

Rostislav Grigorchuk

List of Publications by Year in descending order

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34
times ranked

157
citing authors

#	ARTICLE	IF	CITATIONS
1	From Fractal Groups to Fractal Sets. , 2003, , 25-118.		84
2	Solved and Unsolved Problems Around One Group. , 2005, , 117-218.		72
3	Asymptotic aspects of Schreier graphs and Hanoi Towers groups. Comptes Rendus Mathematique, 2006, 342, 545-550.	0.3	53
4	On spectra of Koopman, groupoid and quasi-regular representations. Journal of Modern Dynamics, 2017, 11, 99-123.	0.5	27
5	Complete growth functions of hyperbolic groups. Inventiones Mathematicae, 1997, 130, 159-188.	2.5	25
6	Irreducibility of unitary group representations and reproducing kernels Hilbert spaces. , 2003, 21, 115-149.		24
7	Self-similarity and branching in group theory. , 2007, , 36-95.		24
8	Self-similar groups, operator algebras and Schur complement. Journal of Modern Dynamics, 2007, 1, 323-370.	0.5	23
9	Milnor's problem on the growth of groups and its consequences. , 2014, , 705-774.		20
10	On diagonal actions of branch groups and the corresponding characters. Journal of Functional Analysis, 2018, 274, 3033-3055.	1.4	20
11	Joint spectrum and the infinite dihedral group. Proceedings of the Steklov Institute of Mathematics, 2017, 297, 145-178.	0.3	18
12	Invariant random subgroups of lamplighter groups. Israel Journal of Mathematics, 2015, 207, 763-782.	0.8	17
13	Spectra of Schreier graphs of Grigorchuk's group and Schroedinger operators with aperiodic order. Mathematische Annalen, 2018, 370, 1607-1637.	1.4	14
14	Amenable groups without finitely presented amenable covers. Bulletin of Mathematical Sciences, 2013, 3, 73-131.	0.7	12
15	On the Gap Conjecture concerning group growth. Bulletin of Mathematical Sciences, 2014, 4, 113-128.	0.7	11
16	Just-infinite C^* -algebras. Commentarii Mathematici Helvetici, 2018, 93, 157-201.	0.7	11
17	The spectral problem, substitutions and iterated monodromy. CRM Proceedings & Lecture Notes, 2007, , 225-248.	0.1	9
18	Universal groups of intermediate growth and their invariant random subgroups. Functional Analysis and Its Applications, 2015, 49, 159-174.	0.4	6

#	ARTICLE	IF	CITATIONS
19	Ergodic decomposition of group actions on rooted trees. Proceedings of the Steklov Institute of Mathematics, 2016, 292, 94-111.	0.3	5
20	Schreier Graphs of Grigorchuk's Group and a Subshift Associated to a Nonprimitive Substitution. , 0, , 250-299.		5
21	On the question "Can one hear the shape of a group?" and a Hulanicki type theorem for graphs. Israel Journal of Mathematics, 2020, 237, 53-74.	0.8	5
22	Integrable and Chaotic Systems Associated with Fractal Groups. Entropy, 2021, 23, 237.	2.2	5
23	Characteristic random subgroups of geometric groups and free abelian groups of infinite rank. Transactions of the American Mathematical Society, 2016, 369, 755-781.	0.9	4
24	Spectra of Cayley graphs of the lamplighter group and random Schrödinger operators. Transactions of the American Mathematical Society, 2021, 374, 2421-2445.	0.9	3
25	Amenability and Ergodic Properties of Topological Groups: From Bogolyubov Onwards. , 0, , 215-249.		2
26	On Spectra and Spectral Measures of Schreier and Cayley Graphs. International Mathematics Research Notices, 0, , .	1.0	2
27	Key agreement based on automaton groups. Groups, Complexity, Cryptology, 2019, 11, 77-81.	0.3	1
28	On growth of random groups of intermediate growth. Groups, Geometry, and Dynamics, 2014, 8, 643-667.	0.5	1
29	On the growth of the wallpaper groups. Acta Crystallographica Section A: Foundations and Advances, 2022, 78, 371-383.	0.1	1
30	Combinatorics of the subshift associated with Grigorchuk's group. Proceedings of the Steklov Institute of Mathematics, 2017, 297, 138-144.	0.3	0
31	SOLENOIDAL MAPS, AUTOMATIC SEQUENCES, VAN DER PUT SERIES, AND MEALY AUTOMATA. Journal of the Australian Mathematical Society, 0, , 1-32.	0.4	0
32	Subshifts with leading sequences, uniformity of cocycles and spectra of Schreier graphs. Advances in Mathematics, 2022, 407, 108550.	1.1	0