

Matthew Fayers

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Irreducible Specht modules for Hecke algebras of type A. <i>Advances in Mathematics</i> , 2005, 193, 438-452.	1.1	41
2	Weights of multipartitions and representations of Ariki-Koike algebras. <i>Advances in Mathematics</i> , 2006, 206, 112-144.	1.1	31
3	0-Hecke algebras of finite Coxeter groups. <i>Journal of Pure and Applied Algebra</i> , 2005, 199, 27-41.	0.6	25
4	Reducible Specht modules. <i>Journal of Algebra</i> , 2004, 280, 500-504.	0.7	23
5	Decomposition numbers for weight three blocks of symmetric groups and Iwahori-Hecke algebras. <i>Transactions of the American Mathematical Society</i> , 2008, 360, 1341-1377.	0.9	22
6	Row and column removal theorems for homomorphisms between Specht modules. <i>Journal of Pure and Applied Algebra</i> , 2003, 185, 147-164.	0.6	18
7	James's Conjecture holds for weight four blocks of Iwahori-Hecke algebras. <i>Journal of Algebra</i> , 2007, 317, 593-633.	0.7	15
8	Some new decomposable Specht modules. <i>Journal of Algebra</i> , 2012, 357, 235-262.	0.7	14
9	The t-core of an s-core. <i>Journal of Combinatorial Theory - Series A</i> , 2011, 118, 1525-1539.	0.8	12
10	Another runner removal theorem for v-decomposition numbers of Iwahori-Hecke algebras and q-Schur algebras. <i>Journal of Algebra</i> , 2007, 310, 396-404.	0.7	11
11	Weights of multipartitions and representations of Ariki-Koike algebras II: Canonical bases. <i>Journal of Algebra</i> , 2008, 319, 2963-2978.	0.7	11
12	Generalised column removal for graded homomorphisms between Specht modules. <i>Journal of Algebraic Combinatorics</i> , 2016, 44, 393-432.	0.8	11
13	Adjustment matrices for weight three blocks of Iwahori-Hecke algebras. <i>Journal of Algebra</i> , 2006, 306, 76-103.	0.7	8
14	An LLT-type algorithm for computing higher-level canonical bases. <i>Journal of Pure and Applied Algebra</i> , 2010, 214, 2186-2198.	0.6	8
15	Weight two blocks of Iwahori-Hecke algebras in characteristic two. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 2005, 139, 385.	0.4	7
16	Core blocks of Ariki-Koike algebras. <i>Journal of Algebraic Combinatorics</i> , 2007, 26, 47-81.	0.8	7
17	Some reducible Specht modules for Iwahori-Hecke algebras of type A with $q < 1$. <i>Journal of Algebra</i> , 2009, 321, 912-933.	0.7	7
18	A generalisation of core partitions. <i>Journal of Combinatorial Theory - Series A</i> , 2014, 127, 58-84.	0.8	7

#	ARTICLE	IF	CITATIONS
19	The irreducible representations of the alternating group which remain irreducible in characteristic ?. Transactions of the American Mathematical Society, 2016, 368, 5807-5855.	0.9	7
20	ON THE STRUCTURE OF SPECHT MODULES. Journal of the London Mathematical Society, 2003, 67, 85-102.	1.0	6
21	On the irreducible representations of the alternating group which remain irreducible in characteristic ?. Representation Theory, 2010, 14, 601-626.	0.5	6
22	Weight two blocks of Iwahori-Hecke algebras of type B. Journal of Algebra, 2006, 303, 154-201.	0.7	5
23	q-Analogues of regularisation theorems for linear and projective representations of the symmetric group. Journal of Algebra, 2007, 316, 346-367.	0.7	5
24	General runner removal and the Mullineux map. Journal of Algebra, 2009, 322, 4331-4367.	0.7	5
25	A non-recursive criterion for weights of a highest-weight module for an affine Lie algebra. Israel Journal of Mathematics, 2013, 197, 237-261.	0.8	5
26	p-restriction of partitions and homomorphisms between Specht modules. Journal of Algebra, 2006, 306, 175-190.	0.7	4
27	The ordinary quiver of a weight three block of the symmetric group is bipartite. Advances in Mathematics, 2007, 209, 69-98.	1.1	4
28	On the irreducible Specht modules for Iwahori-Hecke algebras of type A with $q < p$. Journal of Algebra, 2010, 323, 1839-1844.	0.7	4
29	Irreducible projective representations of the symmetric group which remain irreducible in characteristic 2. Proceedings of the London Mathematical Society, 2018, 116, 878-928.	1.3	4
30	(s,t) -Cores: a Weighted Version of Armstrong's Conjecture. Electronic Journal of Combinatorics, 2016, 23, .	0.4	4
31	On the blocks of $[Sfr]$ over a field of characteristic three. Mathematical Proceedings of the Cambridge Philosophical Society, 2002, 133, 1-29.	0.4	3
32	An Extension of James's Conjecture. International Mathematics Research Notices, 2007, 2007, .	1.0	3
33	The reducible Specht modules for the Hecke algebra $\mathcal{H}_{\mathbb{C}}(\mathfrak{S}_n)$. Journal of Algebraic Combinatorics, 2013, 37, 201-241.	0.8	3
34	An algorithm for semistandardising homomorphisms. Journal of Algebra, 2012, 364, 38-51.	0.7	2
35	Irreducible projective representations of the alternating group which remain irreducible in characteristic 2. Advances in Mathematics, 2020, 374, 107340.	1.1	2
36	Schur subalgebras II. Journal of Algebra, 2002, 252, 300-321.	0.7	1

#	ARTICLE	IF	CITATIONS
37	q-Schur Subalgebras. <i>Algebras and Representation Theory</i> , 2005, 8, 415-426.	0.7	1
38	Partition models for the crystal of the basic $U_{\{q\}}(\widehat{\mathfrak{sl}}_n)$ -module. <i>Journal of Algebraic Combinatorics</i> , 2010, 32, 339-370.	0.8	1
39	Irreducible Specht modules for Iwahori-Hecke algebras of type B . <i>Representation Theory</i> , 2012, 16, 108-126.	0.5	1
40	Dyck tilings and the homogeneous Garnir relations for graded Specht modules. <i>Journal of Algebraic Combinatorics</i> , 2017, 45, 1041-1082.	0.8	1
41	Simultaneous core multipartitions. <i>European Journal of Combinatorics</i> , 2019, 76, 138-158.	0.8	1
42	Multiple-elimination knockout tournaments with the fixed-win property. <i>Discrete Mathematics</i> , 2005, 290, 89-97.	0.7	0
43	2-chains: An interesting family of posets. <i>Discrete Mathematics</i> , 2020, 343, 111988.	0.7	0