

Tianjun Yu

List of Publications by Year in descending order

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papers

663
citations

471509

17
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552781

26
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32
all docs

32
docs citations

32
times ranked

1030
citing authors

#	ARTICLE	IF	CITATIONS
1	Exceptional Dendrimer-Based Mimics of Diiron Hydrogenase for the Photochemical Production of Hydrogen. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5631-5635.	13.8	93
2	Advances in Photofunctional Dendrimers for Solar Energy Conversion. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 2340-2350.	4.6	56
3	Ultrasensitive reversible chromophore reaction of BODIPY functions as high ratio double turn on probe. <i>Nature Communications</i> , 2018, 9, 362.	12.8	48
4	Molecular-Supramolecular Light Harvesting for Photochemical Energy Conversion: Making Every Photon Count. <i>ACS Energy Letters</i> , 2017, 2, 357-363.	17.4	47
5	Triplet-Triplet Annihilation Upconversion for Photocatalytic Hydrogen Evolution. <i>Chemistry - A European Journal</i> , 2019, 25, 16270-16276.	3.3	36
6	Dendrimer-Encapsulated Pt Nanoparticles: An Artificial Enzyme for Hydrogen Production. <i>Journal of Physical Chemistry C</i> , 2012, 116, 10516-10521.	3.1	30
7	Light-Harvesting Organic Nanocrystals Capable of Photon Upconversion. <i>ChemSusChem</i> , 2017, 10, 4610-4615.	6.8	29
8	Artificial photosynthesis dendrimers integrating light-harvesting, electron delivery and hydrogen production. <i>Journal of Materials Chemistry A</i> , 2015, 3, 12965-12971.	10.3	27
9	A colorimetric and ratiometric fluorescence sensor for sensitive detection of fluoride ions in water and toothpaste. <i>RSC Advances</i> , 2016, 6, 49158-49163.	3.6	27
10	Pd-Porphyrin Oligomers Sensitized for Green-to-Blue Photon Upconversion: The More the Better?. <i>Chemistry - A European Journal</i> , 2016, 22, 8654-8662.	3.3	26
11	Enhanced photocatalytic hydrogen production from an MCM-41-immobilized photosensitizer [Fe-Fe] hydrogenase mimic dyad. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 1590-1597.	2.9	24
12	Thermally Activated Delayed Fluorescence via Triplet Fusion. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 6239-6245.	4.6	24
13	A "breathing-dendritic molecule" conformational fluctuation induced by external stimuli. <i>Polymer Chemistry</i> , 2014, 5, 5978-5984.	3.9	23
14	Intramolecular triplet-triplet energy transfer enhanced triplet-triplet annihilation upconversion with a short-lived triplet state platinum(II) terpyridyl acetylide photosensitizer. <i>RSC Advances</i> , 2015, 5, 70640-70648.	3.6	22
15	Thermally Activated Upconversion with Metal-Free Sensitizers Enabling Exceptional Anti-Stokes Shift and Anti-counterfeiting Application. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 57481-57488.	8.0	22
16	Highly Emissive Nanoparticles Based on AIE-Active Molecule and PAMAM Dendritic "Molecular Glue". <i>Langmuir</i> , 2015, 31, 4386-4393.	3.5	20
17	Molecular Glass Resists Based on 9,9'-Spirobifluorene Derivatives: Pendant Effect and Comprehensive Evaluation in Extreme Ultraviolet Lithography. <i>ACS Applied Polymer Materials</i> , 2019, 1, 526-534.	4.4	16
18	Efficient photochemical production of hydrogen in aqueous solution by simply incorporating a water-insoluble hydrogenase mimic into a hydrogel. <i>Journal of Materials Chemistry A</i> , 2014, 2, 20500-20505.	10.3	15

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19	A novel dual-tone molecular glass resist based on adamantane derivatives for electron beam lithography. <i>Journal of Materials Chemistry C</i> , 2022, 10, 9858-9866.	5.5	13
20	An [Fe ₄ S ₄] Hydrogenase Mimic Immobilized on MCM-41 for the Photochemical Production of Hydrogen in Pure Water. <i>Chinese Journal of Chemistry</i> , 2014, 32, 479-484.	4.9	10
21	Dendrimers-merging biomimics and photoenergy conversion. <i>Science China Chemistry</i> , 2015, 58, 390-399.	8.2	8
22	Funneling and Enhancing Upconversion Emission by Light-Harvesting Molecular Wires. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 9525-9530.	4.6	8
23	Amplified circularly polarized luminescence enabled by photon upconversion in spin-coating cellulose matrix. <i>Chinese Chemical Letters</i> , 2023, 34, 107649.	9.0	7
24	Efficient acceptorless dehydrogenation of hydrogen-rich N-heterocycles photocatalyzed by Ni(OH) ₂ @CdSe/CdS quantum dots. <i>Catalysis Science and Technology</i> , 2021, 11, 3810-3817.	4.1	5
25	Enhancing photon upconversion with thermally activated sensitization and singlet energy collection. <i>Journal of Materials Chemistry C</i> , 2022, 10, 8596-8601.	5.5	3
26	Crystallization and near-infrared emission from host-guest based supramolecular polymers. <i>New Journal of Chemistry</i> , 2021, 45, 9761-9765.	2.8	2
27	An enzyme cascade fluorescence-based assay for the quantification of phenylalanine in serum. <i>Analyst</i> , 2022, 147, 671-676.	3.5	2
28	Water developable non-chemically amplified photoresist for electron beam and extreme ultraviolet lithography. <i>Journal of Micro-nanopatterning, Materials, and Metrology</i> , 2022, 21, .	0.8	2
29	Coupling Red-to-blue Upconversion Organic Microcrystals with Cd _{0.5} Zn _{0.5} S for Efficient and Durable Photocatalytic Hydrogen Production. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	3.3	1