

Stacey J Smith

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

596
citations

759233

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642732

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24
docs citations

24
times ranked

912
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Heat capacities and thermodynamic functions of TiO ₂ anatase and rutile: Analysis of phase stability. <i>American Mineralogist</i> , 2009, 94, 236-243. | 1.9 | 213 |
| 2 | Origin of Fast Catalysis in Allylic Amination Reactions Catalyzed by Pd–Ti Heterobimetallic Complexes. <i>Journal of the American Chemical Society</i> , 2015, 137, 7371-7378. | 13.7 | 49 |
| 3 | Novel Synthesis and Structural Analysis of Ferrihydrite. <i>Inorganic Chemistry</i> , 2012, 51, 6421-6424. | 4.0 | 46 |
| 4 | Synthesis of metal oxide nanoparticles via a robust "solvent-deficient" method. <i>Nanoscale</i> , 2015, 7, 144-156. | 5.6 | 45 |
| 5 | Designing Non-Centrosymmetric Molecular Crystals: Optimal Packing May Be Just One Carbon Away. <i>Advanced Functional Materials</i> , 2020, 30, 1904786. | 14.9 | 40 |
| 6 | Data Mining for Terahertz Generation Crystals. <i>Advanced Materials</i> , 2022, 34, e2107900. | 21.0 | 26 |
| 7 | Alkynyl Pyridinium Crystals for Terahertz Generation. <i>Advanced Optical Materials</i> , 2018, 6, 1800383. | 7.3 | 25 |
| 8 | La-Dopant Location in La-Doped Al_2O_3 Nanoparticles Synthesized Using a Novel One-Pot Process. <i>Journal of Physical Chemistry C</i> , 2015, 119, 25053-25062. | 3.1 | 22 |
| 9 | Terahertz generation and optical characteristics of P-BI. <i>Optics Letters</i> , 2019, 44, 4279. | 3.3 | 19 |
| 10 | 6MNEP: a molecular cation with large hyperpolarizability and promise for nonlinear optical applications. <i>Journal of Materials Chemistry C</i> , 2020, 8, 11079-11087. | 5.5 | 18 |
| 11 | Synthesis and Computational Studies Demonstrate the Utility of an Intramolecular Styryl Diels–Alder Reaction and Di- <i>t</i> -butylhydroxytoluene Assisted [1,3]-Shift to Construct Anticancer <i>dl</i> -Deoxypodophyllotoxin. <i>Journal of Organic Chemistry</i> , 2018, 83, 2018-2026. | 3.2 | 13 |
| 12 | Selective N Functionalization of Methane and Ethane to Aminated Derivatives by Main-Group-Directed C–H Activation. <i>Organometallics</i> , 2019, 38, 2319-2322. | 2.3 | 13 |
| 13 | Multi-instrument characterization of five nanodiamond samples: a thorough example of nanomaterial characterization. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 1107-1124. | 3.7 | 11 |
| 14 | Monosubstituted, Anionic Imidazolyl Ligands from N–H NHC Precursors and Their Activity in Pd-Catalyzed Cross-Coupling Reactions. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2876-2881. | 4.3 | 11 |
| 15 | Experiment and Theory of Bimetallic Pd-Catalyzed I^{\pm} -Arylation and Annulation for Naphthalene Synthesis. <i>ACS Catalysis</i> , 2021, 11, 10394-10404. | 11.2 | 10 |
| 16 | Multi-instrument characterization of HiPIMS and DC magnetron sputtered tungsten and copper films. <i>Surface and Interface Analysis</i> , 2020, 52, 433-441. | 1.8 | 8 |
| 17 | Terahertz generation of two methoxy stilbazolium crystals: MBST and MBSC. <i>Optical Materials</i> , 2021, 117, 111119. | 3.6 | 8 |
| 18 | Synthesis and characterization of ethyl benzotriazolyl acrylate-based I^{\pm} fluorophores for live cell-based imaging applications. <i>RSC Advances</i> , 2019, 9, 8759-8767. | 3.6 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Multi- μ instrument characterization of poly(divinylbenzene) microspheres for use in liquid chromatography: as received, air oxidized, carbonized, and acid treated. <i>Surface and Interface Analysis</i> , 2015, 47, 815-823. | 1.8 | 3 |
| 20 | Surface Spectroscopic Signatures of Mechanical Deformation in High-Density Polyethylene (HDPE). <i>Applied Spectroscopy</i> , 2018, 72, 1057-1068. | 2.2 | 3 |
| 21 | 2-Phosphinoimidazole Ligands: N- μ H NHC or P- μ N Coordination Complexes in Palladium-Catalyzed Suzuki-Miyaura Reactions of Aryl Chlorides. <i>Organometallics</i> , 2021, 40, 1560-1564. | 2.3 | 3 |
| 22 | Synthesis and characterization of benzotriazolyl acrylonitrile analogs-based donor-acceptor molecules: Optical properties, in vitro cytotoxicity, and cellular imaging. <i>Dyes and Pigments</i> , 2021, 189, 109251. | 3.7 | 3 |
| 23 | Medium and Large μ -Heterocycle Formation via Allene Hydroamination with a Bimetallic Rh(II) Catalyst. <i>Journal of the American Chemical Society</i> , 2022, 144, 63-68. | 13.7 | 1 |
| 24 | Synthesis, Characterization and Biological Studies of Ether-Based Ferrocenyl Amides and their Organic Analogues. <i>Crystals</i> , 2020, 10, 480. | 2.2 | 0 |