Zhen Fang

List of Publications by Year
in descending order

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33 papers	1,693 citations	279798 23 h-index	361022 35 g-index
38 all docs	38 docs citations	38 times ranked	2290 citing authors

#	Article	IF	Citations
1	Analysis of Homogeneous Water Oxidation Catalysis with Collectorâ€“Generator Cells. Inorganic Chemistry, 2016, 55, 512-517.	4.0	16
2	High Surface Area Antimony-Doped Tin Oxide Electrodes Templated by Graft Copolymerization. Applications in Electrochemical and Photoelectrochemical Catalysis. ACS Applied Materials & Interfaces, 2015, 7, 25121-25128.	8.0	22
3	Electron Transfer Mediator Effects in the Oxidative Activation of a Ruthenium Dicarboxylate Water Oxidation Catalyst. ACS Catalysis, 2015, 5, 4404-4409.	11.2	59
4	Polypyridyl Ru(<scp>ii</scp>)-derivatized polypropylacrylate polymer with a terminal water oxidation catalyst. Application of reversible additionâ€“fragmentation chain transfer polymerization. Dalton Transactions, 2015, 44, 8640-8648.	3.3	14
5	Electron Transfer Mediator Effects in Water Oxidation Catalysis by Solution and Surface-Bound Ruthenium Bpy-Dicarboxylate Complexes. Journal of Physical Chemistry C, 2015, 119, 25420-25428.	3.1	33
6	Ru(bpy)₃²⁺ derivatized polystyrenes constructed by nitroxide-mediated radical polymerization. Relationship between polymer chain length, structure and photophysical properties. Polymer Chemistry, 2015, 6, 8184-8193.	3.9	23
7	Conjugated polymer with rigid donor poly(para-divinylphenylamino) backbone and pendant cyanoacetic acid acceptor for dye sensitized solar cells. Journal of Polymer Science Part A, 2014, 52, 2958-2965.	2.3	3
8	Light Harvesting and Charge Separation in a Ï€-Conjugated Antenna Polymer Bound to TiO₂. Journal of Physical Chemistry C, 2014, 118, 28535-28541.	3.1	31
9	Photophysical Characterization of a Chromophore/Water Oxidation Catalyst Containing a Layer-by-Layer Assembly on Nanocrystalline TiO₂ Using Ultrafast Spectroscopy. Journal of Physical Chemistry A, 2014, 118, 10301-10308.	2.5	45
10	Long-range photoinduced electron transfer dynamics in rigid media. Physical Chemistry Chemical Physics, 2014, 16, 4880.	2.8	11
11	Controlled Electropolymerization of Ruthenium(II) Vinylbipyridyl Complexes in Mesoporous Nanoparticle Films of TiO₂. Angewandte Chemie - International Edition, 2014, 53, 4872-4876.	13.8	29
12	Synthesis and Electrocatalytic Water Oxidation by Electrode-Bound Helical Peptide Chromophoreâ€“Catalyst Assemblies. Inorganic Chemistry, 2014, 53, 8120-8128.	4.0	35
13	Multiple Pathways in the Oxidation of a NADH Analogue. Inorganic Chemistry, 2014, 53, 4100-4105.	4.0	10
14	Soluble Reduced Graphene Oxide Sheets Grafted with Polypyridylruthenium-Derivatized Polystyrene Brushes as Light Harvesting Antenna for Photovoltaic Applications. ACS Nano, 2013, 7, 7992-8002.	14.6	36
15	Synthesis of Phosphonic Acid Derivatized Bipyridine Ligands and Their Ruthenium Complexes. Inorganic Chemistry, 2013, 52, 12492-12501.	4.0	114
16	Atom Transfer Radical Polymerization Preparation and Photophysical Properties of Polypyridylruthenium Derivatized Polystyrenes. Inorganic Chemistry, 2013, 52, 8511-8520.	4.0	21
17	Tuning two-photon absorption cross-sections for triphenylamine derivatives. RSC Advances, 2013, 3, 17914.	3.6	18
18	Redox Mediator Effect on Water Oxidation in a Ruthenium-Based Chromophoreâ€“Catalyst Assembly. Journal of the American Chemical Society, 2013, 135, 2080-2083.	13.7	70

#	Article	IF	Citations
19	Excited-State Dynamics in Rigid Media: Evidence for Long-Range Energy Transfer. Journal of Physical Chemistry B, 2013, 117, 3428-3438.	2.6	30
20	Lowâ€Overpotential Water Oxidation by a Surfaceâ€Bound Rutheniumâ€Chromophoreâ€“Rutheniumâ€Catalyst Assembly. Angewandte Chemie - International Edition, 2013, 52, 13580-13583.	13.8	72
21	Photoinduced Electron Transfer in a Chromophoreâ€“Catalyst Assembly Anchored to TiO₂. Journal of the American Chemical Society, 2012, 134, 19189-19198.	13.7	116
22	Sensitization of ultra-long-range excited-state electron transfer by energy transfer in a polymerized film. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15132-15135.	7.1	16
23	Triphenylamine derivatized phenylacetylene macrocycle with large two-photon absorption cross-section. Tetrahedron Letters, 2012, 53, 4885-4888.	1.4	13
24	Bridged-triarylamine starburst oligomers as hole transporting materials for electroluminescent devices. Journal of Materials Chemistry, 2012, 22, 15397.	6.7	67
25	An Amide-Linked Chromophoreâ€“Catalyst Assembly for Water Oxidation. Inorganic Chemistry, 2012, 51, 6428-6430.	4.0	60
26	Low-Bandgap Donorâ˜Acceptor Conjugated Polymer Sensitizers for Dye-Sensitized Solar Cells. Journal of the American Chemical Society, 2011, 133, 3063-3069.	13.7	105
27	Naked-Eye Detection and Quantification of Heparin in Serum with a Cationic Polythiophene. Analytical Chemistry, 2010, 82, 1326-1333.	6.5	133
28	A Triphenylamineâ€Based Conjugated Polymer with Donorâ€Ïâ€Acceptor Architecture as Organic Sensitizer for Dyeâ€Sensitized Solar Cells. Macromolecular Rapid Communications, 2009, 30, 1533-1537.	3.9	60
29	Bridged Triphenylamine-Based Dendrimers: Tuning Enhanced Two-Photon Absorption Performance with Locked Molecular Planarity. Organic Letters, 2009, 11, 1-4.	4.6	111
30	Bridged triphenylamine based molecules with large two-photon absorption cross sections in organic and aqueous media. Chemical Communications, 2009, , 920.	4.1	59
31	Effect of Charge Density on Energyâ€Transfer Properties of Cationic Conjugated Polymers. Advanced Functional Materials, 2008, 18, 1321-1328.	14.9	79
32	A cationic porphyrin-based self-assembled film for mercury ion detection. Tetrahedron Letters, 2008, 49, 2311-2315.	1.4	38
33	Asymmetric Fluorescence Quenching of Dual-Emissive Porphyrin-Containing Conjugated Polyelectrolytes for Naked-Eye Mercury Ion Detection. Macromolecules, 2008, 41, 8380-8387.	4.8	82