

# Greg A N Felton

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7550895/publications.pdf>

Version: 2024-02-01

28  
papers

2,297  
citations

471371

17  
h-index

477173

29  
g-index

34  
all docs

34  
docs citations

34  
times ranked

2217  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Bioinspired Mn <sub>4</sub> O <sub>4</sub> ˆ~Cubane Water Oxidation Catalysts: Lessons from Photosynthesis. <i>Accounts of Chemical Research</i> , 2009, 42, 1935-1943.	7.6	510
2	Iron-Only Hydrogenase Mimics. Thermodynamic Aspects of the Use of Electrochemistry to Evaluate Catalytic Efficiency for Hydrogen Generation. <i>Inorganic Chemistry</i> , 2006, 45, 9181-9184.	1.9	425
3	Review of electrochemical studies of complexes containing the Fe <sub>2</sub> S <sub>2</sub> core characteristic of [FeFe]-hydrogenases including catalysis by these complexes of the reduction of acids to form dihydrogen. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 2681-2699.	0.8	377
4	Hydrogen Generation from Weak Acids: Electrochemical and Computational Studies of a Diiron Hydrogenase Mimic. <i>Journal of the American Chemical Society</i> , 2007, 129, 12521-12530.	6.6	334
5	One- to Two-Electron Reduction of an [FeFe]-Hydrogenase Active Site Mimic: The Critical Role of Fluxionality of the [2Fe2S] Core. <i>Journal of the American Chemical Society</i> , 2009, 131, 11290-11291.	6.6	78
6	Chemically Induced Anion Radical Cycloadditions: Intramolecular Cyclobutanation of Bis(enones) via Homogeneous Electron Transfer. <i>Journal of the American Chemical Society</i> , 2004, 126, 1634-1635.	6.6	76
7	Preparation and Characterization of Homologous Diiron Dithiolato, Diselenato, and Ditellurato Complexes: [FeFe]-Hydrogenase Models. <i>Organometallics</i> , 2009, 28, 6666-6675.	1.1	76
8	Hydrogen Generation from Weak Acids: Electrochemical and Computational Studies in the [(1-5-C5H5)Fe(CO) <sub>2</sub> ] <sub>2</sub> System. <i>Organometallics</i> , 2008, 27, 4671-4679.	1.1	60
9	Bathochromic Shifts in Rhenium Carbonyl Dyes Induced through Destabilization of Occupied Orbitals. <i>Inorganic Chemistry</i> , 2018, 57, 5389-5399.	1.9	42
10	Intramolecular Electron Transfer in Bipyridinium Disulfides. <i>Journal of the American Chemical Society</i> , 2014, 136, 4012-4018.	6.6	40
11	Cyclic Voltammetric Studies of Chlorine-Substituted Diiron Benzenedithiolato Hexacarbonyl Electrocatalysts Inspired by the [FeFe]-Hydrogenase Active Site. <i>Organometallics</i> , 2012, 31, 8067-8070.	1.1	37
12	Synthesis and Characterization of [FeFe]-Hydrogenase Models with Bridging Moieties Containing (S, <i>η</i> )-Tj ETQqO 0,0,rgBT /Overlock 10	1.0	29
13	Correlations between photophysical and electrochemical properties for a series of new Mn carbonyl complexes containing substituted phenanthroline ligands. <i>Inorganica Chimica Acta</i> , 2015, 427, 22-26.	1.2	27
14	Contrasting Behavior in the Reduction of 1,2-Acenaphthylenedione and 1,2-Aceanthrylenedione. Two Types of Reversible Dimerization of Anion Radicals. <i>Journal of Physical Chemistry C</i> , 2009, 113, 338-345.	1.5	26
15	Structural effects upon the durability of hydrogenase-inspired hydrogen-producing electrocatalysts: Variations in the (1/4-edt)[Fe <sub>2</sub> (CO) <sub>6</sub> ] system. <i>Journal of Organometallic Chemistry</i> , 2013, 726, 9-13.	0.8	22
16	Efficient electrocatalytic intramolecular anion radical cyclobutanation reactions. <i>Tetrahedron</i> , 2004, 60, 10999-11010.	1.0	21
17	Electrochemical analysis of cyclopentadienylmetal carbonyl dimer complexes: Insight into the design of hydrogen-producing electrocatalysts. <i>Journal of Organometallic Chemistry</i> , 2012, 711, 25-34.	0.8	19
18	Electrocatalytic reactions: anion radical cyclobutanation reactions and electrogenerated base reactions. <i>Tetrahedron Letters</i> , 2008, 49, 884-887.	0.7	16

#	ARTICLE	IF	CITATIONS
19	{1,1-((Dimethylsilylene)bis[methanochalcogenolato])}diiron Complexes [2Fe2E(Si)] (E=S, Se, Te) – [FeFe] Hydrogenase Models. Helvetica Chimica Acta, 2012, 95, 2168-2175.	1.0	15
20	Dramatic effects of the electrolyte cation on the selectivity of electroreductive cycloaddition reactions of bis(enones). Tetrahedron Letters, 2004, 45, 8465-8469.	0.7	13
21	Highly efficient, catalytic bis addition reactions of allyl phenyl sulfone to vinyl sulfones. Tetrahedron Letters, 2004, 45, 4841-4845.	0.7	12
22	Non-photochemical synthesis of Re(diimine)(CO)2(L)Cl (L = phosphine or phosphite) compounds. Inorganic Chemistry Communication, 2015, 59, 80-83.	1.8	10
23	Inter-ligand intramolecular through-space anisotropic shielding in a series of manganese carbonyl phosphorous compounds. Dalton Transactions, 2019, 48, 14926-14935.	1.6	6
24	Pnictogen ligand coordination to an iron-sulfur compound. Inorganica Chimica Acta, 2019, 487, 387-394.	1.2	6
25	Efficient electrocatalytic addition reactions of allyl phenyl sulfone to electron deficient alkenes. Tetrahedron, 2005, 61, 3515-3523.	1.0	5
26	Spectroscopic and electrochemical comparison of [FeFe]-hydrogenase active-site inspired compounds: Diiron monobenzenethiolate compounds containing electron-donating and withdrawing groups. Polyhedron, 2021, 197, 115043.	1.0	3
27	Highly efficient, catalytic bis addition reactions of allyl phenyl sulfone to vinyl sulfones*1. Tetrahedron Letters, 2004, 45, 4841-4841.	0.7	0
28	Comment on –Novel Re(I)tricarbonyl coordination compound of 5-amino-1,10-phenanthroline –“ Synthesis, structural, photophysical and computational studies”. Journal of Luminescence, 2017, 184, 304.	1.5	0