

# Yi Zeng

## List of Publications by Year in descending order

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63  
papers

2,255  
citations

218677

26  
h-index

223800

46  
g-index

68  
all docs

68  
docs citations

68  
times ranked

3682  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Triarylboron-Based Fluorescent Thermometer: Sensitive Over a Wide Temperature Range. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8072-8076.	13.8	317
2	BowtieArene: A Dual Macrocyclic Exhibiting Stimuli-Responsive Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10059-10065.	13.8	120
3	Multi-shelled titania hollow spheres fabricated by a hard template strategy: enhanced photocatalytic activity. <i>Chemical Communications</i> , 2010, 46, 4312.	4.1	110
4	Silver Nanoparticles Stabilized by Thermoresponsive Microgel Particles: Synthesis and Evidence of an Electron Donor-Acceptor Effect. <i>Macromolecular Rapid Communications</i> , 2007, 28, 2339-2345.	3.9	94
5	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
6	Enhancement of Energy Utilization in Light-Harvesting Dendrimers by the Pseudorotaxane Formation at Periphery. <i>Journal of the American Chemical Society</i> , 2009, 131, 9100-9106.	13.7	91
7	Phosphorescent soft salt for ratiometric and lifetime imaging of intracellular pH variations. <i>Chemical Science</i> , 2016, 7, 3338-3346.	7.4	81
8	Understanding the aggregation induced emission enhancement for a compound with excited state intramolecular proton transfer character. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 2044-2051.	2.8	79
9	Dendrimers: A Mimic Natural Light-Harvesting System. <i>Chemistry - an Asian Journal</i> , 2010, 5, 992-1005.	3.3	69
10	Ir(ppy) <sub>3</sub> phosphorescent microrods and nanowires: promising micro-phosphors. <i>Journal of Materials Chemistry</i> , 2009, 19, 89-96.	6.7	61
11	Advances in Photofunctional Dendrimers for Solar Energy Conversion. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 2340-2350.	4.6	56
12	Grafting P3HT brushes on GO sheets: distinctive properties of the GO/P3HT composites due to different grafting approaches. <i>Journal of Materials Chemistry</i> , 2012, 22, 21583.	6.7	51
13	Molecular-Supramolecular Light Harvesting for Photochemical Energy Conversion: Making Every Photon Count. <i>ACS Energy Letters</i> , 2017, 2, 357-363.	17.4	47
14	A dual-fluorescent composite of graphene oxide and poly(3-hexylthiophene) enables the ratiometric detection of amines. <i>Chemical Science</i> , 2014, 5, 3130.	7.4	42
15	Luminescence Color Tuning by Regulating Electrostatic Interaction in Light-Emitting Devices and Two-Photon Excited Information Decryption. <i>Inorganic Chemistry</i> , 2017, 56, 2409-2416.	4.0	42
16	A charged iridophosphor for time-resolved luminescent CO <sub>2</sub> gas identification. <i>Journal of Materials Chemistry C</i> , 2015, 3, 66-72.	5.5	41
17	Triplet-Triplet Annihilation Upconversion for Photocatalytic Hydrogen Evolution. <i>Chemistry - A European Journal</i> , 2019, 25, 16270-16276.	3.3	36
18	Controlled Growth of Well-Defined Conjugated Polymers from the Surfaces of Multiwalled Carbon Nanotubes: Photoresponse Enhancement via Charge Separation. <i>ACS Nano</i> , 2016, 10, 5189-5198.	14.6	34

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19	A water-soluble tetraphenylethene based probe for luminescent carbon dioxide detection and its biological application. <i>Journal of Materials Chemistry C</i> , 2015, 3, 11850-11856.	5.5	33
20	A Conjugated Figureâ€ofâ€Eight Oligoparaphenylene NanoHoop with Adaptive Cavities Derived from Cyclooctatetrathiophene Core. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	33
21	Dendrimer-Encapsulated Pt Nanoparticles: An Artificial Enzyme for Hydrogen Production. <i>Journal of Physical Chemistry C</i> , 2012, 116, 10516-10521.	3.1	30
22	Lightâ€Harvesting Organic Nanocrystals Capable of Photon Upconversion. <i>ChemSusChem</i> , 2017, 10, 4610-4615.	6.8	29
23	Specific Imaging of Tyrosinase in Vivo with 3-Hydroxybenzyl Caged <sc>D</sc>-Luciferins. <i>Analytical Chemistry</i> , 2018, 90, 9296-9300.	6.5	29
24	Photosensitized oxidation of alkenes with dendrimers as microreactors: controllable selectivity between energy and electron transfer pathway. <i>New Journal of Chemistry</i> , 2010, 34, 718.	2.8	28
25	A Versatile and Robust Vesicle Based on a Photocleavable Surfactant for Twoâ€Photonâ€Tuned Release. <i>Chemistry - A European Journal</i> , 2013, 19, 7931-7936.	3.3	28
26	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
27	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
28	Pdâ€Porphyrin Oligomers Sensitized for Greenâ€toâ€Blue Photon Upconversion: The More the Better?. <i>Chemistry - A European Journal</i> , 2016, 22, 8654-8662.	3.3	26
29	An ultrasensitive bioluminogenic probe of $\hat{I}^3$ -Glutamyltranspeptidase in vivo and in human serum for tumor diagnosis. <i>Biosensors and Bioelectronics</i> , 2017, 98, 325-329.	10.1	26
30	Locked Planarity: A Strategy for Tailoring Ladder-Type $\hat{I}$ -Conjugated Anilidoâ€Pyridine Boron Difluorides. <i>Journal of Organic Chemistry</i> , 2014, 79, 459-464.	3.2	25
31	Enhanced photocatalytic hydrogen production from an MCM-41-immobilized photosensitizerâ€[Fe-Fe] hydrogenase mimic dyad. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 1590-1597.	2.9	24
32	Thermally Activated Delayed Fluorescence via Triplet Fusion. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 6239-6245.	4.6	24
33	A â€breathingâ€dendritic moleculeâ€ conformational fluctuation induced by external stimuli. <i>Polymer Chemistry</i> , 2014, 5, 5978-5984.	3.9	23
34	Intramolecular tripletâ€triplet energy transfer enhanced tripletâ€triplet annihilation upconversion with a short-lived triplet state platinum(<sc>ii</sc>) terpyridyl acetylide photosensitizer. <i>RSC Advances</i> , 2015, 5, 70640-70648.	3.6	22
35	Thermally Activated Upconversion with Metal-Free Sensitizers Enabling Exceptional Anti-Stokes Shift and Anti-counterfeiting Application. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 57481-57488.	8.0	22
36	Stabilized Vesicles Consisting of Small Amphiphiles for Stepwise Photorelease via UV Light. <i>Langmuir</i> , 2012, 28, 1733-1737.	3.5	20

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37	Highly Emissive Nanoparticles Based on AIE-Active Molecule and PAMAM Dendritic "Molecular Glue". <i>Langmuir</i> , 2015, 31, 4386-4393.	3.5	20
38	Visualization of Parallel G-Quadruplexes in Cells with a Series of New Developed Bis(4-aminobenzylidene)acetone Derivatives. <i>ACS Omega</i> , 2018, 3, 10487-10492.	3.5	20
39	Dendritic Ionic Liquids Based on Imidazolium-Modified Poly(aryl ether) Dendrimers. <i>Chemistry - an Asian Journal</i> , 2014, 9, 3641-3649.	3.3	17
40	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
41	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
42	Triplet fusion upconversion using sterically protected 9,10-diphenylanthracene as the emitter. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 6300-6307.	2.8	14
43	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
44	Tetrathiafulvalene Terminal-Decorated PAMAM Dendrimers for Triggered Release Synergistically Stimulated by Redox and CB[7]. <i>Langmuir</i> , 2014, 30, 718-726.	3.5	12
45	Traceable cancer cell photoablation with a new mitochondria-responsive and -activatable red-emissive photosensitizer. <i>Chemical Communications</i> , 2019, 55, 3801-3804.	4.1	11
46	Intramolecular Exciplex Formation Induced by the Folding-Back Conformation of Poly(aryl ether) Dendrimers. <i>Journal of Physical Chemistry C</i> , 2009, 113, 11554-11559.	3.1	10
47	An [Fe-Fe]-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
48	Förster Resonance Energy-Transfer-Based Ratiometric Fluorescent Indicator for Quantifying Fluoride Ion in Water and Toothpaste. <i>ACS Omega</i> , 2018, 3, 18153-18159.	3.5	10
49	Unsurpassed cage effect for the photolysis of dibenzyl ketones in water-soluble dendrimers. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 6256.	2.8	8
50	Dendrimers-merging biomimics and photoenergy conversion. <i>Science China Chemistry</i> , 2015, 58, 390-399.	8.2	8
51	Funneling and Enhancing Upconversion Emission by Light-Harvesting Molecular Wires. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 9525-9530.	4.6	8
52	Amplified circularly polarized luminescence enabled by photon upconversion in spin-coating cellulose matrix. <i>Chinese Chemical Letters</i> , 2023, 34, 107649.	9.0	7
53	Dispersion of Reduced Graphene Oxide in Multiple Solvents with an Imidazolium-Modified Hexa-peri-hexabenzocoronene. <i>Chemistry - an Asian Journal</i> , 2012, 7, 2683-2689.	3.3	5
54	Synthesis and Photophysical Properties of Doubly $\beta$ -Crown- $\beta$ Bridged Cyclic Zn <sup>II</sup> Porphyrin Arrays. <i>Chemistry - an Asian Journal</i> , 2013, 8, 1015-1022.	3.3	5

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55	Efficient acceptorless dehydrogenation of hydrogen-rich N-heterocycles photocatalyzed by Ni(OH) <sub>2</sub> @CdSe/CdS quantum dots. Catalysis Science and Technology, 2021, 11, 3810-3817.	4.1	5
56	Chemically Amplified Resist Based on Dendritic Molecular Glass for Electron Beam Lithography. Chemical Research in Chinese Universities, 2023, 39, 139-143.	2.6	5
57	Enhancing photon upconversion with thermally activated sensitization and singlet energy collection. Journal of Materials Chemistry C, 2022, 10, 8596-8601.	5.5	3
58	Photoinduced Electron Transfer within Porphyrin-Anthraquinone Dyads Connected by Hamilton Hydrogen Bonding. Chinese Journal of Chemistry, 2010, 28, 1580-1586.	4.9	2
59	Crystallization and near-infrared emission from host-guest based supramolecular polymers. New Journal of Chemistry, 2021, 45, 9761-9765.	2.8	2
60	An enzyme cascade fluorescence-based assay for the quantification of phenylalanine in serum. Analyst, The, 2022, 147, 671-676.	3.5	2
61	Coupling Red-to-blue Upconversion Organic Microcrystals with Cd <sub>0.5</sub> Zn <sub>0.5</sub> S for Efficient and Durable Photocatalytic Hydrogen Production. Chemistry - an Asian Journal, 2022, 17, .	3.3	1
62	Synthesis and Photophysical Study of Dendrimers Modified with ESIPT Chromophore. Acta Chimica Sinica, 2012, 70, 1611.	1.4	0
63	Bisurea-Functionalized Macrocycles: Synthesis and Halide Anion-Response. Chinese Journal of Organic Chemistry, 2013, 33, 110.	1.3	0