# Changguo shao

## List of Publications by Year
## in descending order

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|---|---|---|---|
| 40 papers | 165 citations | 1478505<br>6 h-index | 1281871<br>11 g-index |
| 42 all docs | 42 docs citations | 42 times ranked | 43 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | A new characterization of A 5. Monatshefte Fur Mathematik, 2010, 160, 337-341. | 0.9 | 34 |
| 2 | Characterization of simple K 4-groups. Frontiers of Mathematics in China, 2008, 3, 355-370. | 0.7 | 29 |
| 3 | Restrictions on maximal invariant subgroups implying solvability of finite groups. Annali Di Matematica Pura Ed Applicata, 2019, 198, 357-366. | 1.0 | 12 |
| 4 | Finite groups with 24 elements of maximal order. Frontiers of Mathematics in China, 2010, 5, 665-678. | 0.7 | 9 |
| 5 | On conjugacy class sizes of primary and biprimary elements of a finite group. Science China Mathematics, 2014, 57, 491-498. | 1.7 | 7 |
| 6 | A NEW CHARACTERIZATION OF SOME LINEAR GROUPS BY NSE. Journal of Algebra and Its Applications, 2014, 13, 1350094. | 0.4 | 7 |
| 7 | Recognition of $$L_2(q)$$ L 2 ( q ) by its group order and largest irreducible character degree. Monatshefte Fur Mathematik, 2015, 176, 413-422. | 0.9 | 7 |
| 8 | Invariant TI-subgroups and structure of finite groups. Journal of Pure and Applied Algebra, 2021, 225, 106566. | 0.6 | 7 |
| 9 | A Note on â€œConjugacy Classes Outside a Normal Subgroupâ€. Communications in Algebra, 2009, 37, 3306-3308. | 0.6 | 5 |
| 10 | Finite groups with two conjugacy class sizes of Ï€-elements of primary and biprimary orders. Monatshefte Fur Mathematik, 2013, 169, 105-112. | 0.9 | 5 |
| 11 | On the number of invariant Sylow subgroups under coprime action. Journal of Algebra, 2017, 490, 380-389. | 0.7 | 5 |
| 12 | Indices of Maximal Invariant Subgroups and Solvability of Finite Groups. Mediterranean Journal of Mathematics, 2019, 16, 1. | 0.8 | 5 |
| 13 | A new characterization of Suzukiâ€™s simple groups. Journal of Algebra and Its Applications, 2017, 16, 1750216. | 0.4 | 4 |
| 14 | On Thompson's Conjecture of $A_{10}$. Communications in Algebra, 2011, 39, 2349-2353. | 0.6 | 3 |
| 15 | SOLVABILITY OF FINITE GROUPS WITH FOUR CONJUGACY CLASS SIZES OF CERTAIN ELEMENTS. Bulletin of the Australian Mathematical Society, 2014, 90, 250-256. | 0.5 | 3 |
| 16 | A coprime action version of a solubility criterion of Deskins. Monatshefte Fur Mathematik, 2019, 188, 461-466. | 0.9 | 3 |
| 17 | A New Characterization of $A_{22}$ by Its Spectrum. Communications in Algebra, 2010, 38, 2138-2141. | 0.6 | 2 |
| 18 | p-divisibility of conjugacy class sizes and normal p-complements. Journal of Group Theory, 2015, 18, . | 0.2 | 2 |

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|---|---------|----|-----------|
| 19 | Primary and biprimary class sizes implying nilpotency of finite groups. Turkish Journal of Mathematics, 2016, 40, 389-396. | 0.7 | 2 |
| 20 | Structure of finite groups with four conjugacy class sizes of certain elements. Communications in Algebra, 2018, 46, 1484-1491. | 0.6 | 2 |
| 21 | Determining group structure by set of conjugacy class sizes. Communications in Algebra, 2020, 48, 1626-1631. | 0.6 | 2 |
| 22 | Conjugacy class sizes and solvability of finite groups. Proceedings of the Indian Academy of Sciences: Mathematical Sciences, 2013, 123, 239-244. | 0.1 | 1 |
| 23 | A Classification of Minimal Non-MNP-Groups. Communications in Algebra, 2013, 41, 1601-1607. | 0.6 | 1 |
| 24 | A new characterization of L 2(p) by NSE. Proceedings of the Indian Academy of Sciences: Mathematical Sciences, 2015, 125, 507-510. | 0.1 | 1 |
| 25 | Finite groups with three conjugacy class sizes of primary and biprimary elements. Turkish Journal of Mathematics, 2015, 39, 346-355. | 0.7 | 1 |
| 26 | Class sizes of prime-power order $$p'$$ $p$ €² -elements and normal subgroups. Annali Di Matematica Pura Ed Applicata, 2015, 194, 1527-1533. | 1.0 | 1 |
| 27 | Invariant class sizes and solvability of finite groups under coprime action. Mathematische Nachrichten, 2016, 289, 187-193. | 0.8 | 1 |
| 28 | Characterization of groups L 2(q) by NSE where q ∈ {17, 27, 29}. Chinese Annals of Mathematics Series B, 2016, 37, 103-110. | 0.4 | 1 |
| 29 | Finite groups with three conjugacy class sizes of certain elements. Publications De L'Institut Mathematique, 2015, 98, 265-270. | 0.2 | 1 |
| 30 | A NEW CHARACTERIZATION OF PSL$_2$(p) BY NSE. Journal of Algebra and Its Applications, 2014, 13, 1350123. | 0.4 | 0 |
| 31 | Finite groups whose set of numbers of subgroups of possible order has exactly 2 elements. Czechoslovak Mathematical Journal, 2014, 64, 827-831. | 0.3 | 0 |
| 32 | An extension of a theorem of Alan Camina on conjugacy class sizes. Israel Journal of Mathematics, 2014, 204, 145-153. | 0.8 | 0 |
| 33 | Coprime action and arithmetical conditions on invariant conjugacy classes. Science China Mathematics, 2015, 58, 2499-2504. | 1.7 | 0 |
| 34 | A note on the solvability of finite groups with four particular conjugacy class sizes. Monatshefte Fur Mathematik, 2015, 178, 453-456. | 0.9 | 0 |
| 35 | On normal subgroups with consecutive G-class sizes. Journal of Algebra and Its Applications, 2016, 15, 1650151. | 0.4 | 0 |
| 36 | A New Characterization of PSL(2, q) by Group Order and the Set of Vanishing Element Orders. Algebra Colloquium, 2019, 26, 459-466. | 0.2 | 0 |

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|---|---------|----|-----------| 
| 37 | Orbits of maximal invariant subgroups and solvability of finite groups. Journal of Algebra, 2019, 539, 177-200. | 0.7 | 0 |
| 38 | Conditions for Sylow 2-subgroups of the Fixed Point Subgroup Implying Solubility. Proceedings of the Edinburgh Mathematical Society, 2019, 62, 211-220. | 0.3 | 0 |
| 39 | Finite groups with exactly one composite conjugacy class size. Proceedings of the Indian Academy of Sciences: Mathematical Sciences, 2020, 130, 1. | 0.1 | 0 |
| 40 | A new characterization of A 5. Monatshefte Fur Mathematik, 2010, 160, 337. | 0.9 | 0 |