

# Catherine F Wise

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7156163/publications.pdf>

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7  
papers

1,019  
citations

1307594

7  
h-index

1474206

9  
g-index

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all docs

9  
docs citations

9  
times ranked

1253  
citing authors

#	ARTICLE	IF	CITATIONS
1	Free Energies of Proton-Coupled Electron Transfer Reagents and Their Applications. <i>Chemical Reviews</i> , 2022, 122, 1-49.	47.7	146
2	Determining Proton-Coupled Standard Potentials and X-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
3	Developing Scaling Relationships for Molecular Electrocatalysis through Studies of Fe-Porphyrin-Catalyzed O <sub>2</sub> Reduction. <i>Accounts of Chemical Research</i> , 2020, 53, 1056-1065.	15.6	65
4	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
5	Mechanism of Catalytic O <sub>2</sub> Reduction by Iron Tetraphenylporphyrin. <i>Journal of the American Chemical Society</i> , 2019, 141, 8315-8326.	13.7	99
6	Oxygen Reduction by Homogeneous Molecular Catalysts and Electrocatalysts. <i>Chemical Reviews</i> , 2018, 118, 2340-2391.	47.7	483
7	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