

Jonathan N Jaworski

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

1,014
citations

933447

10
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

1646
citing authors

#	ARTICLE	IF	CITATIONS
1	A robotic platform for flow synthesis of organic compounds informed by AI planning. <i>Science</i> , 2019, 365, .	12.6	548
2	Hierarchical Self-Assembly of a Biomimetic Diblock Copolypeptoid into Homochiral Superhelices. <i>Journal of the American Chemical Society</i> , 2010, 132, 16112-16119.	13.7	142
3	De novo structure prediction and experimental characterization of folded peptoid oligomers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 14320-14325.	7.1	88
4	Detection of Palladium(I) in Aerobic Oxidation Catalysis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3605-3610.	13.8	53
5	Diazafluorenone-Promoted Oxidation Catalysis: Insights into the Role of Bidentate Ligands in Pd-Catalyzed Aerobic Aza-Wacker Reactions. <i>ACS Catalysis</i> , 2016, 6, 3340-3348.	11.2	51
6	Structurally Diverse Diazafluorene-Ligated Palladium(II) Complexes and Their Implications for Aerobic Oxidation Reactions. <i>Journal of the American Chemical Society</i> , 2016, 138, 4869-4880.	13.7	43
7	Operando Spectroscopic and Kinetic Characterization of Aerobic Allylic C-H Acetoxylation Catalyzed by Pd(OAc) ₂ /4,5-Diazafluoren-9-one. <i>Journal of the American Chemical Society</i> , 2019, 141, 10462-10474.	13.7	31
8	Aerobic Acyloxylation of Allylic C-H Bonds Initiated by a Pd 0 Precatalyst with 4,5-Diazafluoren-9-one as an Ancillary Ligand. <i>ChemSusChem</i> , 2019, 12, 3003-3007.	6.8	18
9	Benzoquinone Cocatalyst Contributions to DAF/Pd(OAc) ₂ -Catalyzed Aerobic Allylic Acetoxylation in the Absence and Presence of a Co(salophen) Cocatalyst. <i>ACS Catalysis</i> , 2021, 11, 6363-6370.	11.2	14
10	Detection of Palladium(I) in Aerobic Oxidation Catalysis. <i>Angewandte Chemie</i> , 2017, 129, 3659-3664.	2.0	12
11	Continuous-Flow Synthesis of Tramadol from Cyclohexanone. <i>Synlett</i> , 2020, 31, 1888-1893.	1.8	10