Michael Aschbacher

List of Publications by Year
in descending order

31 papers	838 citations	840776 11 h-index	552781 26 g-index
34 all docs	34 docs citations	34 times ranked	201 citing authors

#	Article	IF	Citations
1	Involutions in Chevalley groups over fields of even order. Nagoya Mathematical Journal, 1976, 63, 1-91.	0.8	288
2	A Characterization of Chevalley Groups Over Fields of Odd Order. Annals of Mathematics, 1977, 106, 353.	4.2	88
3	Normal subsystems of fusion systems. Proceedings of the London Mathematical Society, 2008, 97, 239-271.	1.3	39
4	Simple connectivity ofp-group complexes. Israel Journal of Mathematics, 1993, 82, 1-43.	0.8	33
5	The limitations of nice mutually unbiased bases. Journal of Algebraic Combinatorics, 2007, 25, 111-123.	0.8	31
6	Fusion systems. Bulletin of the American Mathematical Society, 2016, 53, 555-615.	1.5	24
7	On Bol loops of exponent 2. Journal of Algebra, 2005, 288, 99-136.	0.7	23
8	Generation of fusion systems of characteristic 2-type. Inventiones Mathematicae, 2010, 180, 225-299.	2.5	23
9	The 27-Dimensional Module for E_6 , II. Journal of the London Mathematical Society, 1988, s2-37, 275-293.	1.0	17
10	On intervals in subgroup lattices of finite groups. Journal of the American Mathematical Society, 2008, 21, 809-809.	3.9	15
11	A group-theoretic approach to a family of 2-local finite groups constructed by Levi and Oliver. Annals of Mathematics, 2010, 171, 881-978.	4.2	15
12	Highly complex proofs and implications of such proofs. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2005, 363, 2401-2406.	3.4	11
13	The existence of J 3 and its embeddings in E 6. Geometriae Dedicata, 1990, 35, 143.	0.3	8
14	S3-free 2-fusion systems. Proceedings of the Edinburgh Mathematical Society, 2013, 56, 27-48.	0.3	8
15	The uniqueness of groups of typeJ 4. Inventiones Mathematicae, 1991, 105, 589-607.	2.5	7
16	OVERGROUPS OF PRIMITIVE GROUPS. Journal of the Australian Mathematical Society, 2009, 87, 37.	0.4	7
17	Signalizer lattices in finite groups. Michigan Mathematical Journal, 2009, 58, .	0.4	5
18	Restrictions on the structure of subgroup lattices of finite alternating and symmetric groups. Journal of Algebra, 2009, 322, 2449-2463.	0.7	5

#	Article	IF	Citations
19	Walter's theorem for fusion systems. Proceedings of the London Mathematical Society, 2021, 122, 569-615.	1.3	5
20	The tits group as a standard subgroup. Mathematische Zeitschrift, 1982, 181, 229-252.	0.9	4
21	Standard components of alternating type centralized by a 4-group. Journal of Algebra, 2008, 319, 595-615.	0.7	4
22	Overgroup lattices in finite groups of Lie type containing a parabolic. Journal of Algebra, 2013, 382, 71-99.	0.7	4
23	A Fixed Point Theorem for Groups Acting on Finite 2-Dimensional Acyclic Simplicial Complexes. Proceedings of the London Mathematical Society, 1993, s3-67, 329-354.	1.3	3
24	Projective planes, loops, and groups. Journal of Algebra, 2006, 300, 396-432.	0.7	2
25	Isotopy and geotopy for ternary rings of projective planes. Journal of Algebra, 2008, 319, 868-892.	0.7	2
26	Lower signalizer lattices in alternatingÂandÂsymmetricÂgroups. Journal of Group Theory, 2012, 15, .	0.2	2
27	Fusion systems with alternating Jâ€components. Journal of the London Mathematical Society, 2020, 102, 905-956.	1.0	2
28	Finite groups of Seitz type. Proceedings of the American Mathematical Society, 2013, 142, 113-120.	0.8	1
29	The 2-fusion system of an almost simple group. Journal of Algebra, 2020, 561, 5-16.	0.7	1
30	Walter's basic theorem for fusion systems. Journal of Algebra, 2021, 570, 595-610.	0.7	0
31	Fusion systems with U3(3) J-components. Journal of Algebra, 2021, , .	0.7	0