

Alistair Savage

List of Publications by Year in descending order

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Irreducible finite-dimensional representations of equivariant map algebras. Transactions of the American Mathematical Society, 2012, 364, 2619-2646.	0.9	46
2	A general approach to Heisenberg categorification via wreath product algebras. Mathematische Zeitschrift, 2017, 286, 603-655.	0.9	22
3	Local Weyl modules for equivariant map algebras with free abelian group actions. Journal of Algebra, 2012, 350, 386-404.	0.7	21
4	Hecke algebras, finite general linear groups, and Heisenberg categorification. Quantum Topology, 2013, 4, 125-185.	0.9	21
5	Formal Hecke algebras and algebraic oriented cohomology theories. Selecta Mathematica, New Series, 2014, 20, 1213-1245.	1.0	18
6	Title is missing!. International Mathematics Research Notices, 2003, 2003, 1521.	1.0	16
7	Geometric and Combinatorial Realizations of Crystal Graphs. Algebras and Representation Theory, 2006, 9, 161-199.	0.7	16
8	Classification of irreducible quasifinite modules over map Virasoro algebras. Transformation Groups, 2012, 17, 547-570.	0.7	14
9	Degenerate cyclotomic Hecke algebras and higher level Heisenberg categorification. Journal of Algebra, 2018, 505, 150-193.	0.7	14
10	On the definition of quantum Heisenberg category. Algebra and Number Theory, 2020, 14, 275-321.	0.6	13
11	Equivariant map superalgebras. Mathematische Zeitschrift, 2014, 277, 373-399.	0.9	12
12	Categorification and Heisenberg doubles arising from towers of algebras. Journal of Combinatorial Theory - Series A, 2015, 129, 19-56.	0.8	11
13	Frobenius Heisenberg categorification. Algebraic Combinatorics, 2019, 2, 937-967.	0.3	11
14	Affine Wreath Product Algebras. International Mathematics Research Notices, 2020, 2020, 2977-3041.	1.0	8
15	EXTENSIONS AND BLOCK DECOMPOSITIONS FOR FINITE-DIMENSIONAL REPRESENTATIONS OF EQUIVARIANT MAP ALGEBRAS. Transformation Groups, 2015, 20, 183-228.	0.7	7
16	Weyl modules for Lie superalgebras. Proceedings of the American Mathematical Society, 2019, 147, 3191-3207.	0.8	7
17	Heisenberg and Kac-Moody categorification. Selecta Mathematica, New Series, 2020, 26, 1.	1.0	7
18	Foundations of Frobenius Heisenberg categories. Journal of Algebra, 2021, 578, 115-185.	0.7	7

#	ARTICLE	IF	CITATIONS
19	Twisted Frobenius Extensions of Graded Superrings. Algebras and Representation Theory, 2016, 19, 113-133.	0.7	6
20	Quiver grassmannians, quiver varieties and the preprojective algebra. Pacific Journal of Mathematics, 2011, 251, 393-429.	0.5	6
21	Quiver varieties and Demazure modules. Mathematische Annalen, 2006, 335, 31-46.	1.4	5
22	Towers of graded superalgebras categorify the twisted Heisenberg double. Journal of Pure and Applied Algebra, 2015, 219, 5040-5067.	0.6	5
23	Equivariant Map Queer Lie Superalgebras. Canadian Journal of Mathematics, 2016, 68, 258-279.	0.6	5
24	A graphical calculus for the Jack inner product on symmetric functions. Journal of Combinatorial Theory - Series A, 2018, 155, 503-543.	0.8	5
25	Twisted Heisenberg Doubles. Communications in Mathematical Physics, 2015, 337, 1053-1076.	2.2	4
26	Invariant polynomials on truncated multicurrent algebras. Journal of Pure and Applied Algebra, 2019, 223, 349-368.	0.6	4
27	Quantum Frobenius Heisenberg categorification. Journal of Pure and Applied Algebra, 2022, 226, 106792.	0.6	4
28	Vertex operators and the geometry of moduli spaces of framed torsion-free sheaves. Selecta Mathematica, New Series, 2010, 16, 201-240.	1.0	3
29	A geometric realization of spin representations and Young diagrams from quiver varieties. Journal of Algebra, 2006, 297, 186-207.	0.7	2
30	Affinization of monoidal categories. Journal De L'Ecole Polytechnique - Mathematiques, 0, 8, 791-829.	0.0	2
31	An equivalence between truncations of categorified quantum groups and Heisenberg categories. Journal De L'Ecole Polytechnique - Mathematiques, 0, 5, 197-238.	0.0	2
32	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
33	https://doi.org/10.1016/j.jou.2021.100511 <small>xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl_struct="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.co.</small>	0.7	1
34	Frobenius nil-Hecke algebras. Pacific Journal of Mathematics, 2021, 311, 455-473.	0.5	1
35	Group partition categories. Journal of Combinatorial Algebra, 2021, 5, 369-406.	0.3	1
36	Quiver varieties and fusion products for sl_2 . Journal of Algebra, 2003, 269, 544-555.	0.7	0

#	ARTICLE	IF	CITATIONS
37	Nested Frobenius extensions of graded superrings. <i>Involve</i> , 2018, 11, 449-461.	0.2	0
38	Frobenius W-algebras and traces of Frobenius Heisenberg categories. <i>Journal of Algebra and Its Applications</i> , 2022, 21, .	0.4	0
39	Correction to the article Quiver grassmannians, quiver varieties and the preprojective algebra. <i>Pacific Journal of Mathematics</i> , 2015, 275, 509-510.	0.5	0