

John Bamberg

List of Publications by Year in descending order

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58
papers

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840776

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61
all docs

61
docs citations

61
times ranked

169
citing authors

#	ARTICLE	IF	CITATIONS
1	No sporadic almost simple group acts primitively on the points of a generalised quadrangle. <i>Discrete Mathematics</i> , 2021, 344, 112291.	0.7	1
2	Partial linear spaces with a rank ≥ 3 affine primitive group of automorphisms. <i>Journal of the London Mathematical Society</i> , 2021, 104, 1011-1084.	1.0	3
3	Orbits of Sylow subgroups of finite permutation groups. <i>Journal of Algebra</i> , 2021, , .	0.7	0
4	Pseudo-ovals of elliptic quadrics as Delsarte designs of association schemes. <i>Linear Algebra and Its Applications</i> , 2021, 624, 281-317.	0.9	1
5	A classification of finite locally 2-transitive generalized quadrangles. <i>Transactions of the American Mathematical Society</i> , 2021, 374, 1535-1578.	0.9	1
6	THE THICKNESS OF SCHUBERT CELLS AS INCIDENCE STRUCTURES. <i>Journal of the Australian Mathematical Society</i> , 2020, 109, 145-156.	0.4	0
7	ON p -GROUPS WITH AUTOMORPHISM GROUPS RELATED TO THE CHEVALLEY GROUP. <i>Journal of the Australian Mathematical Society</i> , 2020, 108, 321-331.	0.4	1
8	SIMPLE GROUPS, PRODUCT ACTIONS, AND GENERALIZED QUADRANGLES. <i>Nagoya Mathematical Journal</i> , 2019, 234, 87-126.	0.8	6
9	On intriguing sets of the Penttila-Williford association scheme. <i>Linear Algebra and Its Applications</i> , 2019, 582, 327-345.	0.9	1
10	The covering radii of the 2-transitive unitary, Suzuki, and Ree groups. <i>Journal of Group Theory</i> , 2019, 22, 103-117.	0.2	1
11	Maximal linear groups induced on the Frattini quotient of a p -group. <i>Journal of Pure and Applied Algebra</i> , 2018, 222, 2931-2951.	0.6	7
12	A New Infinite Family of Hemisystems of the Hermitian Surface. <i>Combinatorica</i> , 2018, 38, 43-66.	1.2	8
13	BRUCK NETS AND PARTIAL SHERK PLANES. <i>Journal of the Australian Mathematical Society</i> , 2018, 104, 1-12.	0.4	0
14	On m -ovoids of regular near polygons. <i>Designs, Codes, and Cryptography</i> , 2018, 86, 997-1006.	1.6	4
15	On abstract ovals with Pascalian secant lines. <i>Journal of Group Theory</i> , 2018, 21, 1051-1064.	0.2	2
16	On regular induced subgraphs of generalized polygons. <i>Journal of Combinatorial Theory - Series A</i> , 2018, 158, 254-275.	0.8	4
17	New Non-existence Proofs for Ovoids of Hermitian Polar Spaces and Hyperbolic Quadrics. <i>Annals of Combinatorics</i> , 2017, 21, 25-42.	0.6	3
18	Point-primitive, line-transitive generalised quadrangles of holomorph type. <i>Journal of Group Theory</i> , 2017, 20, 269-287.	0.2	6

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19	Point-primitive generalised hexagons and octagons. <i>Journal of Combinatorial Theory - Series A</i> , 2017, 147, 186-204.	0.8	3
20	A relative m-cover of a Hermitian surface is a relative hemisystem. <i>Journal of Algebraic Combinatorics</i> , 2017, 45, 1217-1228.	0.8	3
21	An Enumeration of Certain Projective Ternary Two-Weight Codes. <i>Journal of Combinatorial Designs</i> , 2016, 24, 21-35.	0.6	2
22	Generalized Quadrangles and Transitive Pseudo-Hyperovals. <i>Journal of Combinatorial Designs</i> , 2016, 24, 151-164.	0.6	7
23	A note on relative hemisystems of Hermitian generalised quadrangles. <i>Designs, Codes, and Cryptography</i> , 2016, 81, 131-144.	1.6	2
24	Completing Segre's proof of Wedderburn's little theorem. <i>Bulletin of the London Mathematical Society</i> , 2015, 47, 483-492.	0.8	5
25	Locally triangular graphs and rectagraphs with symmetry. <i>Journal of Combinatorial Theory - Series A</i> , 2015, 133, 1-28.	0.8	4
26	Triple factorisations of the general linear group and their associated geometries. <i>Linear Algebra and Its Applications</i> , 2015, 469, 169-203.	0.9	1
27	AS-configurations and skew-translation generalised quadrangles. <i>Journal of Algebra</i> , 2015, 421, 311-330.	0.7	6
28	Editorial: Special issue on finite geometries in honor of Frank De Clerck. <i>Designs, Codes, and Cryptography</i> , 2014, 72, 1.	1.6	0
29	Bounds on the diameter of Cayley graphs of the symmetric group. <i>Journal of Algebraic Combinatorics</i> , 2014, 40, 1-22.	0.8	4
30	Unitals in the Desarguesian projective plane of order 16. <i>Journal of Statistical Planning and Inference</i> , 2014, 144, 110-122.	0.6	7
31	An Alternative Way to Generalize the Pentagon. <i>Journal of Combinatorial Designs</i> , 2013, 21, 163-179.	0.6	6
32	Hemisystems of small flock generalized quadrangles. <i>Designs, Codes, and Cryptography</i> , 2013, 67, 137-157.	1.6	9
33	The classification of almost simple $\frac{3}{2}$ -transitive groups. <i>Transactions of the American Mathematical Society</i> , 2013, 365, 4257-4311.	0.9	19
34	A Classification of the Strongly Regular Generalised Johnson Graphs. <i>Annals of Combinatorics</i> , 2012, 16, 489-506.	0.6	4
35	Weighted intriguing sets of finite generalised quadrangles. <i>Journal of Algebraic Combinatorics</i> , 2012, 36, 149-173.	0.8	4
36	Generalised quadrangles with a group of automorphisms acting primitively on points and lines. <i>Journal of Combinatorial Theory - Series A</i> , 2012, 119, 1479-1499.	0.8	12

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37	Intriguing sets in partial quadrangles. <i>Journal of Combinatorial Designs</i> , 2011, 19, 217-245.	0.6	7
38	Point regular groups of automorphisms of generalised quadrangles. <i>Journal of Combinatorial Theory - Series A</i> , 2011, 118, 1114-1128.	0.8	14
39	A geometric construction of Mathon's perpâ€system from four lines of PG (5, 3). <i>Journal of Combinatorial Designs</i> , 2010, 18, 450-461.	0.6	1
40	Every flock generalized quadrangle has a hemisystem. <i>Bulletin of the London Mathematical Society</i> , 2010, 42, 795-810.	0.8	22
41	A classification of transitive ovoids, spreads, and m-systems of polar spaces. <i>Forum Mathematicum</i> , 2009, 21, .	0.7	9
42	Tight sets and m-ovoids of generalised quadrangles. <i>Combinatorica</i> , 2009, 29, 1-17.	1.2	36
43	A hemisystem of a nonclassical generalised quadrangle. <i>Designs, Codes, and Cryptography</i> , 2009, 51, 157-165.	1.6	10
44	A construction of one-dimensional affine flag-transitive linear spaces. <i>Finite Fields and Their Applications</i> , 2008, 14, 537-548.	1.0	4
45	Transitive decompositions of graph products: rank 3 grid type. <i>Journal of Group Theory</i> , 2008, 11, .	0.2	7
46	Overgroups of Cyclic Sylow Subgroups of Linear Groups. <i>Communications in Algebra</i> , 2008, 36, 2503-2543.	0.6	16
47	ELATION GENERALIZED QUADRANGLES FOR WHICH THE NUMBER OF LINES ON A POINT IS THE SUCCESSOR OF A PRIME. <i>Journal of the Australian Mathematical Society</i> , 2008, 85, 289.	0.4	5
48	Tight sets and m-ovoids of finite polar spaces. <i>Journal of Combinatorial Theory - Series A</i> , 2007, 114, 1293-1314.	0.8	56
49	Transitive eggs. <i>Innovations in Incidence Geometry</i> , 2006, 4, 1-12.	0.1	3
50	Bounds and quotient actions of innately transitive groups. <i>Journal of the Australian Mathematical Society</i> , 2005, 79, 95-112.	0.4	2
51	Finite permutation groups with a transitive minimal normal subgroup. <i>Proceedings of the London Mathematical Society</i> , 2004, 89, 71-103.	1.3	18
52	Symplectic Spreads. <i>Designs, Codes, and Cryptography</i> , 2004, 32, 9-14.	1.6	6
53	The Crystallographic Restriction, Permutations, and Goldbach's Conjecture. <i>American Mathematical Monthly</i> , 2003, 110, 202.	0.3	12
54	The Crystallographic Restriction, Permutations, and Goldbach's Conjecture. <i>American Mathematical Monthly</i> , 2003, 110, 202-209.	0.3	13

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55	Torsion free groups generated by a pair of rational parabolic Möbius transformations. Bulletin of the Australian Mathematical Society, 2000, 61, 151-152.	0.5	0
56	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
57	Synchronising primitive groups of diagonal type exist. Bulletin of the London Mathematical Society, 0, , .	0.8	1
58	The minimum degree of minimal Ramsey graphs for cliques. Bulletin of the London Mathematical Society, 0, , .	0.8	0