Andrey Vasil'ev

List of Publications by Year
in descending order

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47 papers	643 citations	623734 14 h-index	610901 24 g-index
48 all docs	48 docs citations	48 times ranked	82 citing authors

#	Article	IF	Citations
1	An Adjacency Criterion for the Prime Graph of a Finite Simple Group. Algebra and Logic, 2005, 44, 381-406.	0.3	119
2	On Connection Between the Structure of a Finite Group and the Properties of Its Prime Graph. Siberian Mathematical Journal, 2005, 46, 396-404.	0.6	63
3	Cocliques of maximal size in the prime graph of a finite simple group. Algebra and Logic, 2011, 50, 291-322.	0.3	49
4	On recognition of finite simple groups with connected prime graph. Siberian Mathematical Journal, 2009, 50, 233-238.	0.6	34
5	Characterization of the finite simple groups by spectrum and order. Algebra and Logic, 2009, 48, 385-409.	0.3	33
6	On Recognition by Spectrum of Finite Simple Linear Groups over Fields of Characteristic 2. Siberian Mathematical Journal, 2005, 46, 593-600.	0.6	28
7	On finite groups isospectral to simple classical groups. Journal of Algebra, 2015, 423, 318-374.	0.7	27
8	Minimal permutation representations of finite simple exceptional groups of typesG 2 andF 4. Algebra and Logic, 1996, 35, 371-383.	0.3	25
9	Minimal permutation representations of finite simple exceptional twisted groups. Algebra and Logic, 1998, 37, 9-20.	0.3	25
10	On the structure of finite groups isospectral to finite simple groups. Journal of Group Theory, 2015, 18, 741-759.	0.2	20
11	On Recognition of the Finite Simple Orthogonal Groups of Dimension 2m, 2m+1, and 2m+2 over a Field of Characteristic 2. Siberian Mathematical Journal, 2004, 45, 420-432.	0.6	19
12	Minimal permutation representations of finite simple exceptional groups of typesE 6,E 7, andE 8. Algebra and Logic, 1997, 36, 302-310.	0.3	18
13	On finite groups isospectral to simple symplectic and orthogonal groups. Siberian Mathematical Journal, 2009, 50, 965-981.	0.6	15
14	Recognizability of groups G 2(q) by spectrum. Algebra and Logic, 2013, 52, 1-14.	0.3	14
15	Minimal permutation representations of finite simple orthogonal groups. Algebra and Logic, 1995, 33, 337-350.	0.3	12
16	Recognition of the Finite Simple Groups F4(2m) by Spectrum. Siberian Mathematical Journal, 2004, 45, 1031-1035.	0.6	11
17	Recognition by spectrum for simple classical groups in characteristic 2. Siberian Mathematical Journal, 2015, 56, 1009-1018.	0.6	10
18	On recognition of all finite nonabelian simple groups with orders having prime divisors at most 13. Siberian Mathematical Journal, 2005, 46, 246-253.	0.6	9

#	Article	IF	Citations
19	Recognition by spectrum for finite simple linear groups of small dimensions over fields of characteristic 2. Algebra and Logic, 2008, 47, 314-320.	0.3	9
20	On finite groups isospectral to simple linear and unitary groups. Siberian Mathematical Journal, 2011, 52, 30-40.	0.6	9
21	Recognition by spectrum for finite simple groups of Lie type. Frontiers of Mathematics in China, 2008, 3, 275-285.	0.7	8
22	Almost Recognizability by Spectrum of Simple Exceptional Groups of Lie Type. Algebra and Logic, 2015, 53, 433-449.	0.3	8
23		0.3	7
24	Two-closures of supersolvable permutation groups in polynomial time. Computational Complexity, 2020, 29, 1.	0.3	7
25	On recognizability by spectrum of finite simple groups of types B n , C n , and 2 D n for n = 2 k. Proceedings of the Steklov Institute of Mathematics, 2009, 267, 218-233.	0.3	6
26	Recognition of the finite almost simple groups PGL2(q) by their spectrum. Journal of Group Theory, 2007, 10, .	0.2	5
27	The Wielandtâ€“Hartley theorem for submaximal $$mathfrak {X}$$-subgroups. Monatshefte Fur Mathematik, 2020, 193, 143-155.	0.9	5
28	On the nilpotency of the solvable radical of a finite group isospectral to a simple group. Journal of Group Theory, 2020, 23, 447-470.	0.2	5
29	The 3-closure of a solvable permutation group is solvable. Journal of Algebra, 2021, , .	0.7	5
30	Recognition by Spectrum of L16(2m). Algebra Colloquium, 2007, 14, 585-591.	0.2	4
31	On non-abelian Schur groups. Journal of Algebra and Its Applications, 2014, 13, 1450055.	0.4	4
32	The 2-Closure of a $${extstyle{3 over 2}}$$ 3 2 -Transitive Group in Polynomial Time. Siberian Mathematical Journal, 2019, 60, 279-290.	0.6	4
33	Recognition of symplectic and orthogonal groups of small dimensions by spectrum. Journal of Algebra and Its Applications, 2019, 18, 1950230.	0.4	4
34	Locally Finite Groups with Bounded Centralizer Chains. Algebra and Logic, 2013, 52, 367-370.	0.3	3
35	What do Frobeniusâ€™s, Solomonâ€™s, and Iwasakiâ€™s theorems on divisibility in groups have in common ?. Pacific Journal of Mathematics, 2019, 302, 437-452.	0.5	3
36	On the prime graph of a finite group with unique nonabelian composition factor. Communications in Algebra, 2022, 50, 3447-3452.	0.6	3

#	Article	IF	Citations
37	On Constructive Recognition of Finite Simple Groups by Element Orders. Algebra and Logic, 2014, 53, 349-351.	0.3	2
38	Cartan coherent configurations. Journal of Algebraic Combinatorics, 2017, 45, 525-552.	0.8	2
39	The Closures of Wreath Products in Product Action. Algebra and Logic, 2021, 60, 188.	0.3	2
40	Testing Isomorphism of Central Cayley Graphs Over Almost Simple Groups in Polynomial Time. Journal of Mathematical Sciences, 2018, 234, 219-236.	0.4	1
41	The graph of atomic divisors and recognition of finite simple groups. Journal of Algebra, 2019, 537, 478-502.	0.7	1
42	Simple Groups Whose Gruenbergâ€“Kegel Graph or Solvable Graph is Split. Bulletin of the Malaysian Mathematical Sciences Society, 2020, 43, 2523-2547.	0.9	1
43	A characterization of exceptional pseudocyclic association schemes by multidimensional intersection numbers. Ars Mathematica Contemporanea, 2021, 21, #P1.10.	0.6	1
44	Solvable hypergroups and a generalization of Hall's theorems on finite solvable groups to association schemes. Journal of Algebra, 2022, 594, 733-750.	0.7	1
45	Recognizability of the finite simple groups by spectrum and order. Doklady Mathematics, 2010, 81, 216-218.	0.6	0
46	On L. G. KovÃcsâ€™ Problem. Algebra and Logic, 2016, 55, 340-344.	0.3	0
47	Groups with bounded centralizer chains and the Borovikâ€“Khukhro conjecture. Journal of Group Theory, 2018, 21, 1095-1110.	0.2	0