

Michael G Campbell

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

4,782
citations

430874

18
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

6470
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Electrically Conductive Porous Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3566-3579. | 13.8 | 1,444 |
| 2 | Cu ₃ (hexaiminotriphenylene) ₂ : An Electrically Conductive 2D Metal-Organic Framework for Chemiresistive Sensing. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4349-4352. | 13.8 | 765 |
| 3 | Modern Carbon-Fluorine Bond Forming Reactions for Aryl Fluoride Synthesis. <i>Chemical Reviews</i> , 2015, 115, 612-633. | 47.7 | 641 |
| 4 | Chemiresistive Sensor Arrays from Conductive 2D Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2015, 137, 13780-13783. | 13.7 | 615 |
| 5 | Metal-Organic Frameworks as Active Materials in Electronic Sensor Devices. <i>Sensors</i> , 2017, 17, 1108. | 3.8 | 212 |
| 6 | Elektrisch leitfähige poröse Metall-organische Gerüstverbindungen. <i>Angewandte Chemie</i> , 2016, 128, 3628-3642. | 2.0 | 180 |
| 7 | Late-Stage Fluorination: From Fundamentals to Application. <i>Organic Process Research and Development</i> , 2014, 18, 474-480. | 2.7 | 167 |
| 8 | Palladium(III)-Catalyzed Fluorination of Arylboronic Acid Derivatives. <i>Journal of the American Chemical Society</i> , 2013, 135, 14012-14015. | 13.7 | 141 |
| 9 | Synthesis and structure of solution-stable one-dimensional palladium wires. <i>Nature Chemistry</i> , 2011, 3, 949-953. | 13.6 | 115 |
| 10 | Bridging the gaps in 18F PET tracer development. <i>Nature Chemistry</i> , 2017, 9, 1-3. | 13.6 | 71 |
| 11 | Switchable electrical conductivity in a three-dimensional metal-organic framework <i>via</i> reversible ligand n-doping. <i>Chemical Science</i> , 2020, 11, 1342-1346. | 7.4 | 50 |
| 12 | Transition Metal d-Orbital Splitting Diagrams: An Updated Educational Resource for Square Planar Transition Metal Complexes. <i>Journal of Chemical Education</i> , 2016, 93, 118-121. | 2.3 | 29 |
| 13 | Late-Stage Formation of Carbon-Fluorine Bonds. <i>Chemical Record</i> , 2014, 14, 482-491. | 5.8 | 28 |
| 14 | Teaching with the Case Study Method To Promote Active Learning in a Small Molecule Crystallography Course for Chemistry Students. <i>Journal of Chemical Education</i> , 2016, 93, 270-274. | 2.3 | 23 |
| 15 | Bimetallic Photoredox Catalysis: Visible Light-Promoted Aerobic Hydroxylation of Arylboronic Acids with a Dirhodium(II) Catalyst. <i>Journal of Organic Chemistry</i> , 2020, 85, 2040-2047. | 3.2 | 22 |
| 16 | Isorecticular Linker Substitution in Conductive Metal-Organic Frameworks with Through-Space Transport Pathways. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19623-19626. | 13.8 | 22 |
| 17 | One-Dimensional Palladium Wires: Influence of Molecular Changes on Supramolecular Structure. <i>Inorganic Chemistry</i> , 2013, 52, 13295-13297. | 4.0 | 19 |
| 18 | Teaching Outside the Classroom: Field Trips in Crystallography Education for Chemistry Students. <i>Journal of Chemical Education</i> , 2016, 93, 1671-1675. | 2.3 | 17 |

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|----|---|------|-----------|
| 19 | Fluoride detection with a redox-active naphthalene diimide metal-organic framework. <i>Polyhedron</i> , 2018, 154, 309-313. | 2.2 | 17 |
| 20 | Silver(II) and Silver(III) Intermediates in Alkene Aziridination with a Dinuclear Silver(I) Nitrene Transfer Catalyst. <i>ACS Catalysis</i> , 2020, 10, 4820-4826. | 11.2 | 15 |
| 21 | Argentophilic Interactions in Solution: An EXAFS Study of Silver(I) Nitrene Transfer Catalysts. <i>Inorganic Chemistry</i> , 2018, 57, 5720-5722. | 4.0 | 14 |
| 22 | Dinuclear Silver Complexes in Catalysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22614-22622. | 13.8 | 14 |
| 23 | Visible Light Absorption and Long-Lived Excited States in Dinuclear Silver(I) Complexes with Redox-Active Ligands. <i>Inorganic Chemistry</i> , 2020, 59, 18338-18344. | 4.0 | 12 |
| 24 | Connecting Key Concepts with Student Experience: Introducing Small-Molecule Crystallography to Chemistry Undergraduates Using a Flexible Laboratory Module. <i>Journal of Chemical Education</i> , 2018, 95, 2279-2283. | 2.3 | 10 |
| 25 | Silver(I) coordination polymers from dinucleating naphthyridine ligands. <i>Inorganic Chemistry Communication</i> , 2019, 101, 142-144. | 3.9 | 8 |
| 26 | Determination of Arsenic Content in Water Using a Silver Coordination Polymer. <i>ACS Environmental Au</i> , 2022, 2, 150-155. | 7.0 | 7 |
| 27 | Isorecticular Linker Substitution in Conductive Metal-Organic Frameworks with Through-Space Transport Pathways. <i>Angewandte Chemie</i> , 2020, 132, 19791-19794. | 2.0 | 5 |
| 28 | Dinuclear Silver Complexes in Catalysis. <i>Angewandte Chemie</i> , 2021, 133, 22794. | 2.0 | 3 |
| 29 | Teaching space-group diagrams to chemistry students through a peer-tutoring approach. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021, 77, 864-866. | 0.5 | 2 |
| 30 | A Novel Method For Fluoride Detection. , 2018, , . | | 0 |