

# Benjamin Sambale

## List of Publications by Year in descending order

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840119

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85  
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85  
docs citations

85  
times ranked

82  
citing authors

#	ARTICLE	IF	CITATIONS
1	On a bound of Cocks and Venkataraman. Monatshefte Fur Mathematik, 2022, 197, 505-515.	0.5	0
2	On the size of coset unions. Journal of Algebraic Combinatorics, 2022, 55, 979-987.	0.4	1
3	A dual version of Huppert's $\tilde{H}$ -conjecture for character codegrees. Forum Mathematicum, 2022, 34, 425-430.	0.3	4
4	Cartan matrices and Brauer's $k(B)$ -conjecture V. Journal of Algebra, 2022, 606, 670-699.	0.4	1
5	BLOCKS WITH SMALL-DIMENSIONAL BASIC ALGEBRA. Bulletin of the Australian Mathematical Society, 2021, 103, 461-474.	0.3	2
6	Weights and Nilpotent Subgroups. International Mathematics Research Notices, 2021, 2021, 2526-2538.	0.5	1
7	Generalized bases of finite groups. Archiv Der Mathematik, 2021, 117, 9-18.	0.3	0
8	Splendid Morita equivalences for principal blocks with semidihedral defect groups. Proceedings of the American Mathematical Society, 2021, 150, 41-53.	0.4	1
9	Restrictions of characters in $p$ -solvable groups. Journal of Algebra, 2021, 587, 130-141.	0.4	1
10	Huppert's conjecture for character codegrees. Mathematische Nachrichten, 2021, 294, 2232-2236.	0.4	4
11	On restriction of characters to defect groups. Journal of Algebra, 2020, 558, 423-433.	0.4	1
12	Orders generated by character values. Monatshefte Fur Mathematik, 2020, 191, 665-678.	0.5	1
13	On a Theorem of Ledermann and Neumann. American Mathematical Monthly, 2020, 127, 827-834.	0.2	0
14	Character tables and defect groups. Journal of Algebra, 2020, 562, 323-340.	0.4	3
15	Groups with few $\pi$ -character degrees in the principal block. Proceedings of the American Mathematical Society, 2020, 148, 4597-4614.	0.4	8
16	Survey on perfect isometries. Rocky Mountain Journal of Mathematics, 2020, 50, .	0.2	3
17	Irreducible extensions of characters. Israel Journal of Mathematics, 2019, 234, 629-644.	0.4	0
18	Bounding the number of characters in a block of a finite group. Advances in Mathematics, 2019, 358, 106861.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Pseudo Sylow Numbers. American Mathematical Monthly, 2019, 126, 60-65.	0.2	0
20	Pseudo Frobenius numbers. , 2019, 37, 200-206.		0
21	LOEWY LENGTHS OF CENTERS OF BLOCKS II. Nagoya Mathematical Journal, 2019, 234, 127-138.	0.6	1
22	Groups whose elements are not conjugate to their powers. Archiv Der Mathematik, 2018, 110, 447-454.	0.3	1
23	Characters and Sylow 2-subgroups of maximal class revisited. Journal of Pure and Applied Algebra, 2018, 222, 3721-3732.	0.3	11
24	On the blockwise modular isomorphism problem. Manuscripta Mathematica, 2018, 157, 263-278.	0.3	7
25	On the projective height zero conjecture. Proceedings of the American Mathematical Society, 2018, 147, 487-488.	0.4	0
26	Loewy lengths of centers of blocks. Quarterly Journal of Mathematics, 2018, 69, 855-870.	0.3	2
27	Remarks on Harada's conjecture. Israel Journal of Mathematics, 2018, 228, 513-526.	0.4	1
28	Solution of Brauer's $k \hat{=} (B) k(B)$ -conjecture for $\ell$ -blocks of $\ell$ -separable groups. Forum Mathematicum, 2018, 30, 1061-1064.	0.3	0
29	Isotypies for the quasisimple groups with exceptional Schur multiplier. Journal of Algebra and Its Applications, 2017, 16, 1750078.	0.3	2
30	On centers of blocks with one simple module. Journal of Algebra, 2017, 472, 339-368.	0.4	5
31	On a theorem of Blichfeldt. , 2017, 35, 221-225.		1
32	A counterexample to Feit's Problem VIII on decomposition numbers. Journal of Algebra, 2017, 477, 494-495.	0.4	2
33	Refinements of the Orthogonality Relations for Blocks. Algebras and Representation Theory, 2017, 20, 1109-1131.	0.4	2
34	Cartan matrices and Brauer's $k(B)$ -conjecture IV. Journal of the Mathematical Society of Japan, 2017, 69, .	0.3	11
35	REGULAR ORBITS OF COPRIME LINEAR GROUPS IN LARGE CHARACTERISTIC. Bulletin of the Australian Mathematical Society, 2017, 96, 438-444.	0.3	0
36	On defects of characters and decomposition numbers. Algebra and Number Theory, 2017, 11, 1357-1384.	0.3	1

#	ARTICLE	IF	CITATIONS
37	A counterexample to a conjecture of Wada. <i>Journal of Algebra</i> , 2017, 489, 582-585.	0.4	0
38	On Blocks with Abelian Defect Groups of Small Rank. <i>Results in Mathematics</i> , 2017, 71, 411-422.	0.4	6
39	Fusion Systems on Bicyclic 2-Groups. <i>Proceedings of the Edinburgh Mathematical Society</i> , 2016, 59, 989-1018.	0.2	3
40	2-Blocks with minimal nonabelian defect groups III. <i>Pacific Journal of Mathematics</i> , 2016, 280, 475-487.	0.2	5
41	2-Blocks with minimal nonabelian defect groups III. <i>Pacific Journal of Mathematics</i> , 2016, 280, 475-487.	0.2	0
42	Broué's isotopy conjecture for the sporadic groups and their covers and automorphism groups. <i>International Journal of Algebra and Computation</i> , 2015, 25, 951-976.	0.4	5
43	Cartan matrices and Brauer's $k(B)$ -conjecture III. <i>Manuscripta Mathematica</i> , 2015, 146, 505-518.	0.3	11
44	The Alperin-McKay Conjecture for metacyclic, minimal non-abelian defect groups. <i>Proceedings of the American Mathematical Society</i> , 2015, 143, 4291-4304.	0.4	3
45	Blocks with transitive fusion systems. <i>Journal of Algebra</i> , 2015, 424, 190-207.	0.4	4
46	Finite groups with two conjugacy classes of $p$ -elements and related questions for $p$ -blocks. <i>Bulletin of the London Mathematical Society</i> , 2014, 46, 305-314.	0.4	11
47	The average number of Sylow subgroups of a finite group. <i>Mathematische Nachrichten</i> , 2014, 287, 1183-1185.	0.4	2
48	Blocks of Finite Groups and Their Invariants. <i>Lecture Notes in Mathematics</i> , 2014, , .	0.1	35
49	Extending Brauer's Height Zero Conjecture to Blocks with Nonabelian Defect Groups. <i>International Mathematics Research Notices</i> , 2014, 2014, 5581-5601.	0.5	13
50	On Loewy lengths of blocks. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 2014, 156, 555-570.	0.3	14
51	On the Brauer-Feit bound for abelian defect groups. <i>Mathematische Zeitschrift</i> , 2014, 276, 785-797.	0.4	7
52	A note on Olsson's Conjecture. <i>Journal of Algebra</i> , 2014, 398, 364-385.	0.4	12
53	Exponent and $p$ -rank of finite $p$ -groups and applications. <i>Archiv Der Mathematik</i> , 2014, 103, 11-20.	0.3	7
54	2-blocks with abelian defect groups. <i>Advances in Mathematics</i> , 2014, 254, 706-735.	0.5	28

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55	BOUNDING THE NUMBER OF IRREDUCIBLE CHARACTER DEGREES OF A FINITE GROUP IN TERMS OF THE LARGEST DEGREE. <i>Journal of Algebra and Its Applications</i> , 2014, 13, 1350096.	0.3	1
56	Defect Groups of p-Rank 2. <i>Lecture Notes in Mathematics</i> , 2014, , 159-165.	0.1	0
57	Products of Metacyclic Groups. <i>Lecture Notes in Mathematics</i> , 2014, , 95-125.	0.1	0
58	Small Defect Groups. <i>Lecture Notes in Mathematics</i> , 2014, , 181-203.	0.1	0
59	The Cartan Method. <i>Lecture Notes in Mathematics</i> , 2014, , 33-46.	0.1	0
60	Abelian Defect Groups. <i>Lecture Notes in Mathematics</i> , 2014, , 205-217.	0.1	0
61	Blocks with Few Characters. <i>Lecture Notes in Mathematics</i> , 2014, , 219-227.	0.1	1
62	Minimal Non-abelian Defect Groups. <i>Lecture Notes in Mathematics</i> , 2014, , 167-179.	0.1	0
63	Blocks with Defect Group $Q_{2^n} \times C_{2^m}$ and $SD_{2^n} \times C_{2^m}$ . <i>Algebras and Representation Theory</i> , 2013, 16, 1717-1732.	0.4	7
64	Further evidence for conjectures in block theory. <i>Algebra and Number Theory</i> , 2013, 7, 2241-2273.	0.3	9
65	The 2-blocks of defect 4. <i>Representation Theory</i> , 2013, 17, 226-236.	0.2	11
66	Blocks with central product defect group $Q_{2^a} \hat{=} Q_{2^b}$ . <i>Proceedings of the American Mathematical Society</i> , 2013, 141, 4057-4069.	0.4	5
67	Brauer's height zero conjecture for metacyclic defect groups. <i>Pacific Journal of Mathematics</i> , 2013, 262, 481-507.	0.2	5
68	2-Blocks with minimal nonabelian defect groups II. <i>Journal of Group Theory</i> , 2012, 15, .	0.2	12
69	Blocks with defect group $Q_{2^a} \hat{=} Q_{2^b}$ . <i>Journal of Group Theory</i> , 2012, 15, .	0.3	6
70	Conjugacy Classes and Characters of Finite $p$ -Groups. <i>Communications in Algebra</i> , 2011, 39, 657-685.	0.3	1
71	Cartan matrices and Brauer's $kB$ . <i>Journal of Algebra</i> , 2011, 337, 261-284.	0.4	15
72	2-Blocks with minimal nonabelian defect groups. <i>Journal of Algebra</i> , 2011, 337, 261-284.	0.4	18

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73	Cartan matrices and Brauer's $\ell$ -adic $\rho$ -adic representations. <i>Journal of Group Theory</i> , 2009, 12, .	0.4	16
74	The groups with exactly one class of size a multiple of $p$ . <i>Journal of Group Theory</i> , 2009, 12, .	0.2	7
75	Groups with three real valued irreducible characters. <i>Israel Journal of Mathematics</i> , 2008, 163, 85-92.	0.4	13
76	On the Number of Constituents of Products of Characters. <i>Algebra Colloquium</i> , 2007, 14, 207-208.	0.1	1
77	Element orders and Sylow structure of finite groups. <i>Mathematische Zeitschrift</i> , 2006, 252, 223-230.	0.4	8
78	Finite groups whose conjugacy class graphs have few vertices. <i>Archiv Der Mathematik</i> , 2005, 85, 101-107.	0.3	24
79	Large orbits of $p$ -groups on characters and applications to character degrees. <i>Israel Journal of Mathematics</i> , 2005, 146, 243-251.	0.4	7
80	HEIGHTS OF CHARACTERS IN BLOCKS OF $p$ -SOLVABLE GROUPS. <i>Bulletin of the London Mathematical Society</i> , 2005, 37, 373-380.	0.4	10
81	Title is missing!. <i>International Mathematics Research Notices</i> , 2005, 2005, 3375.	0.5	11
82	On the number of conjugacy classes of zeros of characters. <i>Israel Journal of Mathematics</i> , 2004, 142, 163-187.	0.4	19
83	Morita Equivalent Blocks of Symmetric Groups. <i>Symmetry, Integrability and Geometry: Methods and Applications (SIGMA)</i> , 0, , .	0.5	0