

# David F Zigler

## List of Publications by Year in descending order

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14  
papers

363  
citations

1040056

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1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

632  
citing authors

#	ARTICLE	IF	CITATIONS
1	At-Home Microscale Paper-Based Quantitative Analysis Activity with External Standards. <i>Journal of Chemical Education</i> , 2022, 99, 1081-1086.	2.3	11
2	Substituent effects on the UVâ€“visible spectrum and excited electronic states of dithiocarboxylates. <i>Photochemical and Photobiological Sciences</i> , 2022, 21, 303-318.	2.9	2
3	Ultrafast Relaxations in Ruthenium Polypyridyl Chromophores Determined by Stochastic Kinetics Simulations. <i>Journal of Physical Chemistry B</i> , 2020, 124, 5971-5985.	2.6	13
4	Ultrafast kinetics of supramolecules with a Ru(II)- or Os(II)-polypyridyl light absorber, cis-Rh(III)Cl <sub>2</sub> -polypyridyl electron collector, and 2,3-bis(2-pyridyl)pyrazine bridge. <i>Inorganica Chimica Acta</i> , 2017, 454, 266-274.	2.4	8
5	Carbon disulfide. Just toxic or also bioregulatory and/or therapeutic?. <i>Chemical Society Reviews</i> , 2017, 46, 21-39.	38.1	75
6	Disentangling the Physical Processes Responsible for the Kinetic Complexity in Interfacial Electron Transfer of Excited Ru(II) Polypyridyl Dyes on TiO <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 2016, 138, 4426-4438.	13.7	84
7	Photophysical properties of 2,3-dihydroquinazolin-4(1H)-one derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014, 294, 31-37.	3.9	4
8	Kinetic analysis of nitroxide radical formation under oxygenated photolysis: toward quantitative singlet oxygen topology. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 1804-1811.	2.9	9
9	Mononuclear copper(I) complexes of O-t-butyl-1,1-dithiooxalate and of O-t-butyl-1-perthio-1-thiooxalate. <i>Inorganica Chimica Acta</i> , 2011, 374, 261-268.	2.4	10
10	Design Considerations for a System for Photocatalytic Hydrogen Production from Water Employing Mixed-Metal Photochemical Molecular Devices for Photoinitiated Electron Collection. <i>Inorganic Chemistry</i> , 2009, 48, 1989-2000.	4.0	95
11	Ruthenium(II)-Polyazine Light Absorbers Bridged to Reactivecis-Dichlororhodium(III) Centers in a Bimetallic Molecular Architecture. <i>Inorganic Chemistry</i> , 2008, 47, 11342-11350.	4.0	26
12	A trimetallic supramolecular complex of osmium(II) and rhodium(III) displaying MLCT transitions in the near-IR. <i>Inorganic Chemistry Communication</i> , 2007, 10, 295-298.	3.9	12
13	Luminescently Tagged 2,2â€“Bipyridine Complex of Fe(II):Â Synthesis and Photophysical Studies of 4-[N-(2-Anthryl)carbamoyl]-4â€“methyl-2,2â€“bipyridine. <i>Inorganic Chemistry</i> , 2006, 45, 6565-6567.	4.0	9
14	Towards Photodynamic Therapy of Cancer with Platinum Group Metal Polyazine Complexes. , 0, , 235-272.		5