

James C Ianni

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

325
citations

1162889

8
h-index

1588896

8
g-index

10
all docs

10
docs citations

10
times ranked

401
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Iodide conversion to iodate in aqueous and solid aerosols exposed to ozone. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 5625-5637. | 1.3 | 12 |
| 2 | High performance computing simulations of spall phenomenon in a submicron thick nanocrystalline aluminum. <i>Modelling and Simulation in Materials Science and Engineering</i> , 2019, 27, 065015. | 0.8 | 8 |
| 3 | Quantum molecular interaction field models of substrate enantioselection in asymmetric processes. <i>Journal of Molecular Catalysis A</i> , 2010, 324, 141-145. | 4.8 | 16 |
| 4 | De Novo Chiral Amino Alcohols in Catalyzing Asymmetric Additions to Aryl Aldehydes. <i>Organic Letters</i> , 2006, 8, 1565-1568. | 2.4 | 47 |
| 5 | A Priori Theoretical Prediction of Selectivity in Asymmetric Catalysis: Design of Chiral Catalysts by Using Quantum Molecular Interaction Fields. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5502-5505. | 7.2 | 80 |
| 6 | QMOSAR: Utilization of a semiempirical probe potential in a field-based QSAR method. <i>Journal of Computational Chemistry</i> , 2005, 26, 23-34. | 1.5 | 31 |
| 7 | Is the A-Ring of Sparteine Essential for High Enantioselectivity in the Asymmetric Lithiation of N-Boc-pyrrolidine?. <i>Journal of the American Chemical Society</i> , 2004, 126, 15473-15479. | 6.6 | 47 |
| 8 | A comparison of the Bader-Deuflhard and the Cash-Karp Runge-Kutta integrators for the GRI-MECH 3.0 model based on the chemical kinetics code Kintecus. , 2003, , 1368-1372. | | 57 |