

Nikolay Nikolov

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

474
citations

840776

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752698

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21
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21
docs citations

21
times ranked

147
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | On finitely generated profinite groups, I: strong completeness and uniform bounds. Annals of Mathematics, 2007, 165, 171-238. | 4.2 | 129 |
| 2 | On the growth of L^2 -invariants for sequences of lattices in Lie groups. Annals of Mathematics, 2017, 185, 711-790. | 4.2 | 79 |
| 3 | Finite index subgroups in profinite groups. Comptes Rendus Mathematique, 2003, 337, 303-308. | 0.3 | 42 |
| 4 | Finite simple groups as expanders. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 6116-6119. | 7.1 | 37 |
| 5 | Rank gradient, cost of groups and the rank versus Heegaard genus problem. Journal of the European Mathematical Society, 2012, 14, 1657-1677. | 1.4 | 37 |
| 6 | On finitely generated profinite groups, II: products in quasisimple groups. Annals of Mathematics, 2007, 165, 239-273. | 4.2 | 31 |
| 7 | Generators and commutators in finite groups; abstract quotients of compact groups. Inventiones Mathematicae, 2012, 190, 513-602. | 2.5 | 28 |
| 8 | ON THE COMMUTATOR WIDTH OF PERFECT GROUPS. Bulletin of the London Mathematical Society, 2004, 36, 30-36. | 0.8 | 16 |
| 9 | Powers in finite groups. Groups, Geometry, and Dynamics, 2011, 5, 501-507. | 0.5 | 13 |
| 10 | A product decomposition for the classical quasisimple groups. Journal of Group Theory, 2007, 10, . | 0.2 | 12 |
| 11 | Groups of Lie type as products of SL_2 subgroups. Journal of Algebra, 2011, 326, 201-207. | 0.7 | 12 |
| 12 | A conjecture on product decompositions in simple groups. Groups, Geometry, and Dynamics, 2010, 4, 799-812. | 0.5 | 8 |
| 13 | Product decompositions in finite simple groups. Bulletin of the London Mathematical Society, 2012, 44, 469-472. | 0.8 | 8 |
| 14 | Rank, combinatorial cost, and homology torsion growth in higher rank lattices. Duke Mathematical Journal, 2017, 166, . | 1.5 | 8 |
| 15 | Verbal width in anabelian groups. Israel Journal of Mathematics, 2016, 216, 847-876. | 0.8 | 6 |
| 16 | On normal subgroups of compact groups. Journal of the European Mathematical Society, 2014, 16, 597-618. | 1.4 | 3 |
| 17 | An infinite compact Hausdorff group has uncountably many conjugacy classes. Proceedings of the American Mathematical Society, 2019, 147, 4083-4089. | 0.8 | 2 |
| 18 | Generation of polycyclic groups. Journal of Group Theory, 2009, 12, . | 0.2 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | On Deficiency Gradient of Groups. International Mathematics Research Notices, 2016, 2016, 696-716. | 1.0 | 1 |
| 20 | On the Growth of L2-Invariants of Locally Symmetric Spaces, II: Exotic Invariant Random Subgroups in Rank One. International Mathematics Research Notices, 2020, 2020, 2588-2625. | 1.0 | 1 |
| 21 | Gradients of Sequences of Subgroups in a Direct Product. International Mathematics Research Notices, 2019, 2019, 3704-3717. | 1.0 | 0 |