

Catherine F Wise

List of Publications by Year in descending order

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7
papers

1,019
citations

1307594

7
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

1253
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxygen Reduction by Homogeneous Molecular Catalysts and Electrocatalysts. <i>Chemical Reviews</i> , 2018, 118, 2340-2391.	47.7	483
2	Free Energies of Proton-Coupled Electron Transfer Reagents and Their Applications. <i>Chemical Reviews</i> , 2022, 122, 1-49.	47.7	146
3	Mechanism of Catalytic O ₂ Reduction by Iron Tetrphenylporphyrin. <i>Journal of the American Chemical Society</i> , 2019, 141, 8315-8326.	13.7	99
4	Identifying and Breaking Scaling Relations in Molecular Catalysis of Electrochemical Reactions. <i>Journal of the American Chemical Society</i> , 2017, 139, 11000-11003.	13.7	89
5	Determining Proton-Coupled Standard Potentials and O-H Bond Dissociation Free Energies in Nonaqueous Solvents Using Open-Circuit Potential Measurements. <i>Journal of the American Chemical Society</i> , 2020, 142, 10681-10691.	13.7	82
6	Developing Scaling Relationships for Molecular Electrocatalysis through Studies of Fe-Porphyrin-Catalyzed O ₂ Reduction. <i>Accounts of Chemical Research</i> , 2020, 53, 1056-1065.	15.6	65
7	Electrochemically Determined O-H Bond Dissociation Free Energies of NiO Electrodes Predict Proton-Coupled Electron Transfer Reactivity. <i>Journal of the American Chemical Society</i> , 2019, 141, 14971-14975.	13.7	40