

Andrey Vasil'ev

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Solvable hypergroups and a generalization of Hall's theorems on finite solvable groups to association schemes. <i>Journal of Algebra</i> , 2022, 594, 733-750.	0.4	1
2	On the prime graph of a finite group with unique nonabelian composition factor. <i>Communications in Algebra</i> , 2022, 50, 3447-3452.	0.3	3
3	A characterization of exceptional pseudocyclic association schemes by multidimensional intersection numbers. <i>Ars Mathematica Contemporanea</i> , 2021, 21, #P1.10.	0.3	1
4	The 3-closure of a solvable permutation group is solvable. <i>Journal of Algebra</i> , 2021, , .	0.4	5
5	The Closures of Wreath Products in Product Action. <i>Algebra and Logic</i> , 2021, 60, 188.	0.4	2
6	Simple Groups Whose Gruenbergâ€™Kegel Graph or Solvable Graph is Split. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2020, 43, 2523-2547.	0.4	1
7	Two-closures of supersolvable permutation groups in polynomial time. <i>Computational Complexity</i> , 2020, 29, 1.	0.2	7
8	The Wielandtâ€™Hartley theorem for submaximal \mathfrak{X} -subgroups. <i>Monatshefte Fur Mathematik</i> , 2020, 193, 143-155.	0.5	5
9	On the nilpotency of the solvable radical of a finite group isospectral to a simple group. <i>Journal of Group Theory</i> , 2020, 23, 447-470.	0.2	5
10	The graph of atomic divisors and recognition of finite simple groups. <i>Journal of Algebra</i> , 2019, 537, 478-502.	0.4	1
11	The 2-Closure of a 3^2 -Transitive Group in Polynomial Time. <i>Siberian Mathematical Journal</i> , 2019, 60, 279-290.	0.2	4
12	Recognition of symplectic and orthogonal groups of small dimensions by spectrum. <i>Journal of Algebra and Its Applications</i> , 2019, 18, 1950230.	0.3	4
13	What do Frobeniusâ€™s, Solomonâ€™s, and Iwasakiâ€™s theorems on divisibility in groups have in common ?. <i>Pacific Journal of Mathematics</i> , 2019, 302, 437-452.	0.2	3
14	Groups with bounded centralizer chains and the Borovikâ€™Khukhro conjecture. <i>Journal of Group Theory</i> , 2018, 21, 1095-1110.	0.2	0
15	Testing Isomorphism of Central Cayley Graphs Over Almost Simple Groups in Polynomial Time. <i>Journal of Mathematical Sciences</i> , 2018, 234, 219-236.	0.1	1
16	Cartan coherent configurations. <i>Journal of Algebraic Combinatorics</i> , 2017, 45, 525-552.	0.4	2
17	On L. G. Kovácsâ€™ Problem. <i>Algebra and Logic</i> , 2016, 55, 340-344.	0.4	0
18	Recognition by spectrum for simple classical groups in characteristic 2. <i>Siberian Mathematical Journal</i> , 2015, 56, 1009-1018.	0.2	10

#	ARTICLE	IF	CITATIONS
19	Almost Recognizability by Spectrum of Simple Exceptional Groups of Lie Type. Algebra and Logic, 2015, 53, 433-449.	0.4	8
20	On the structure of finite groups isospectral to finite simple groups. Journal of Group Theory, 2015, 18, 741-759.	0.2	20
21	On finite groups isospectral to simple classical groups. Journal of Algebra, 2015, 423, 318-374.	0.4	27
22	On non-abelian Schur groups. Journal of Algebra and Its Applications, 2014, 13, 1450055.	0.3	4
23	On Constructive Recognition of Finite Simple Groups by Element Orders. Algebra and Logic, 2014, 53, 349-351.	0.4	2
24	Locally Finite Groups with Bounded Centralizer Chains. Algebra and Logic, 2013, 52, 367-370.	0.4	3
25	Recognizability of groups $G_2(q)$ by spectrum. Algebra and Logic, 2013, 52, 1-14.	0.4	14
26	On finite groups isospectral to simple linear and unitary groups. Siberian Mathematical Journal, 2011, 52, 30-40.	0.2	9
27	Cocliques of maximal size in the prime graph of a finite simple group. Algebra and Logic, 2011, 50, 291-322.	0.4	49
28	Recognizability of the finite simple groups by spectrum and order. Doklady Mathematics, 2010, 81, 216-218.	0.1	0
29	Characterization of the finite simple groups by spectrum and order. Algebra and Logic, 2009, 48, 385-409.	0.4	33
30	On recognition of finite simple groups with connected prime graph. Siberian Mathematical Journal, 2009, 50, 233-238.	0.2	34
31	On finite groups isospectral to simple symplectic and orthogonal groups. Siberian Mathematical Journal, 2009, 50, 965-981.	0.2	15
32	On recognizability by spectrum of finite simple groups of types B_n , C_n , and $2D_n$ for $n = 2k$. Proceedings of the Steklov Institute of Mathematics, 2009, 267, 218-233.	0.1	6
33	Recognition by spectrum for finite simple groups of Lie type. Frontiers of Mathematics in China, 2008, 3, 275-285.	0.4	8
34	Recognition by spectrum for finite simple linear groups of small dimensions over fields of characteristic 2. Algebra and Logic, 2008, 47, 314-320.	0.4	9
35	Recognition by Spectrum of $L_{16}(2^m)$. Algebra Colloquium, 2007, 14, 585-591.	0.1	4
36	Recognition of the finite almost simple groups $PGL_2(q)$ by their spectrum. Journal of Group Theory, 2007, 10, .	0.2	5

#	ARTICLE	IF	CITATIONS
37	An Adjacency Criterion for the Prime Graph of a Finite Simple Group. Algebra and Logic, 2005, 44, 381-406.	0.4	119
38	On recognition of all finite nonabelian simple groups with orders having prime divisors at most 13. Siberian Mathematical Journal, 2005, 46, 246-253.	0.2	9
39	On Connection Between the Structure of a Finite Group and the Properties of Its Prime Graph. Siberian Mathematical Journal, 2005, 46, 396-404.	0.2	63
40	On Recognition by Spectrum of Finite Simple Linear Groups over Fields of Characteristic 2. Siberian Mathematical Journal, 2005, 46, 593-600.	0.2	28
41	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.	0.2	19
42	Recognition of the Finite Simple Groups $F_4(2m)$ by Spectrum. Siberian Mathematical Journal, 2004, 45, 1031-1035.	0.2	11
43		0.4	7
44	Minimal permutation representations of finite simple exceptional twisted groups. Algebra and Logic, 1998, 37, 9-20.	0.4	25
45	Minimal permutation representations of finite simple exceptional groups of types E_6 , E_7 , and E_8 . Algebra and Logic, 1997, 36, 302-310.	0.4	18
46	Minimal permutation representations of finite simple exceptional groups of types G_2 and F_4 . Algebra and Logic, 1996, 35, 371-383.	0.4	25
47	Minimal permutation representations of finite simple orthogonal groups. Algebra and Logic, 1995, 33, 337-350.	0.4	12