Theresa M Mccormick

List of Publications by Year
in descending order

54	4,747	159585 30	161849 54
papers	citations	h-index	g-index

54	54	54	6087
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Empirical DFT Model to Predict Triplet Quantum Yield Through Singlet Oxygen Yields. ChemPhotoChem, 2022, 6, .	3.0	2
2	Computational investigation into intramolecular hydrogen bonding controlling the isomer formation and pK_a of octahedral nickel(<scp>ii</scp>) proton reduction catalysts. Dalton Transactions, 2022, 51, 3676-3685.	3.3	4
3	Parameterization of Arynophiles: Experimental Investigations towards a Quantitative Understanding of Aryne Trapping Reactions. Synthesis, 2022, 54, 4989-4996.	2.3	3
4	Orbital analysis of bonding in diarylhalonium salts and relevance to periodic trends in structure and reactivity. Chemical Science, 2022, 13, 6532-6540.	7.4	14
5	Enrolling reactive oxygen species in photon-to-chemical energy conversion: fundamentals, technological advances, and applications. Advances in Physics: X, 2021, 6, .	4.1	2
6	Increased binding of thiophene-based ligands to mercury(<scp>ii</scp>) with water solubilizing functional groups. Molecular Systems Design and Engineering, 2020, 5, 1024-1036.	3.4	4
7	The multifunctional dopamine D2/D3 receptor agonists also possess inhibitory activity against the full-length tau441 protein aggregation. Bioorganic and Medicinal Chemistry, 2020, 28, 115667.	3.0	4
8	Analysis of the Relaxometric Properties of Extremely Rapidly Exchanging Gd³⁺ Chelates: Lessons from a Comparison of Four Isomeric Chelates. Inorganic Chemistry, 2020, 59, 9037-9046.	4.0	7
9	Importance of Singlet Oxygen in Photocatalytic Reactions of 2-Aryl-1,2,3,4-tetrahydroisoquinolines Using Chalcogenorosamine Photocatalysts. Organometallics, 2019, 38, 2431-2442.	2.3	23
10	Singlet oxygen quantum yields determined by oxygen consumption. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 378, 131-135.	3.9	74
11	Tellurorhodamine photocatalyzed aerobic oxidation of organo-silanes and phosphines by visible-light. Dalton Transactions, 2019, 48, 5665-5673.	3.3	16
12	Photocatalytic Aerobic Thiol Oxidation with a Self-Sensitized Tellurorhodamine Chromophore. Organometallics, 2017, 36, 2588-2596.	2.3	30
13	Novel application of simple molybdates: Catalytic hydrolysis of an organophosphate neurotoxin under mild aqueous conditions. Inorganica Chimica Acta, 2017, 466, 1-7.	2.4	4
14	Longer-Wavelength-Absorbing, Extended Chalcogenorhodamine Dyes. Organometallics, 2016, 35, 1944-1955.	2.3	18
15	Selective Electrochemical versus Chemical Oxidation of Bulky Phenol. Journal of Physical Chemistry B, 2016, 120, 8914-8924.	2.6	13
16	Thiophene-based fluorescent mercury-sensors. Journal of Coordination Chemistry, 2016, 69, 2081-2089.	2.2	14
17	Efficient Bimolecular Mechanism of Photochemical Hydrogen Production Using Halogenated Boron-Dipyrromethene (Bodipy) Dyes and a Bis(dimethylglyoxime) Cobalt(III) Complex. Journal of Physical Chemistry B, 2016, 120, 527-534.	2.6	49
18	A doubly deprotonated diimine dioximate metalloligand as a synthon for multimetallic complex assembly. Dalton Transactions, 2016, 45, 10068-10075.	3.3	6

#	Article	IF	Citations
19	Unusual loss of electron mobility upon furan for thiophene substitution in a molecular semiconductor. Organic Electronics, 2015, 18, 118-125.	2.6	21
20	Phthalimide-based Ï€-conjugated small molecules with tailored electronic energy levels for use as acceptors in organic solar cells. Journal of Materials Chemistry C, 2015, 3, 8904-8915.	5.5	64
21	DFT analysis into the intermediates of nickel pyridinethiolate catalysed proton reduction. Dalton Transactions, 2015, 44, 14333-14340.	3.3	23
22	Evidence for the Rapid Conversion of Primary Photoexcitations to Triplet States in Seleno- and Telluro- Analogues of Poly(3-hexylthiophene). Journal of Physical Chemistry B, 2014, 118, 2589-2597.	2.6	46
23	Donorâ€“Acceptor Polymers for Electrochemical Supercapacitors: Synthesis, Testing, and Theory. Journal of Physical Chemistry C, 2014, 118, 8295-8307.	3.1	65
24	Effect of Group-14 and Group-16 Substitution on the Photophysics of Structurally Related Donorâ€“Acceptor Polymers. Journal of Physical Chemistry C, 2013, 117, 16606-16615.	3.1	30
25	Designing and Refining Ni(II)diimine Catalysts Toward the Controlled Synthesis of Electron-Deficient Conjugated Polymers. Journal of the American Chemical Society, 2013, 135, 13212-13219.	13.7	94
26	Reversible oxidation of a water-soluble tellurophene. Chemical Communications, 2013, 49, 11182.	4.1	24
27	Thermal and Photoreductive Elimination from the Tellurium Center of Ï€-Conjugated Tellurophenes. Inorganic Chemistry, 2013, 52, 13779-13790.	4.0	62
28	Robust visible light photoswitching with ortho-thiol substituted azobenzenes. Chemical Communications, 2013, 49, 10314.	4.1	137
29	Photoswitching Azo Compounds in Vivo with Red Light. Journal of the American Chemical Society, 2013, 135, 9777-9784.	13.7	413
30	Conjugated Polymers: Evaluating DFT Methods for More Accurate Orbital Energy Modeling. Macromolecules, 2013, 46, 3879-3886.	4.8	178
31	Poly(3-alkyltellurophene)s Are Solution-Processable Polyheterocycles. Journal of the American Chemical Society, 2013, 135, 951-954.	13.7	120
32	An Apparent Size-Exclusion Quantification Limit Reveals a Molecular Weight Limit in the Synthesis of Externally Initiated Polythiophenes. ACS Macro Letters, 2012, 1, 1266-1269.	4.8	70
33	Atomistic Band Gap Engineering in Donorâ€“Acceptor Polymers. Journal of the American Chemical Society, 2012, 134, 539-547.	13.7	293
34	Pt^{II} and Pd^{II} Complexes with a transâ€Chelating Bis(pyridyl) Ligand. European Journal of Inorganic Chemistry, 2012, 2012, 4463-4469.	2.0	10
35	Tellurophenes with Delocalized Ï€-Systems and Their Extended Valence Adducts. Journal of the American Chemical Society, 2012, 134, 3542-3548.	13.7	79
36	Ruâ€“Pt and Ruâ€“Pd heterobimetallic complexes based on a new ligand with two distinct chelate sites. Dalton Transactions, 2012, 41, 5553.	3.3	8

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37	Synthesis and Characterization of Neutral Luminescent Diphosphine Pyrrole- and Indole-Aldimine Copper(I) Complexes. Inorganic Chemistry, 2011, 50, 7172-7188.	4.0	98
38	Sensitizing the Sensitizer: The Synthesis and Photophysical Study of Bodipyâˆ'Pt(II)(diimine)(dithiolate) Conjugates. Journal of the American Chemical Society, 2011, 133, 350-364.	13.7	127
39	Impact of Ligand Exchange in Hydrogen Production from Cobaloxime-Containing Photocatalytic Systems. Inorganic Chemistry, 2011, 50, 10660-10666.	4.0	153
40	A stable molecular nickel catalyst for the homogeneous photogeneration of hydrogen in aqueous solution. Chemical Communications, 2011, 47, 7989.	4.1	151
41	Intersystem Crossing in Halogenated Bodipy Chromophores Used for Solar Hydrogen Production. Journal of Physical Chemistry Letters, 2011, 2, 223-227.	4.6	140
42	Reductive Side of Water Splitting in Artificial Photosynthesis: New Homogeneous Photosystems of Great Activity and Mechanistic Insight. Journal of the American Chemical Society, 2010, 132, 15480-15483.	13.7	302
43	Making Hydrogen from Water Using a Homogeneous System Without Noble Metals. Journal of the American Chemical Society, 2009, 131, 9192-9194.	13.7	583
44	Racemic Atropisomeric N,N-Chelate Ligands for Recognizing Chiral Carboxylates via Zn(II) Coordination: Structure, Fluorescence, and Circular Dichroism. Inorganic Chemistry, 2008, 47, 10017-10024.	4.0	20
45	Impact of the Linker on the Electronic and Luminescent Properties of Diboryl Compounds: Molecules with Two BMes₂ Groups and the Peculiar Behavior of 1,6-(BMes₂)₂pyrene. Organometallics, 2008, 27, 6446-6456.	2.3	65
46	Reversible Intramolecular Câˆ'C Bond Formation/Breaking and Color Switching Mediated by a N,C-Chelate in (2-ph-py)BMes₂ and (5-BMes₂-2-ph-py)BMes₂. Journal of the American Chemical Society, 2008, 130, 12898-12900.	13.7	198
47	Luminescent Atropisomeric N,N-Chelating Ligands from Copper-Catalyzed One-Pot Câˆ'N and Câˆ'C Coupling Reactions. Organic Letters, 2007, 9, 4087-4090.	4.6	20
48	Ambient-Temperature Metal-to-Ligand Charge-Transfer Phosphorescence Facilitated by Triarylboron:â€‰ Bnpa and Its Metal Complexes. Inorganic Chemistry, 2007, 46, 10965-10967.	4.0	112
49	Interaction of 2-(2â€²-pyridyl)benzimidazolyl derivative ligands with group 12 metal ions: coordination, structures and luminescence. Dalton Transactions, 2006, , 5675-5682.	3.3	44
50	Phosphorescent Cu(I) Complexes of 2-(2â€˜-pyridylbenzimidazolyl)benzene:â€‰ Impact of Phosphine Ancillary Ligands on Electronic and Photophysical Properties of the Cu(I) Complexes. Inorganic Chemistry, 2006, 45, 147-155.	4.0	212
51	New Phosphorescent Polynuclear Cu(I) Compounds Based on Linear and Star-Shaped 2-(2â€˜-Pyridyl)benzimidazolyl Derivatives:â€‰ Syntheses, Structures, Luminescence, and Electroluminescence. Inorganic Chemistry, 2005, 44, 5706-5712.	4.0	140
52	Three-Coordinate Organoboron Compounds BAr2R (Ar= Mesityl, R= 7-Azaindolyl- or) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (2,2â€ Supramolecular Assembly. Chemistry - A European Journal, 2004, 10, 994-1006.	3.3	191
53	Phase-Shift Fiber-Loop Ring-Down Spectroscopy. Analytical Chemistry, 2004, 76, 6594-6599.	6.5	72
54	Diarylamino functionalized pyrene derivatives for use in blue OLEDs and complex formation. Journal of Materials Chemistry, 2004, 14, 3344.	6.7	95