

Marc P Coons

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

797
citations

1307594

7
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

774
citing authors

#	ARTICLE	IF	CITATIONS
1	Software for the frontiers of quantum chemistry: An overview of developments in the Q-Chem 5 package. <i>Journal of Chemical Physics</i> , 2021, 155, 084801.	3.0	518
2	The Hydrated Electron. <i>Annual Review of Physical Chemistry</i> , 2017, 68, 447-472.	10.8	136
3	The Hydrated Electron at the Surface of Neat Liquid Water Appears To Be Indistinguishable from the Bulk Species. <i>Journal of the American Chemical Society</i> , 2016, 138, 10879-10886.	13.7	56
4	Quantum chemistry in arbitrary dielectric environments: Theory and implementation of nonequilibrium Poisson boundary conditions and application to compute vertical ionization energies at the air/water interface. <i>Journal of Chemical Physics</i> , 2018, 148, 222834.	3.0	29
5	Optimizing electronic structure simulations on a trapped-ion quantum computer using problem decomposition. <i>Communications Physics</i> , 2021, 4, .	5.3	23
6	Scaling up electronic structure calculations on quantum computers: The frozen natural orbital based method of increments. <i>Journal of Chemical Physics</i> , 2021, 155, 034110.	3.0	15
7	Detection and Correction of Delocalization Errors for Electron and Hole Polarons Using Density-Corrected DFT. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 5275-5284.	4.6	7
8	Alkane-Soluble Bis[tris(alkylphenyl)carbenium] Diborate Cocatalyst for Olefin Polymerizations. <i>ACS Catalysis</i> , 2022, 12, 7589-7597.	11.2	5