

Bradley J Brennan

List of Publications by Year in descending order

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18
papers

788
citations

623734

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839539

18
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docs citations

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times ranked

1245
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of silatrane, phosphonic acid, and carboxylic acid functional groups for attachment of porphyrin sensitizers to TiO ₂ in photoelectrochemical cells. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 16605.	2.8	146
2	Photosynthetic Water Oxidation: Insights from Manganese Model Chemistry. <i>Accounts of Chemical Research</i> , 2015, 48, 567-574.	15.6	142
3	Heterogenized Iridium Water-Oxidation Catalyst from a Silatrane Precursor. <i>ACS Catalysis</i> , 2016, 6, 5371-5377.	11.2	79
4	Silatranes for binding inorganic complexes to metal oxide surfaces. <i>Dalton Transactions</i> , 2015, 44, 20312-20315.	3.3	57
5	1-(3-aminopropyl)silatrane derivatives as covalent surface linkers to nanoparticulate metal oxide films for use in photoelectrochemical cells. <i>Nanotechnology</i> , 2009, 20, 505203.	2.6	49
6	Oxidative coupling of porphyrins using copper(ii) salts. <i>Chemical Communications</i> , 2011, 47, 10034.	4.1	39
7	Photoelectrochemical Cells Utilizing Tunable Corroles. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 16124-16130.	8.0	37
8	A photo- and electrochemically-active porphyrin-fullerene dyad electropolymer. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 890-900.	2.9	34
9	Direct Interfacial Electron Transfer from High-Potential Porphyrins into Semiconductor Surfaces: A Comparison of Linkers and Anchoring Groups. <i>Journal of Physical Chemistry C</i> , 2018, 122, 13529-13539.	3.1	31
10	Organosilatrane building blocks. <i>Tetrahedron Letters</i> , 2014, 55, 1062-1064.	1.4	30
11	Molecular titanium-hydroxamate complexes as models for TiO ₂ surface binding. <i>Chemical Communications</i> , 2016, 52, 2972-2975.	4.1	30
12	Towards multielectron photocatalysis: a porphyrin array for lateral hole transfer and capture on a metal oxide surface. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 12728-12734.	2.8	29
13	Hole Mobility in Porphyrin- and Porphyrin-Fullerene Electropolymers. <i>Journal of Physical Chemistry B</i> , 2013, 117, 426-432.	2.6	19
14	Selective oxidative synthesis of <i>meso</i> - <i>beta</i> fused porphyrin dimers. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013, 17, 247-251.	0.8	15
15	Synthesis and spectroscopic properties of a soluble semiconducting porphyrin polymer. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 17569.	2.8	14
16	Preparation of Halogenated Fluorescent Diaminophenazine Building Blocks. <i>Journal of Organic Chemistry</i> , 2015, 80, 9881-9888.	3.2	14
17	Solvent Dependence of Lateral Charge Transfer in a Porphyrin Monolayer. <i>ACS Energy Letters</i> , 2017, 2, 168-173.	17.4	12
18	Surface-Induced Deprotection of THP-Protected Hydroxamic Acids on Titanium Dioxide. <i>Journal of Physical Chemistry C</i> , 2016, 120, 12495-12502.	3.1	11