

# James C Ianni

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/939784/publications.pdf>

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	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
2	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
3	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
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	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
6	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
7	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
8	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