

Emily Y Tsui

List of Publications by Year in descending order

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2,651
citations

361413

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docs citations

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times ranked

3249
citing authors

#	ARTICLE	IF	CITATIONS
1	A Synthetic Model of the Mn ₃ Ca Subsite of the Oxygen-Evolving Complex in Photosystem II. <i>Science</i> , 2011, 333, 733-736.	12.6	516
2	Redox-inactive metals modulate the reduction potential in heterometallic manganese-oxido clusters. <i>Nature Chemistry</i> , 2013, 5, 293-299.	13.6	289
3	Catalytic Diboration of Aldehydes via Insertion into the Copper-Boron Bond. <i>Journal of the American Chemical Society</i> , 2006, 128, 11036-11037.	13.7	273
4	Copper(I) η^2 -Boroalkyls from Alkene Insertion: Isolation and Rearrangement. <i>Organometallics</i> , 2006, 25, 2405-2408.	2.3	227
5	Reactions of a Stable Monomeric Gold(I) Hydride Complex. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8937-8940.	13.8	191
6	Reduction potentials of heterometallic manganese-oxido cubane complexes modulated by redox-inactive metals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10084-10088.	7.1	179
7	Synthetic Cluster Models of Biological and Heterogeneous Manganese Catalysts for O ₂ Evolution. <i>Inorganic Chemistry</i> , 2013, 52, 13833-13848.	4.0	134
8	Cobalt Porphyrin Functionalized Carbon Nanotubes for Oxygen Reduction. <i>Chemistry of Materials</i> , 2009, 21, 3234-3241.	6.7	126
9	Oxygen Atom Transfer and Oxidative Water Incorporation in Cuboidal Mn ₃ MO _n Complexes Based on Synthetic, Isotopic Labeling, and Computational Studies. <i>Journal of the American Chemical Society</i> , 2013, 135, 1073-1082.	13.7	95
10	Modular Functionalization of Carbon Nanotubes and Fullerenes. <i>Journal of the American Chemical Society</i> , 2009, 131, 8446-8454.	13.7	78
11	Trinucleating Copper: Synthesis and Magnetostructural Characterization of Complexes Supported by a Hexapyridyl 1,3,5-triarylbenzene Ligand. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 1668-1672.	13.8	70
12	Trinuclear first row transition metal complexes of a hexapyridyl, trialkoxy 1,3,5-triarylbenzene ligand. <i>Chemical Communications</i> , 2011, 47, 4189.	4.1	52
13	Redox Potentials of Colloidal n-Type ZnO Nanocrystals: Effects of Confinement, Electron Density, and Fermi-Level Pinning by Aldehyde Hydrogenation. <i>Journal of the American Chemical Society</i> , 2015, 137, 11163-11169.	13.7	47
14	Selenium Redox Reactivity on Colloidal CdSe Quantum Dot Surfaces. <i>Journal of the American Chemical Society</i> , 2016, 138, 11105-11108.	13.7	45
15	Ca K-Edge XAS as a Probe of Calcium Centers in Complex Systems. <i>Inorganic Chemistry</i> , 2015, 54, 1283-1292.	4.0	39
16	Spectroelectrochemical Measurement of Surface Electrostatic Contributions to Colloidal CdSe Nanocrystal Redox Potentials. <i>Chemistry of Materials</i> , 2016, 28, 7912-7918.	6.7	38
17	Soft x-ray absorption spectroscopy of metalloproteins and high-valent metal-complexes at room temperature using free-electron lasers. <i>Structural Dynamics</i> , 2017, 4, 054307.	2.3	34
18	Potentiometric Measurements of Semiconductor Nanocrystal Redox Potentials. <i>Journal of the American Chemical Society</i> , 2016, 138, 4310-4313.	13.7	29

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19	Extremely Slow Spontaneous Electron Trapping in Photodoped n-Type CdSe Nanocrystals. <i>Chemistry of Materials</i> , 2017, 29, 3754-3762.	6.7	27
20	Carbon dioxide cleavage by a Ni ²⁺ complex supported by a binucleating bis(N-heterocyclic carbene) framework. <i>Polyhedron</i> , 2014, 84, 103-110.	2.2	25
21	Effects of Lewis Acidic Metal Ions (M) on Oxygen-Atom Transfer Reactivity of Heterometallic Mn ₃ MO ₄ Cubane and Fe ₃ MO(OH) and Mn ₃ MO(OH) Clusters. <i>Inorganic Chemistry</i> , 2019, 58, 2336-2345.	4.0	21
22	A CaMn ₄ O ₂ model of the biological oxygen evolving complex: synthesis via cluster expansion on a low symmetry ligand. <i>Chemical Communications</i> , 2017, 53, 6832-6835.	4.1	20
23	Effect of the Mn Oxidation State on Single-Molecule-Magnet Properties: Mn ^{III} vs Mn ^{IV} in Biologically Inspired DyMn ₃ O ₄ Cubanes. <i>Inorganic Chemistry</i> , 2016, 55, 6095-6099.	4.0	19
24	Electron Stability and Negative-Tetron Luminescence in Free-Standing Colloidal n-Type CdSe/CdS Quantum Dots. <i>ACS Nano</i> , 2017, 11, 10430-10438.	14.6	18
25	Reactivity of Zinc Thiolate Bonds: Oxidative Organopolysulfide Formation and S ₃ Insertion. <i>Inorganic Chemistry</i> , 2019, 58, 10501-10507.	4.0	16
26	Accelerated reduction and solubilization of elemental sulfur by 1,2-aminothiols. <i>Chemical Communications</i> , 2021, 57, 12488-12491.	4.1	9
27	Photoinduced Surface Charging in Iron-Carbonyl-Functionalized Colloidal Semiconductor Nanocrystals. <i>Nano Letters</i> , 2019, 19, 7770-7774.	9.1	7
28	Sulfur transfer reactions of a zinc tetrasulfanido complex. <i>Dalton Transactions</i> , 2020, 49, 16305-16311.	3.3	4
29	Metal-Carbonyl-Functionalized CdSe Nanocrystals: Synthesis, Surface Redox, and Infrared Intensities. <i>Inorganic Chemistry</i> , 2021, 60, 4269-4277.	4.0	4
30	Z-Type Ligand Coordination at Colloidal Semiconductor Nanocrystals Modifies Surface Electrostatics. <i>Chemistry of Materials</i> , 2022, 34, 3976-3984.	6.7	3
31	Cluster self-assembly and anion binding by metal complexes of non-innocent thiazolidinyl ⁺ thiolate ligands. <i>Dalton Transactions</i> , 2022, 51, 9611-9615.	3.3	1