

Qun Cao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3222173/publications.pdf>

Version: 2024-02-01

19
papers

1,669
citations

623734

14
h-index

794594

19
g-index

25
all docs

25
docs citations

25
times ranked

2104
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Decoupling manufacturing from application in additive manufactured antimicrobial materials. <i>Biomaterials Science</i> , 2021, 9, 5397-5406. | 5.4 | 13 |
| 2 | Greener Dye Synthesis: Continuous, Solvent-Free Synthesis of Commodity Perylene Diimides by Twin-Screw Extrusion. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4478-4483. | 13.8 | 46 |
| 3 | Greener Dye Synthesis: Continuous, Solvent-Free Synthesis of Commodity Perylene Diimides by Twin-Screw Extrusion. <i>Angewandte Chemie</i> , 2020, 132, 4508-4513. | 2.0 | 16 |
| 4 | A Ball-Milling-Enabled Reformatsky Reaction. <i>ChemSusChem</i> , 2019, 12, 2554-2557. | 6.8 | 54 |
| 5 | Robust Buchwald-Hartwig amination enabled by ball-milling. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 1722-1726. | 2.8 | 67 |
| 6 | Mechanochemistry as an emerging tool for molecular synthesis: what can it offer?. <i>Chemical Science</i> , 2018, 9, 3080-3094. | 7.4 | 610 |
| 7 | 3D-Printable Photochromic Molecular Materials for Reversible Information Storage. <i>Advanced Materials</i> , 2018, 30, e1800159. | 21.0 | 75 |
| 8 | Translating solid state organic synthesis from a mixer mill to a continuous twin screw extruder. <i>Green Chemistry</i> , 2018, 20, 4443-4447. | 9.0 | 57 |
| 9 | Photochromic Materials: 3D-Printable Photochromic Molecular Materials for Reversible Information Storage (<i>Adv. Mater.</i> 26/2018). <i>Advanced Materials</i> , 2018, 30, 1870193. | 21.0 | 2 |
| 10 | Mechanochemical Activation of Zinc and Application to Negishi Cross-Coupling. <i>Angewandte Chemie</i> , 2018, 130, 11509-11513. | 2.0 | 40 |
| 11 | Mechanochemical Activation of Zinc and Application to Negishi Cross-Coupling. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11339-11343. | 13.8 | 98 |
| 12 | Palladium(II)-Catalysed Aminocarbonylation of Terminal Alkynes for the Synthesis of α -Amides: Addressing the Challenges of Solvents and Gas Mixtures. <i>ChemSusChem</i> , 2017, 10, 675-680. | 6.8 | 18 |
| 13 | Cationic Palladium(II) Complexes for Catalytic Wacker-Type Oxidation of Styrenes to Ketones Using O_2 as the Sole Oxidant. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 5604-5608. | 2.0 | 14 |
| 14 | Synthesis of α -Alkynoates by Palladium(II)-Catalyzed Oxidative Carbonylation of Terminal Alkynes and Alcohols. <i>Chemistry - A European Journal</i> , 2016, 22, 11982-11985. | 3.3 | 17 |
| 15 | Palladium-Catalyzed Oxidative Synthesis of Highly Functionalized Ortholactones. <i>Chemistry - A European Journal</i> , 2015, 21, 7726-7730. | 3.3 | 7 |
| 16 | Cationic palladium complexes as catalysts for the oxidation of terminal olefins to methyl ketones using hydrogen peroxide. <i>Green Chemistry</i> , 2015, 17, 2750-2757. | 9.0 | 45 |
| 17 | Copper(keto)ABNO catalysed aerobic alcohol oxidation. <i>Catalysis Science and Technology</i> , 2014, 4, 1720-1725. | 4.1 | 34 |
| 18 | Aerobic oxidation catalysis with stable radicals. <i>Chemical Communications</i> , 2014, 50, 4524-4543. | 4.1 | 319 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Copper/TEMPO catalysed synthesis of nitriles from aldehydes or alcohols using aqueous ammonia and with air as the oxidant. <i>Chemical Communications</i> , 2013, 49, 6030. | 4.1 | 133 |