

# Alistair Savage

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Frobenius $W$ -algebras and traces of Frobenius Heisenberg categories. <i>Journal of Algebra and Its Applications</i> , 2022, 21, .	0.4	0
2	Quantum Frobenius Heisenberg categorification. <i>Journal of Pure and Applied Algebra</i> , 2022, 226, 106792.	0.6	4
3	Foundations of Frobenius Heisenberg categories. <i>Journal of Algebra</i> , 2021, 578, 115-185.	0.7	7
4	Frobenius nil-Hecke algebras. <i>Pacific Journal of Mathematics</i> , 2021, 311, 455-473.	0.5	1
5	Group partition categories. <i>Journal of Combinatorial Algebra</i> , 2021, 5, 369-406.	0.3	1
6	Affine Wreath Product Algebras. <i>International Mathematics Research Notices</i> , 2020, 2020, 2977-3041.	1.0	8
7	Heisenberg and Kac's "Moody categorification. <i>Selecta Mathematica, New Series</i> , 2020, 26, 1.	1.0	7
8	On the definition of quantum Heisenberg category. <i>Algebra and Number Theory</i> , 2020, 14, 275-321.	0.6	13
9	Invariant polynomials on truncated multicurrent algebras. <i>Journal of Pure and Applied Algebra</i> , 2019, 223, 349-368.	0.6	4
10	Weyl modules for Lie superalgebras. <i>Proceedings of the American Mathematical Society</i> , 2019, 147, 3191-3207.	0.8	7
11	Frobenius Heisenberg categorification. <i>Algebraic Combinatorics</i> , 2019, 2, 937-967.	0.3	11
12	A graphical calculus for the Jack inner product on symmetric functions. <i>Journal of Combinatorial Theory - Series A</i> , 2018, 155, 503-543.	0.8	5
13	Nested Frobenius extensions of graded superrings. <i>Involve</i> , 2018, 11, 449-461.	0.2	0
14	Degenerate cyclotomic Hecke algebras and higher level Heisenberg categorification. <i>Journal of Algebra</i> , 2018, 505, 150-193.	0.7	14
15	A general approach to Heisenberg categorification via wreath product algebras. <i>Mathematische Zeitschrift</i> , 2017, 286, 603-655.	0.9	22
16	Equivariant Map Queer Lie Superalgebras. <i>Canadian Journal of Mathematics</i> , 2016, 68, 258-279.	0.6	5
17	Twisted Frobenius Extensions of Graded Superrings. <i>Algebras and Representation Theory</i> , 2016, 19, 113-133.	0.7	6
18	Twisted Heisenberg Doubles. <i>Communications in Mathematical Physics</i> , 2015, 337, 1053-1076.	2.2	4

#	ARTICLE	IF	CITATIONS
19	EXTENSIONS AND BLOCK DECOMPOSITIONS FOR FINITE-DIMENSIONAL REPRESENTATIONS OF EQUIVARIANT MAP ALGEBRAS. Transformation Groups, 2015, 20, 183-228.	0.7	7
20	Towers of graded superalgebras categorify the twisted Heisenberg double. Journal of Pure and Applied Algebra, 2015, 219, 5040-5067.	0.6	5
21	Categorification and Heisenberg doubles arising from towers of algebras. Journal of Combinatorial Theory - Series A, 2015, 129, 19-56.	0.8	11
22	Correction to the article Quiver grassmannians, quiver varieties and the preprojective algebra. Pacific Journal of Mathematics, 2015, 275, 509-510.	0.5	0
23	Formal Hecke algebras and algebraic oriented cohomology theories. Selecta Mathematica, New Series, 2014, 20, 1213-1245.	1.0	18
24	Equivariant map superalgebras. Mathematische Zeitschrift, 2014, 277, 373-399.	0.9	12
25	Hecke algebras, finite general linear groups, and Heisenberg categorification. Quantum Topology, 2013, 4, 125-185.	0.9	21
26	Irreducible finite-dimensional representations of equivariant map algebras. Transactions of the American Mathematical Society, 2012, 364, 2619-2646.	0.9	46
27	Classification of irreducible quasifinite modules over map Virasoro algebras. Transformation Groups, 2012, 17, 547-570.	0.7	14
28	Local Weyl modules for equivariant map algebras with free abelian group actions. Journal of Algebra, 2012, 350, 386-404.	0.7	21
29	Quiver grassmannians, quiver varieties and the preprojective algebra. Pacific Journal of Mathematics, 2011, 251, 393-429.	0.5	6
30	Vertex operators and the geometry of moduli spaces of framed torsion-free sheaves. Selecta Mathematica, New Series, 2010, 16, 201-240.	1.0	3
31	A geometric realization of spin representations and Young diagrams from quiver varieties. Journal of Algebra, 2006, 297, 186-207.	0.7	2
32	On two geometric constructions of $\mathfrak{sl}_2$ representations. Journal of Algebra, 2006, 297, 186-207.	0.7	1
33	Geometric and Combinatorial Realizations of Crystal Graphs. Algebras and Representation Theory, 2006, 9, 161-199.	0.7	16
34	Quiver varieties and Demazure modules. Mathematische Annalen, 2006, 335, 31-46.	1.4	5
35	Quiver varieties and fusion products for $\mathfrak{sl}_2$ . Journal of Algebra, 2003, 269, 544-555.	0.7	0
36	Title is missing!. International Mathematics Research Notices, 2003, 2003, 1521.	1.0	16

#	ARTICLE	IF	CITATIONS
37	Magnon wave function and impurity effects in $S=1$ antiferromagnetic chains: A large-n approach. Physical Review B, 1999, 59, 3635-3650.	3.2	1
38	Affinization of monoidal categories. Journal De L'Ecole Polytechnique - Mathematiques, 0, 8, 791-829.	0.0	2
39	An equivalence between truncations of categorified quantum groups and Heisenberg categories. Journal De L'Ecole Polytechnique - Mathematiques, 0, 5, 197-238.	0.0	2