

# Yan Li

## List of Publications by Year in descending order

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68  
papers

4,628  
citations

101543

36  
h-index

102487

66  
g-index

68  
all docs

68  
docs citations

68  
times ranked

5791  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient quantum dot sensitized solar cells via improved loading amount management. <i>Green Energy and Environment</i> , 2023, 8, 213-223.	8.7	4
2	Effective surface passivation on CsPbBr <sub>3</sub> nanocrystals via post-treatment with aromatic carboxylic acid. <i>Dyes and Pigments</i> , 2022, 198, 109806.	3.7	8
3	Surface Engineering Boosting Al/Zn-Coincorporated Cu <sup>2+</sup> /In <sup>3+</sup> /Se Quantum Dot-Sensitized Solar Cell Efficiency. <i>ACS Applied Energy Materials</i> , 2021, 4, 5767-5774.	5.1	8
4	One-step synthesis of MOF-derived Cu@N-doped carbon composites as counter electrode catalysts for quantum dot-sensitized solar cells. <i>Electrochimica Acta</i> , 2021, 380, 138228.	5.2	9
5	Heat-resistant Pb( <sup>II</sup> )-based X-ray scintillating metal-organic frameworks for sensitive dosage detection via an aggregation-induced luminescent chromophore. <i>Dalton Transactions</i> , 2020, 49, 7309-7314.	3.3	30
6	Al/Zn co-incorporated Cu <sup>2+</sup> /In <sup>3+</sup> /Se quantum dots for high efficiency quantum dot sensitized solar cells. <i>New Journal of Chemistry</i> , 2020, 44, 4304-4310.	2.8	8
7	Highly luminescent and stable CsPbBr <sub>3</sub> perovskite quantum dots modified by phosphine ligands. <i>Nano Research</i> , 2019, 12, 785-789.	10.4	99
8	Cu <sub>x</sub> S nanoparticle@carbon nanorod composites prepared from metal-organic frameworks as efficient electrode catalysts for quantum dot sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2019, 7, 2210-2218.	10.3	15
9	Facile Secondary Deposition for Improving Quantum Dot Loading in Fabricating Quantum Dot Solar Cells. <i>Journal of the American Chemical Society</i> , 2019, 141, 4300-4307.	13.7	66
10	A general strategy via chemically covalent combination for constructing heterostructured catalysts with enhanced photocatalytic hydrogen evolution. <i>Chemical Communications</i> , 2019, 55, 4150-4153.	4.1	45
11	Photocatalytic degradation of organic pollutants coupled with simultaneous photocatalytic H <sub>2</sub> evolution over graphene quantum dots/Mn-N-TiO <sub>2</sub> /g-C <sub>3</sub> N <sub>4</sub> composite catalysts: Performance and mechanism. <i>Applied Catalysis B: Environmental</i> , 2018, 227, 312-321.	20.2	246
12	Cosensitized Quantum Dot Solar Cells with Conversion Efficiency over 12%. <i>Advanced Materials</i> , 2018, 30, 1705746.	21.0	148
13	Metal-organic framework derived Co,N-bidoped carbons as superior electrode catalysts for quantum dot sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2018, 6, 2129-2138.	10.3	41
14	Size-controlled synthesis of CdS nanoparticles confined on covalent triazine-based frameworks for durable photocatalytic hydrogen evolution under visible light. <i>Nanoscale</i> , 2018, 10, 19509-19516.	5.6	108
15	N-doped carbon@Cu nanocomposites as counter electrode catalysts in quantum dot-sensitized solar cells. <i>Solar Energy</i> , 2018, 169, 505-511.	6.1	13
16	Sodium carboxymethyl starch-based highly conductive gel electrolyte for quasi-solid-state quantum dot-sensitized solar cells. <i>Research on Chemical Intermediates</i> , 2018, 44, 1161-1172.	2.7	9
17	Nitrogen-Doped Mesoporous Carbons as Counter Electrodes in Quantum Dot Sensitized Solar Cells with a Conversion Efficiency Exceeding 12%. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 559-564.	4.6	193
18	Titanium mesh based fully flexible highly efficient quantum dots sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2017, 5, 5577-5584.	10.3	13

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19	Tetrazole- <i>viologen</i> -based Flexible Microporous Metal-Organic Framework with High CO <sub>2</sub> Selective Uptake. <i>Inorganic Chemistry</i> , 2016, 55, 7335-7340.	4.0	48
20	Tetrazole- <i>viologen</i> based metal complex: Photochromism and reversible fluorescence modulation. <i>Inorganic Chemistry Communication</i> , 2016, 68, 56-59.	3.9	11
21	Surface engineering of PbS quantum dot sensitized solar cells with a conversion efficiency exceeding 7%. <i>Journal of Materials Chemistry A</i> , 2016, 4, 7214-7221.	10.3	101
22	Quasi-solid-state quantum dot sensitized solar cells with power conversion efficiency over 9% and high stability. <i>Journal of Materials Chemistry A</i> , 2016, 4, 14849-14856.	10.3	47
23	Mn doped quantum dot sensitized solar cells with power conversion efficiency exceeding 9%. <i>Journal of Materials Chemistry A</i> , 2016, 4, 877-886.	10.3	122
24	Highly efficient and stable quasi-solid-state quantum dot-sensitized solar cells based on a superabsorbent polyelectrolyte. <i>Journal of Materials Chemistry A</i> , 2016, 4, 1461-1468.	10.3	60
25	CdSeTe/CdS Type-I Core/Shell Quantum Dot Sensitized Solar Cells with Efficiency over 9%. <i>Journal of Physical Chemistry C</i> , 2015, 119, 28800-28808.	3.1	131
26	Performance enhancement of quantum dot sensitized solar cells by adding electrolyte additives. <i>Journal of Materials Chemistry A</i> , 2015, 3, 17091-17097.	10.3	49
27	Synthesis of Gold Nanoparticles on Rice Husk Silica for Catalysis Applications. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 5656-5663.	3.7	47
28	Amorphous TiO <sub>2</sub> Buffer Layer Boosts Efficiency of Quantum Dot Sensitized Solar Cells to over 9%. <i>Chemistry of Materials</i> , 2015, 27, 8398-8405.	6.7	197
29	Adenosine capped QDs based fluorescent sensor for detection of dopamine with high selectivity and sensitivity. <i>Analyst</i> , The, 2014, 139, 93-98.	3.5	108
30	Quantum dots-based ratiometric fluorescence probe for mercuric ions in biological fluids. <i>Talanta</i> , 2014, 119, 564-571.	5.5	47
31	Highly bright water-soluble silica coated quantum dots with excellent stability. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5043-5051.	5.8	55
32	Visual detection of biological thiols based on lightening quantum dot-TiO <sub>2</sub> composites. <i>Analyst</i> , The, 2014, 139, 996.	3.5	7
33	Silica coating of luminescent quantum dots prepared in aqueous media for cellular labeling. <i>Materials Research Bulletin</i> , 2014, 60, 543-551.	5.2	12
34	High-Efficiency "Green" Quantum Dot Solar Cells. <i>Journal of the American Chemical Society</i> , 2014, 136, 9203-9210.	18.7	547
35	A quantum dot-based "off-on" fluorescent probe for biological detection of zinc ions. <i>Analyst</i> , The, 2013, 138, 2181.	3.5	34
36	Stable water-soluble quantum dots capped by poly(ethylene glycol) modified dithiocarbamate. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 410, 144-152.	4.7	14

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37	Hg <sup>2+</sup> -mediated aggregation of gold nanoparticles for colorimetric screening of biothiols. <i>Analyst, The</i> , 2012, 137, 924-931.	3.5	101
38	Hydrothermal syntheses, crystal structures and magnetic properties of four Mn(ii) and Co(ii) coordination polymers generated from new carboxylate-introduced 1,2,3-triazole ligands. <i>CrystEngComm</i> , 2011, 13, 3868.	2.6	37
39	Anti-aggregation of gold nanoparticle-based colorimetric sensor for glutathione with excellent selectivity and sensitivity. <i>Analyst, The</i> , 2011, 136, 196-200.	3.5	109
40	Facile Synthesis of Highly Luminescent Mn-Doped ZnS Nanocrystals. <i>Inorganic Chemistry</i> , 2011, 50, 10432-10438.	4.0	89
41	Highly selective and sensitive visualizable detection of Hg <sup>2+</sup> based on anti-aggregation of gold nanoparticles. <i>Talanta</i> , 2011, 84, 508-512.	5.5	81
42	Controllable growth of silver-seeded PbS nanostructures. <i>Journal of Materials Science</i> , 2011, 46, 670-674.	3.7	0
43	A novel metal-organic framework with bifunctional tetrazolate-5-carboxylate ligand: Crystal structure and luminescent properties. <i>Inorganic Chemistry Communication</i> , 2011, 14, 407-410.	3.9	16
44	Preparation of Bismuth Oxide Quantum Dots and their Photocatalytic Activity in a Homogeneous System. <i>ChemCatChem</i> , 2010, 2, 1115-1121.	3.7	31
45	Hydrothermal syntheses, structures and luminescent properties of group IIB metal coordination polymers based on bifunctional 1H-tetrazolate-5-acetic acid ligand. <i>Inorganic Chemistry Communication</i> , 2010, 13, 250-253.	3.9	36
46	Hydrothermal syntheses, crystal structures and luminescent properties of zinc(II) coordination polymers constructed by bifunctional tetrazolate-5-carboxylate ligands. <i>CrystEngComm</i> , 2010, 12, 260-269.	2.6	57
47	Bifunctional Multidentate Ligand Modified Highly Stable Water-Soluble Quantum Dots. <i>Inorganic Chemistry</i> , 2010, 49, 3768-3775.	4.0	95
48	A Direct White-Light-Emitting Metal-Organic Framework with Tunable Yellow-to-White Photoluminescence by Variation of Excitation Light. <i>Journal of the American Chemical Society</i> , 2009, 131, 13572-13573.	13.7	454
49	A ferroelectric inorganic-organic hybrid based on NLO-phore stilbazolium. <i>Journal of Materials Chemistry</i> , 2009, 19, 2179.	6.7	95
50	Facile Synthesis of Highly Luminescent UV-Blue-Emitting ZnSe/ZnS Core/Shell Nanocrystals in Aqueous Media. <i>Journal of Physical Chemistry C</i> , 2009, 113, 14145-14150.	3.1	99
51	A 3D-diamond-like tetrazole-based Zn(II) coordination polymer: Crystal structure, nonlinear optical effect and luminescent property. <i>Inorganic Chemistry Communication</i> , 2008, 11, 969-971.	3.9	54
52	A new approach to Hg <sub>1-x</sub> Cd <sub>x</sub> Te: Syntheses, crystal and band structures, and optical properties. <i>Solid State Sciences</i> , 2008, 10, 69-73.	3.2	4
53	A Novel Metal-Organic Network with High Thermal Stability: Nonlinear Optical and Photoluminescent Properties. <i>Inorganic Chemistry</i> , 2008, 47, 7945-7947.	4.0	112
54	4-(1H-Tetrazol-5-yl)benzoic acid monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1368-o1368.	0.2	2

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55	Unprecedented (3,10)-Connected 2-D Metal-Organic Framework Constructed from Octanuclear Cobalt(II) Clusters and a New Bifunctional Ligand. <i>Inorganic Chemistry</i> , 2007, 46, 6852-6854.	4.0	56
56	Synthesis, Crystal and Band Structures, and Properties of a New Mixed Three-Dimensional Framework Metal Pnictidehalide Semiconductor, (Hg <sub>6</sub> Sb <sub>4</sub> )(CdI <sub>6</sub> ). <i>Inorganic Chemistry</i> , 2007, 46, 7321-7325.	4.0	19
57	The Synthesis, Crystal and Band Structures, and Properties of the Quaternary Supramolecular Complexes [Hg <sub>6</sub> Z <sub>4</sub> ](MX <sub>6</sub> ) <sub>4</sub> (Z = As, Sb; M = Hg, Cd; X = Cl, Br, I; y = 0, 0.5, 0.6). <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 977-984.	2.0	16
58	A unique 3-D 3d-4f heterometallic coordination polymer with double betaine ligand: Crystal structure and magnetic properties. <i>Inorganic Chemistry Communication</i> , 2007, 10, 787-791.	3.9	12
59	Two novel anion-directed Cu(II) double betaine coordination polymers with different open frameworks: Inorganic chains [Cu <sub>3</sub> (μ <sub>3</sub> -OH) <sub>2</sub> (μ <sub>2</sub> -H <sub>2</sub> O) <sub>2</sub> ] <sub>n</sub> as secondary building units with unusual chair-like [Cu <sub>3</sub> O <sub>4</sub> ] cores. <i>Inorganic Chemistry Communication</i> , 2007, 10, 1026-1030.	3.9	14
60	Two Cu(II) double betaine coordination polymers with different metal-organic frameworks. <i>Journal of Molecular Structure</i> , 2007, 837, 231-236.	3.6	16
61	Synthesis, crystal structures and magnetic properties of three new 4-cyanobenzoate complexes. <i>Journal of Molecular Structure</i> , 2007, 842, 38-45.	3.6	11
62	Crystal Structures and Magnetic and Luminescent Properties of a Series of Homodinuclear Lanthanide Complexes with 4-Cyanobenzoic Ligand. <i>Inorganic Chemistry</i> , 2006, 45, 6308-6316.	4.0	209
63	Different Molecular Frameworks of Zinc(II) and Cadmium(II) Coordination Polymers Constructed by Flexible Double Betaine Ligands. <i>Crystal Growth and Design</i> , 2006, 6, 444-450.	3.0	72
64	Dimethyl 5-(4-phenyl-1H-1,2,3-triazol-1-yl)benzene-1,3-dicarboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o3591-o3593.	0.2	2
65	Copper(II), nickel(II) and cobalt(II) complexes of 4-cyanobenzoic acid: syntheses, crystal structures and spectral properties. <i>Journal of Molecular Structure</i> , 2005, 740, 147-151.	3.6	12
66	Syntheses, crystal structures and magnetic properties of two new 3-cyanobenzate coordination complexes. <i>Inorganic Chemistry Communication</i> , 2005, 8, 708-712.	3.9	5
67	[SmNi(pic) <sub>3</sub> (H <sub>2</sub> O) <sub>5</sub> ] <sub>n</sub> (ClO <sub>4</sub> ) <sub>2n</sub> ·3nH <sub>2</sub> O, the first Sm-Ni heterometallic complex of picolinic acid ligand showing novel basket weave topology: Synthesis, structure and magnetism. <i>Inorganic Chemistry Communication</i> , 2005, 8, 1078-1081.	3.9	11
68	Facile synthesis of high-quality CdTe/CdS core/shell quantum dots in aqueous phase by using dual capping ligands. <i>RSC Advances</i> , 0, , .	3.6	1