Communications in Algebra</i> , 2014, 42, 423-443.	0.6	15
8	RSK Insertion for Set Partitions and Diagram Algebras. <i>Electronic Journal of Combinatorics</i> , 2004, 11, .	0.4	15
9	Commuting Families in Hecke and Temperley-Lieb Algebras. <i>Nagoya Mathematical Journal</i> , 2009, 195, 125-152.	0.8	12
10	The Planar Rook Algebra and Pascal's Triangle. <i>L'Enseignement Mathématique</i> , 2009, 55, 77-92.	0.1	11
11	Dimensions of irreducible modules for partition algebras and tensor power multiplicities for symmetric and alternating groups. <i>Journal of Algebraic Combinatorics</i> , 2017, 46, 77-108.	0.8	11
12	Murnaghan-Nakayama rules for characters of Iwahori-Hecke algebras of classical type. <i>Transactions of the American Mathematical Society</i> , 1996, 348, 3967-3995.	0.9	10
13	q-Rook Monoid Algebras, Hecke Algebras, and Schur-Weyl Duality. <i>Journal of Mathematical Sciences</i> , 2004, 121, 2419-2436.	0.4	10
14	Partition algebras $P_k(n)$ with $2k \leq n$ and the fundamental theorems of invariant theory for the symmetric group S_n . <i>Journal of the London Mathematical Society</i> , 2019, 99, 194-224.	1.0	10
15	Character Formulas for q-Rook Monoid Algebras. <i>Journal of Algebraic Combinatorics</i> , 2003, 17, 99-123.	0.8	9
16	Title is missing!. <i>International Mathematics Research Notices</i> , 1997, 1997, 401.	1.0	7
17	Partition Algebras and the Invariant Theory of the Symmetric Group. <i>Association for Women in Mathematics Series</i> , 2019, , 1-41.	0.4	7
18	Character orthogonality for the partition algebra and fixed points of permutations. <i>Advances in Applied Mathematics</i> , 2003, 31, 113-131.	0.7	5

#	ARTICLE	IF	CITATIONS
19	Gelfand models for diagram algebras. <i>Journal of Algebraic Combinatorics</i> , 2015, 41, 229-255.	0.8	5
20	A q-rational Murnaghan-Nakayama rule. <i>Journal of Combinatorial Theory - Series A</i> , 1995, 71, 1-18.	0.8	4
21	q-Partition algebra combinatorics. <i>Journal of Combinatorial Theory - Series A</i> , 2010, 117, 507-527.	0.8	4
22	McKay centralizer algebras. <i>Proceedings of the London Mathematical Society</i> , 2016, 112, 375-414.	1.3	4
23	Bitraces for $GL_n(\mathbb{F}_q)$ and the Iwahori-Hecke algebra of type A_{n-1} . <i>Indagationes Mathematicae</i> , 1999, 10, 247-268.	0.4	3
24	Signal Processing on the Permutahedron: Tight Spectral Frames for Ranked Data Analysis. <i>Journal of Fourier Analysis and Applications</i> , 2021, 27, 1.	1.0	3
25	Robinson-Schensted-Knuth insertion and characters of cyclotomic Hecke algebras. <i>Journal of Combinatorial Theory - Series A</i> , 2002, 99, 17-31.	0.8	1
26	Transition Matrices Between Young's Natural and Seminormal Representations. <i>Electronic Journal of Combinatorics</i> , 2021, 28, .	0.4	1