John Bamberg

List of Publications by Year
in descending order

58 papers	401 citations	840776 11 h-index	888059 17 g-index
61 all docs	61 docs citations	61 times ranked	169 citing authors

#	Article	IF	Citations
1	Tight sets and m-ovoids of finite polar spaces. Journal of Combinatorial Theory - Series A, 2007, 114, 1293-1314.	0.8	56
2	Tight sets and m-ovoids of generalised quadrangles. Combinatorica, 2009, 29, 1-17.	1.2	36
3	Every flock generalized quadrangle has a hemisystem. Bulletin of the London Mathematical Society, 2010, 42, 795-810.	0.8	22
4	The classification of almost simple $\frac{3}{2}$-transitive groups. Transactions of the American Mathematical Society, 2013, 365, 4257-4311.	0.9	19
5	Finite permutation groups with a transitive minimal normal subgroup. Proceedings of the London Mathematical Society, 2004, 89, 71-103.	1.3	18
6	Overgroups of Cyclic Sylow Subgroups of Linear Groups. Communications in Algebra, 2008, 36, 2503-2543.	0.6	16
7	Point regular groups of automorphisms of generalised quadrangles. Journal of Combinatorial Theory - Series A, 2011, 118, 1114-1128.	0.8	14
8	The Crystallographic Restriction, Permutations, and Goldbach's Conjecture. American Mathematical Monthly, 2003, 110, 202-209.	0.3	13
9	The Crystallographic Restriction, Permutations, and Goldbach's Conjecture. American Mathematical Monthly, 2003, 110, 202.	0.3	12
10	Generalised quadrangles with a group of automorphisms acting primitively on points and lines. Journal of Combinatorial Theory - Series A, 2012, 119, 1479-1499.	0.8	12
11	Non-Free Points for Groups Generated by a Pair of 2×2 Matrices. Journal of the London Mathematical Society, 2000, 62, 795-801.	1.0	11
12	A hemisystem of a nonclassical generalised quadrangle. Designs, Codes, and Cryptography, 2009, 51, 157-165.	1.6	10
13	A classification of transitive ovoids, spreads, and m-systems of polar spaces. Forum Mathematicum, 2009, 21, .	0.7	9
14	Hemisystems of small flock generalized quadrangles. Designs, Codes, and Cryptography, 2013, 67, 137-157.	1.6	9
15	A New Infinite Family of Hemisystems of the Hermitian Surface. Combinatorica, 2018, 38, 43-66.	1.2	8
16	Transitive decompositions of graph products: rank 3 grid type. Journal of Group Theory, 2008, 11, .	0.2	7
17	Intriguing sets in partial quadrangles. Journal of Combinatorial Designs, 2011, 19, 217-245.	0.6	7
18	Unitals in the Desarguesian projective plane of order 16. Journal of Statistical Planning and Inference, 2014, 144, 110-122.	0.6	7

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19	Generalized Quadrangles and Transitive Pseudoâ€Hyperovals. Journal of Combinatorial Designs, 2016, 24, 151-164.	0.6	7
20	Maximal linear groups induced on the Frattini quotient of a p-group. Journal of Pure and Applied Algebra, 2018, 222, 2931-2951.	0.6	7
21	Symplectic Spreads. Designs, Codes, and Cryptography, 2004, 32, 9-14.	1.6	6
22	An Alternative Way to Generalize the Pentagon. Journal of Combinatorial Designs, 2013, 21, 163-179.	0.6	6
23	AS-configurations and skew-translation generalised quadrangles. Journal of Algebra, 2015, 421, 311-330.	0.7	6
24	Point-primitive, line-transitive generalised quadrangles of holomorph type. Journal of Group Theory, 2017, 20, 269-287.	0.2	6
25	SIMPLE GROUPS, PRODUCT ACTIONS, AND GENERALIZED QUADRANGLES. Nagoya Mathematical Journal, 2019, 234, 87-126.	0.8	6
26	ELATION GENERALIZED QUADRANGLES FOR WHICH THE NUMBER OF LINES ON A POINT IS THE SUCCESSOR OF A PRIME. Journal of the Australian Mathematical Society, 2008, 85, 289.	0.4	5
27	Completing Segre's proof of Wedderburn's little theorem. Bulletin of the London Mathematical Society, 2015, 47, 483-492.	0.8	5
28	A construction of one-dimensional affine flag-transitive linear spaces. Finite Fields and Their Applications, 2008, 14, 537-548.	1.0	4
29	A Classification of the Strongly Regular Generalised Johnson Graphs. Annals of Combinatorics, 2012, 16, 489-506.	0.6	4
30	Weighted intriguing sets of finite generalised quadrangles. Journal of Algebraic Combinatorics, 2012, 36, 149-173.	0.8	4
31	Bounds on the diameter of Cayley graphs of the symmetric group. Journal of Algebraic Combinatorics, 2014, 40, 1-22.	0.8	4
32	Locally triangular graphs and rectagraphs with symmetry. Journal of Combinatorial Theory - Series A, 2015, 133, 1-28.	0.8	4
33	On m-ovoids of regular near polygons. Designs, Codes, and Cryptography, 2018, 86, 997-1006.	1.6	4
34	On regular induced subgraphs of generalized polygons. Journal of Combinatorial Theory - Series A, 2018, 158, 254-275.	0.8	4
35	New Non-existence Proofs for Ovoids of Hermitian Polar Spaces and Hyperbolic Quadrics. Annals of Combinatorics, 2017, 21, 25-42.	0.6	3
36	Point-primitive generalised hexagons and octagons. Journal of Combinatorial Theory - Series A, 2017, 147, 186-204.	0.8	3

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37	A relative m-cover of a Hermitian surface is a relative hemisystem. Journal of Algebraic Combinatorics, 2017, 45, 1217-1228.	0.8	3
38	Partial linear spaces with a rankÂ3 affine primitive group of automorphisms. Journal of the London Mathematical Society, 2021, 104, 1011-1084.	1.0	3
39	Transitive eggs. Innovations in Incidence Geometry, 2006, 4, 1-12.	0.1	3
40	Bounds and quotient actions of innately transitive groups. Journal of the Australian Mathematical Society, 2005, 79, 95-112.	0.4	2
41	An Enumeration of Certain Projective Ternary Twoâ€Weight Codes. Journal of Combinatorial Designs, 2016, 24, 21-35.	0.6	2
42	A note on relative hemisystems of Hermitian generalised quadrangles. Designs, Codes, and Cryptography, 2016, 81, 131-144.	1.6	2
43	On abstract ovals with Pascalian secant lines. Journal of Group Theory, 2018, 21, 1051-1064.	0.2	2
44	A geometric construction of Mathon's perpâ€system from four lines of PG (5, 3). Journal of Combinatorial Designs, 2010, 18, 450-461.	0.6	1
45	Triple factorisations of the general linear group and their associated geometries. Linear Algebra and Its Applications, 2015, 469, 169-203.	0.9	1
46	On intriguing sets of the Penttila-Williford association scheme. Linear Algebra and Its Applications, 2019, 582, 327-345.	0.9	1
47	The covering radii of the 2-transitive unitary, Suzuki, and Ree groups. Journal of Group Theory, 2019, 22, 103-117.	0.2	1
48	ON -GROUPS WITH AUTOMORPHISM GROUPS RELATED TO THE CHEVALLEY GROUP. Journal of the Australian Mathematical Society, 2020, 108, 321-331.	0.4	1
49	No sporadic almost simple group acts primitively on the points of a generalised quadrangle. Discrete Mathematics, 2021, 344, 112291.	0.7	1
50	Pseudo-ovals of elliptic quadrics as Delsarte designs of association schemes. Linear Algebra and Its Applications, 2021, 624, 281-317.	0.9	1
51	A classification of finite locally 2-transitive generalized quadrangles. Transactions of the American Mathematical Society, 2021, 374, 1535-1578.	0.9	1
52	Synchronising primitive groups of diagonal type exist. Bulletin of the London Mathematical Society, 0, , .	0.8	1
53	Torsion free groups generated by a pair of rational parabolic MÃ¶bius transformations. Bulletin of the Australian Mathematical Society, 2000, 61, 151-152.	0.5	0
54	Editorial: Special issue on finite geometries in honor of Frank De Clerck. Designs, Codes, and Cryptography, 2014, 72, 1.	1.6	0

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55	BRUCK NETS AND PARTIAL SHERK PLANES. Journal of the Australian Mathematical Society, 2018, 104, 1-12.	0.4	0
56	THE THICKNESS OF SCHUBERT CELLS AS INCIDENCE STRUCTURES. Journal of the Australian Mathematical Society, 2020, 109, 145-156.	0.4	0
57	Orbits of Sylow subgroups of finite permutation groups. Journal of Algebra, 2021, , .	0.7	0
58	The minimum degree of minimal Ramsey graphs for cliques. Bulletin of the London Mathematical Society, 0, , .	0.8	0