Tom Halverson

List of Publications by Year
in descending order

		933447	677142
26 papers	**505** citations	**10** h-index	**22** g-index
26 all docs	**26** docs citations	**26** times ranked	**242** citing authors

#	Article	IF	Citations
1	Transition Matrices Between Young's Natural and Seminormal Representations. Electronic Journal of Combinatorics, 2021, 28, .	0.4	1
2	Signal Processing on the Permutahedron: Tight Spectral Frames for Ranked Data Analysis. Journal of Fourier Analysis and Applications, 2021, 27, 1.	1.0	3
3	Partition Algebras and the Invariant Theory of the Symmetric Group. Association for Women in Mathematics Series, 2019, , 1-41.	0.4	7
4	Partition algebras Pk(n) with 2k>n and the fundamental theorems of invariant theory for the symmetric group Sn. Journal of the London Mathematical Society, 2019, 99, 194-224.	1.0	10
5	Dimensions of irreducible modules for partition algebras and tensor power multiplicities for symmetric and alternating groups. Journal of Algebraic Combinatorics, 2017, 46, 77-108.	0.8	11
6	McKay centralizer algebras. Proceedings of the London Mathematical Society, 2016, 112, 375-414.	1.3	4
7	Topological Data Analysis of Biological Aggregation Models. PLoS ONE, 2015, 10, e0126383.	2.5	120
8	Gelfand models for diagram algebras. Journal of Algebraic Combinatorics, 2015, 41, 229-255.	0.8	5
9	Motzkin algebras. European Journal of Combinatorics, 2014, 36, 473-502.	0.8	24
10	Representations of the Rook-Brauer Algebra. Communications in Algebra, 2014, 42, 423-443.	0.6	15
11	q-Partition algebra combinatorics. Journal of Combinatorial Theory - Series A, 2010, 117, 507-527.	0.8	4
12	Commuting Families in Hecke and Temperley-Lieb Algebras. Nagoya Mathematical Journal, 2009, 195, 125-152.	0.8	12
13	The Planar Rook Algebra and Pascal's Triangle. L'Enseignement Mathematique, 2009, 55, 77-92.	0.1	11
14	Partition algebras. European Journal of Combinatorics, 2005, 26, 869-921.	0.8	139
15	q-Rook Monoid Algebras, Hecke Algebras, and Schurâ€"Weyl Duality. Journal of Mathematical Sciences, 2004, 121, 2419-2436.	0.4	10
16	Representations of the q-rook monoid. Journal of Algebra, 2004, 273, 227-251.	0.7	31
17	RSK Insertion for Set Partitions and Diagram Algebras. Electronic Journal of Combinatorics, 2004, 11, .	0.4	15
18	Character Formulas for q-Rook Monoid Algebras. Journal of Algebraic Combinatorics, 2003, 17, 99-123.	0.8	9

#	Article	IF	Citations
19	Character orthogonality for the partition algebra and fixed points of permutations. Advances in Applied Mathematics, 2003, 31, 113-131.	0.7	5
20	Robinson–Schensted–Knuth insertion and characters of cyclotomic Hecke algebras. Journal of Combinatorial Theory - Series A, 2002, 99, 17-31.	0.8	1
21	Characters of the Partition Algebras. Journal of Algebra, 2001, 238, 502-533.	0.7	24
22	Bitraces for GLn(Fq) and the Iwahori-Hecke algebra of type An $\hat{}$ 1. Indagationes Mathematicae, 1999, 10, 247-268.	0.4	3
23	Murnaghan-Nakayama Rules for Characters of Iwahori-Hecke Algebras of the Complex Reflection Groups $G(r, p, n)$. Canadian Journal of Mathematics, 1998, 50, 167-192.	0.6	20
24	Title is missing!. International Mathematics Research Notices, 1997, 1997, 401.	1.0	7
25	Murnaghan-Nakayama rules for characters of Iwahori-Hecke algebras of classical type. Transactions of the American Mathematical Society, 1996, 348, 3967-3995.	0.9	10
26	A q-rational Murnaghan-Nakayama rule. Journal of Combinatorial Theory - Series A, 1995, 71, 1-18.	0.8	4