

Xingzhong Yan

List of Publications by Year in descending order

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37
papers

991
citations

567144

15
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580701

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37
all docs

37
docs citations

37
times ranked

1749
citing authors

#	ARTICLE	IF	CITATIONS
1	Sonochemical Synthesis of Functionalized Amorphous Iron Oxide Nanoparticles. <i>Langmuir</i> , 2001, 17, 5093-5097.	1.6	206
2	Strongly Interacting Organic Conjugated Dendrimers with Enhanced Two-Photon Absorption. <i>Journal of Physical Chemistry C</i> , 2007, 111, 149-162.	1.5	139
3	Magnetic Enhancement of Fe^{3+} - Fe_2O_3 Nanoparticles by Sonochemical Coating. <i>Chemistry of Materials</i> , 2002, 14, 1778-1787.	3.2	104
4	Femtosecond Time-Resolved Fluorescence Study of P3HT/PCBM Blend Films. <i>Journal of Physical Chemistry C</i> , 2010, 114, 14590-14600.	1.5	103
5	High Frequency Dielectric Response in a Branched Phthalocyanine. <i>Journal of the American Chemical Society</i> , 2006, 128, 14820-14821.	6.6	77
6	Mixed (porphyrinato)(phthalocyaninato) rare-earth(III) double-decker complexes for broadband light harvesting organic solar cells. <i>Journal of Materials Chemistry</i> , 2011, 21, 11131.	6.7	46
7	Up-Converted Emission in a Series of Phenylazomethine Dendrimers with a Porphyrin Core. <i>Journal of Physical Chemistry B</i> , 2005, 109, 9321-9329.	1.2	44
8	Sonochemical Preparation of Silane-Coated Titania Particles. <i>Langmuir</i> , 2001, 17, 1726-1730.	1.6	38
9	Non-aggregated hyperbranched phthalocyanines: single molecular nanostructures for efficient semi-opaque photovoltaics. <i>RSC Advances</i> , 2013, 3, 545-558.	1.7	38
10	Organic photovoltaic cells made from sandwich-type rare earth phthalocyaninato double and triple deckers. <i>Applied Physics Letters</i> , 2008, 93, 073303.	1.5	28
11	Femtosecond Time-Resolved Fluorescence Study of TiO_2 -Coated ZnO Nanorods/P3HT Photovoltaic Films. <i>Journal of Physical Chemistry C</i> , 2012, 116, 25248-25256.	1.5	27
12	Excitation-Dependent Fluorescence of Triphenylamine-Substituted Tridentate Pyridyl Ruthenium Complexes. <i>Journal of Physical Chemistry A</i> , 2010, 114, 9090-9097.	1.1	23
13	Linkage Dependence of Intramolecular Fluorescence Quenching Process in Porphyrin-Appended Mixed (Phthalocyaninato)(Porphyrinato) Yttrium(III) Double-Decker Complexes. <i>Journal of Physical Chemistry B</i> , 2010, 114, 13143-13151.	1.2	21
14	Ultrafast Energy Migration in Chromophore Shell-Metal Nanoparticle Assemblies. <i>Journal of the American Chemical Society</i> , 2006, 128, 10988-10989.	6.6	19
15	Synthesis, Characterizations, and Morphological Studies of Polyoxometalate-Containing Rod-Coil Diblock Copolymers. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1799-1807.	1.0	18
16	Photovoltaic properties and femtosecond time-resolved fluorescence study of polyoxometalate-containing rod-coil diblock copolymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2014, 52, 122-133.	2.4	11
17	Electron Mobility in a Novel Hyperbranched Phthalocyanine Dendrimer. <i>Advanced Materials</i> , 2008, 20, 4167-4171.	11.1	10
18	Enhanced Singlet Oxygen Generation from a Porphyrin-Rhodamine B Dyad by Two-Photon Excitation through Resonance Energy Transfer. <i>Photochemistry and Photobiology</i> , 2013, 89, 841-848.	1.3	10

#	ARTICLE	IF	CITATIONS
19	Theoretical study of two-photon absorption properties and up-conversion efficiency of new symmetric organic π -conjugated molecules for photovoltaic devices. <i>Journal of Molecular Modeling</i> , 2012, 18, 3657-3667.	0.8	8
20	Holographic storage in carbazole-azo binary compound doped polymer. <i>Optics Communications</i> , 2003, 217, 69-74.	1.0	5
21	Enhanced photoluminescence and the self-assembled fibrillar nanostructure of 5-(cholesteryloxy)methyl-8-hydroxyquinoline lithium in a gel state. <i>New Journal of Chemistry</i> , 2010, 34, 325-330.	1.4	5
22	Holographic data storage using azobenzene polymer. , 2001, , .		2
23	Quantum mechanical modelling and calculation of two-photon absorption properties of new class π -shaped conjugated molecules. <i>Molecular Simulation</i> , 2011, 37, 431-439.	0.9	2
24	The structure and photovoltaic property relationship of porphyrins for high efficiency solar cells. <i>Conference Record of the IEEE Photovoltaic Specialists Conference</i> , 2008, , .	0.0	1
25	Design and fabrication of a new sol-gel based planar solar concentrator for cost effective photovoltaics. <i>Conference Record of the IEEE Photovoltaic Specialists Conference</i> , 2008, , .	0.0	1
26	Bulk p-i-n heterojunction solar cells made from hyperbranched phthalocyanine polymers. , 2010, , .		1
27	TiO ₂ coated ZnO nanorod to enhance efficiency of hybrid bulk heterojunction solar cells. , 2011, , .		1
28	Investigation of nonlinear optical properties of protonated mixed (porphyrinato)(phthalocyaninato) rare-earth(III) double-decker complexes by Z-scan technique. , 2011, , .		1
29	Linkage effects to nonlinear optical properties of porphyrin-appended mixed (porphyrinato)(phthalocyaninato) yttrium(III) double-decker complexes. <i>Proceedings of SPIE</i> , 2011, , .	0.8	1
30	Novel non-aggregated hyperbranched phthalocyanines for efficient dye-sensitized solar cells. , 2012, , .		1
31	Hybrid bulk heterojunction solar cells fabricated by TiO ₂ aerogel and porphyrins. <i>Conference Record of the IEEE Photovoltaic Specialists Conference</i> , 2008, , .	0.0	0
32	Theoretical study of two-photon absorption properties of organic π -conjugated materials for photovoltaic devices. <i>Conference Record of the IEEE Photovoltaic Specialists Conference</i> , 2008, , .	0.0	0
33	Organic photovoltaic cells made from phthalocyanine deckers. <i>Conference Record of the IEEE Photovoltaic Specialists Conference</i> , 2008, , .	0.0	0
34	Synthesis and Characterization of Highly Transparent Sol-Gel Glass for Photovoltaic Applications. <i>Materials Research Society Symposia Proceedings</i> , 2008, 1113, 1.	0.1	0
35	Theoretical investigation of two-photon absorption properties of naphthalimide derivatives. <i>Conference Record of the IEEE Photovoltaic Specialists Conference</i> , 2008, , .	0.0	0
36	Energy transfer processes in new conjugated polymer/6,6-phenyl-C ₆₁ -butyric acid methyl ester systems for photovoltaic applications. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
37	Ultrafast multi-phasic electron injection in efficient non-aggregated hyperbranched zinc phthalocyanine sensitized solar cells. , 2012, , .		0