

Nicholas H Williams

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

460
citations

1464605

7
h-index

1336881

12
g-index

12
all docs

12
docs citations

12
times ranked

820
citing authors

#	ARTICLE	IF	CITATIONS
1	Transmembrane signal transduction by cofactor transport. <i>Chemical Science</i> , 2021, 12, 12377-12382.	3.7	5
2	Interaction of anions with the surface of a coordination cage in aqueous solution probed by their effect on a cage-catalysed Kemp elimination. <i>Chemical Science</i> , 2021, 12, 14781-14791.	3.7	12
3	Adhesion of Grafted-to Polyelectrolyte Brushes Functionalized with Calix[4]resorcinarene and Deposited as a Monolayer. <i>Langmuir</i> , 2020, 36, 13843-13852.	1.6	4
4	Modeling the Alkaline Hydrolysis of Diaryl Sulfate Diesters: A Mechanistic Study. <i>Journal of Organic Chemistry</i> , 2020, 85, 6489-6497.	1.7	8
5	A Synthetic Vesicle-to-Vesicle Communication System. <i>Journal of the American Chemical Society</i> , 2019, 141, 17847-17853.	6.6	36
6	Computer simulations of the catalytic mechanism of wild-type and mutant $\hat{1}^2$ -phosphoglucomutase. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 2060-2073.	1.5	11
7	Catalysis in a Cationic Coordination Cage Using a Cavity-Bound Guest and Surface-Bound Anions: Inhibition, Activation, and Autocatalysis. <i>Journal of the American Chemical Society</i> , 2018, 140, 2821-2828.	6.6	103
8	Coordination Cages Based on Bis(pyrazolylpyridine) Ligands: Structures, Dynamic Behavior, Guest Binding, and Catalysis. <i>Accounts of Chemical Research</i> , 2018, 51, 2073-2082.	7.6	194
9	Triggered Release from Lipid Bilayer Vesicles by an Artificial Transmembrane Signal Transduction System. <i>Journal of the American Chemical Society</i> , 2017, 139, 15768-15773.	6.6	54
10	Simulating the reactions of substituted pyridinio-N-phosphonates with pyridine as a model for biological phosphoryl transfer. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 7308-7316.	1.5	5
11	Transition States and Control of Substrate Preference in the Promiscuous Phosphatase PP1. <i>Biochemistry</i> , 2017, 56, 3923-3933.	1.2	4
12	Double-network hydrogels improve pH-switchable adhesion. <i>Soft Matter</i> , 2016, 12, 5022-5028.	1.2	24