

David F Zigler

List of Publications by Year in descending order

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14
papers

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14
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632
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Disentangling the Physical Processes Responsible for the Kinetic Complexity in Interfacial Electron Transfer of Excited Ru(II) Polypyridyl Dyes on TiO ₂ . <i>Journal of the American Chemical Society</i> , 2016, 138, 4426-4438.	13.7	84
3	Carbon disulfide. Just toxic or also bioregulatory and/or therapeutic?. <i>Chemical Society Reviews</i> , 2017, 46, 21-39.	38.1	75
4	Ruthenium(II)-Polyazine Light Absorbers Bridged to Reactive cis-Dichlororhodium(III) Centers in a Bimetallic Molecular Architecture. <i>Inorganic Chemistry</i> , 2008, 47, 11342-11350.	4.0	26
5	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
6	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
7	At-Home Microscale Paper-Based Quantitative Analysis Activity with External Standards. <i>Journal of Chemical Education</i> , 2022, 99, 1081-1086.	2.3	11
8	Mononuclear copper(I) complexes of O- <i>t</i> -butyl-1,1-dithiooxalate and of O- <i>t</i> -butyl-1-perthio-1-thiooxalate. <i>Inorganica Chimica Acta</i> , 2011, 374, 261-268.	2.4	10
9	Luminescently Tagged 2,2'-Bipyridine Complex of Fe(II): Synthesis and Photophysical Studies of 4-[N-(2-Anthryl)carbamoyl]-4'-methyl-2,2'-bipyridine. <i>Inorganic Chemistry</i> , 2006, 45, 6565-6567.	4.0	9
10	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
11	Ultrafast kinetics of supramolecules with a Ru(II)- or Os(II)-polypyridyl light absorber, cis-Rh(III)Cl ₂ -polypyridyl electron collector, and 2,3-bis(2-pyridyl)pyrazine bridge. <i>Inorganica Chimica Acta</i> , 2017, 454, 266-274.	2.4	8
12	Towards Photodynamic Therapy of Cancer with Platinum Group Metal Polyazine Complexes. , 0, , 235-272.		5
13	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
14	Substituent effects on the UV-visible spectrum and excited electronic states of dithiocarboxylates. <i>Photochemical and Photobiological Sciences</i> , 2022, 21, 303-318.	2.9	2