

Jared J Paul

List of Publications by Year in descending order

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papers

641
citations

759233

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16
docs citations

16
times ranked

945
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrating proton coupled electron transfer (PCET) and excited states. Coordination Chemistry Reviews, 2010, 254, 2459-2471.	18.8	155
2	Iridium Dihydroxybipyridine Complexes Show That Ligand Deprotonation Dramatically Speeds Rates of Catalytic Water Oxidation. Inorganic Chemistry, 2013, 52, 9175-9183.	4.0	142
3	How Do Proximal Hydroxy or Methoxy Groups on the Bidentate Ligand Affect [(2,2'-6,6'-terpyridine)Ru(N,N)X] Water Oxidation Catalysts? Synthesis, Characterization, and Reactivity at Acidic and Near-Neutral pH. European Journal of Inorganic Chemistry, 2014, 2014, 676-689.	1.7	61
4	Structural, Electronic, and Acid/Base Properties of [Ru(bpy) ₂ (bpy(OH) ₂)] ²⁺ (bpy = 2,2'-Bipyridine, bpy(OH) ₂ = 2,2'-Dihydroxy-2,2'-bipyridine). Inorganic Chemistry, 2014, 53, 1000-1009.	1.7	60
5	Ruthenium dihydroxybipyridine complexes are tumor activated prodrugs due to low pH and blue light induced ligand release. Journal of Inorganic Biochemistry, 2014, 130, 103-111.	3.5	49
6	Ruthenium Complexes are pH-Activated Metallo Prodrugs (pHAMPs) with Light-Triggered Selective Toxicity Toward Cancer Cells. Inorganic Chemistry, 2017, 56, 7519-7532.	4.0	42
7	Structural, electronic and acid/base properties of [Ru(bpy(OH) ₂) ₃] ²⁺ (bpy(OH) ₂ = 2,2'-Dihydroxy-2,2'-bipyridine). Dalton Transactions, 2014, 2014, 10502-10511.	3.3	31
8	Beyond paraquats: Dialkyl 3,3'- and 3,4'-bipyridinium amphiphiles as antibacterial agents. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3706-3709.	2.2	22
9	Incorporating Sustainability and Life Cycle Assessment into First-Year Inorganic Chemistry Major Laboratories. Journal of Chemical Education, 2016, 93, 639-644.	2.3	15
10	Structural, electronic and acid/base properties of [Ru(tpy)(tpyOH)] ²⁺ and [Ru(tpyOH) ₂] ²⁺ (tpy = 2,2'-6,6'-terpyridine, tpyOH = 4-hydroxy-2,2'-6,6'-terpyridine). Polyhedron, 2014, 67, 329-337.	3.2	14
11	Spectroelectrochemical studies of a ruthenium complex containing the pH sensitive 4,4'-dihydroxy-2,2'-bipyridine ligand. Dalton Transactions, 2018, 47, 4149-4161.	3.3	14
12	Sterically demanding methoxy and methyl groups in ruthenium complexes lead to enhanced quantum yields for blue light triggered photodissociation. Dalton Transactions, 2018, 47, 15685-15693.	3.3	14
13	Structural, electronic and acid/base properties of [Ru(bpy)(bpy(OH) ₂) ₂] ²⁺ (bpy = 2,2'-bipyridine, bpy(OH) ₂ = 2,2'-dihydroxy-2,2'-bipyridine). Dalton Transactions, 2014, 2014, 10502-10511.	2.2	7
14	Direct Observation of Sequential Electron and Proton Transfer in Excited-State ET/PT Reactions. Journal of Physical Chemistry C, 2019, 123, 2728-2735.	3.1	7
15	Ruthenium complexes with asymmetric hydroxy- and methoxy-substituted bipyridine ligands. Polyhedron, 2021, 205, 115300.	2.2	7
16	Photophysics of Ru(II) complexes with hydroxylated diimine ligands: Photoinduced electron/proton transfer to anthraquinone. Polyhedron, 2021, 207, 115376.	2.2	2