

David W Shaffer

List of Publications by Year in descending order

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1240
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#	ARTICLE	IF	CITATIONS
1	High-Redox-Potential Chromophores for Visible-Light-Driven Water Oxidation at Low pH. ACS Catalysis, 2020, 10, 580-585.	5.5	11
2	Single molecule magnet behaviour in a square planar S = 1/2 Co(ii) complex and spin-state assignment of multiple relaxation modes. Chemical Communications, 2020, 56, 6711-6714.	2.2	14
3	Improved Stability and Performance of Visible Photoelectrochemical Water Splitting on Solution-Processed Organic Semiconductor Thin Films by Ultrathin Metal Oxide Passivation. Chemistry of Materials, 2018, 30, 324-335.	3.2	29
4	Oâ€“O Radical Coupling: From Detailed Mechanistic Understanding to Enhanced Water Oxidation Catalysis. Inorganic Chemistry, 2018, 57, 10533-10542.	1.9	59
5	Light-Driven Water Splitting by a Covalently Linked Ruthenium-Based Chromophoreâ€“Catalyst Assembly. ACS Energy Letters, 2017, 2, 124-128.	8.8	75
6	Oâ€“O bond formation in ruthenium-catalyzed water oxidation: single-site nucleophilic attack vs. Oâ€“O radical coupling. Chemical Society Reviews, 2017, 46, 6170-6193.	18.7	202
7	Lability and Basicity of Bipyridine-Carboxylate-Phosphonate Ligand Accelerate Single-Site Water Oxidation by Ruthenium-Based Molecular Catalysts. Journal of the American Chemical Society, 2017, 139, 15347-15355.	6.6	76
8	Water Oxidation by Ruthenium Complexes Incorporating Multifunctional Bipyridyl Diphosphonate Ligands. Angewandte Chemie - International Edition, 2016, 55, 8067-8071.	7.2	67
9	Water Oxidation by Ruthenium Complexes Incorporating Multifunctional Bipyridyl Diphosphonate Ligands. Angewandte Chemie, 2016, 128, 8199-8203.	1.6	22
10	Spin-state diversity in a series of Co(ⁱⁱ) PNP pincer bromide complexes. Dalton Transactions, 2016, 45, 17910-17917.	1.6	32
11	Manipulating the Rate-Limiting Step in Water Oxidation Catalysis by Ruthenium Bipyridineâ€“Dicarboxylate Complexes. Inorganic Chemistry, 2016, 55, 12024-12035.	1.9	55
12	Reactivity of a Series of Isostructural Cobalt Pincer Complexes with CO ₂ , CO, and H ₂ . Inorganic Chemistry, 2014, 53, 13031-13041.	1.9	41
13	Synthesis and Characterization of a Redox-Active Bis(thiophenolato)amide Ligand, [SNS] ³⁻ , and the Homoleptic Tungsten Complexes, W[SNS] ₂ and W[ONO] ₂ . Inorganic Chemistry, 2013, 52, 2110-2118.	1.9	44
14	Ligand Effects on the Oxidative Addition of Halogens to (dpp-nacnac) ^R Rh(phdi). Inorganic Chemistry, 2012, 51, 12122-12131.	1.9	40
15	Coordination Effects on Electron Distributions for Rhodium Complexes of the Redox-Active Bis(3,5-di-tert-butyl-2-phenolate)amide Ligand. Inorganic Chemistry, 2012, 51, 12606-12618.	1.9	30
16	Redox Behavior of Rhodium 9,10-Phenanthrenediimine Complexes. Inorganic Chemistry, 2011, 50, 13-21.	1.9	36