

# Sara A M Wehlin

## List of Publications by Year in descending order

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14  
papers

517  
citations

759233

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1058476

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docs citations

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times ranked

632  
citing authors

#	ARTICLE	IF	CITATIONS
1	Halide Photoredox Chemistry. <i>Chemical Reviews</i> , 2019, 119, 4628-4683.	47.7	127
2	Mechanism of hydrogen activation by [NiFe] hydrogenases. <i>Nature Chemical Biology</i> , 2016, 12, 46-50.	8.0	102
3	A Roadmap Towards Visible Light Mediated Electron Transfer Chemistry with Iridium(III) Complexes. <i>ChemPhotoChem</i> , 2021, 5, 217-234.	3.0	54
4	Improved Visible Light Absorption of Potent Iridium(III) Photo-oxidants for Excited-State Electron Transfer Chemistry. <i>Journal of the American Chemical Society</i> , 2020, 142, 2732-2737.	13.7	48
5	Chloride Oxidation by Ruthenium Excited-States in Solution. <i>Journal of the American Chemical Society</i> , 2017, 139, 12903-12906.	13.7	35
6	Photostable Polynuclear Ruthenium(II) Photosensitizers Competent for Dehalogenation Photoredox Catalysis at 590 nm. <i>Journal of the American Chemical Society</i> , 2020, 142, 5549-5555.	13.7	32
7	Importance of the Active Site "Canopy" Residues in an O <sub>2</sub> -Tolerant [NiFe]-Hydrogenase. <i>Biochemistry</i> , 2017, 56, 132-142.	2.5	31
8	Hydrogen activation by [NiFe]-hydrogenases. <i>Biochemical Society Transactions</i> , 2016, 44, 863-868.	3.4	18
9	Ter-Ionic Complex that Forms a Bond Upon Visible Light Absorption. <i>Journal of the American Chemical Society</i> , 2018, 140, 7799-7802.	13.7	16
10	Tuning the excited-state deactivation pathways of dinuclear ruthenium(II) 2,2'-bipyridine complexes through bridging ligand design. <i>Dalton Transactions</i> , 2020, 49, 8096-8106.	3.3	15
11	Photophysical Properties of Tetracationic Ruthenium Complexes and Their Ter-Ionic Assemblies with Chloride. <i>Inorganic Chemistry</i> , 2018, 57, 12232-12244.	4.0	13
12	On the Determination of Halogen Atom Reduction Potentials with Photoredox Catalysts. <i>Journal of Physical Chemistry A</i> , 2021, 125, 9355-9367.	2.5	13
13	Two-photon spectroscopy of tungsten(0) arylisocyanides using nanosecond-pulsed excitation. <i>Dalton Transactions</i> , 2017, 46, 13188-13193.	3.3	8
14	Photophysical characterization of new osmium (II) photocatalysts for hydrohalic acid splitting. <i>Journal of Chemical Physics</i> , 2020, 153, 054307.	3.0	5