

# Dongguang Yin

## List of Publications by Year in descending order

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43  
papers

979  
citations

394286

19  
h-index

454834

30  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1450  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of 2D@2D Heterojunction Catalyst with Covalent Organic Framework (COF) and MoS <sub>2</sub> for Highly Efficient Photocatalytic Degradation of Organic Pollutants. <i>Inorganic Chemistry</i> , 2020, 59, 6942-6952.	1.9	107
2	Enhancing upconversion luminescence of NaYF <sub>4</sub> :Yb/Er nanocrystals by Mo <sup>3+</sup> doping and their application in bioimaging. <i>Dalton Transactions</i> , 2014, 43, 12037-12043.	1.6	62
3	Iron-based fluorides of tetragonal tungsten bronze structure as potential cathodes for Na-ion batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 7382-7389.	5.2	57
4	Synthesis of a Novel Core@Shell Nanocomposite Ag@SiO <sub>2</sub> @Lu <sub>2</sub> O <sub>3</sub> :Gd/Yb/Er for Large Enhancing Upconversion Luminescence and Bioimaging. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 18480-18488.	4.0	55
5	Tetragonal Tungsten Bronze Framework as Potential Anode for Na-Ion Batteries. <i>Chemistry of Materials</i> , 2016, 28, 3139-3147.	3.2	48
6	Construction of a Novel Z-Scheme Heterojunction with Molecular Grafted Carbon Nitride Nanosheets and V <sub>2</sub> O <sub>5</sub> for Highly Efficient Photocatalysis. <i>Journal of Physical Chemistry C</i> , 2019, 123, 4193-4203.	1.5	41
7	Construction of MOF/COF Hybrids for Boosting Sunlight-Induced Fenton-like Photocatalytic Removal of Organic Pollutants. <i>Inorganic Chemistry</i> , 2021, 60, 15557-15568.	1.9	40
8	Stacking of Tailored Chalcogenide Nanosheets around MoO <sub>2</sub> -C Conductive Stakes Modulated by a Hybrid POM@MOF Precursor Template: Composite Conversion@Insertion Cathodes for Rechargeable Mg@Li Dual-Salt Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 5966-5977.	4.0	39
9	Huge enhancement of upconversion luminescence by broadband dye sensitization of core/shell nanocrystals. <i>Dalton Transactions</i> , 2016, 45, 13392-13398.	1.6	38
10	Greatly enhanced photocatalytic activity of semiconductor CeO <sub>2</sub> by integrating with upconversion nanocrystals and graphene. <i>RSC Advances</i> , 2016, 6, 103795-103802.	1.7	34
11	Fabrication of 2D heterojunction photocatalyst Co-g-C <sub>3</sub> N <sub>4</sub> /MoS <sub>2</sub> with enhanced solar-light-driven photocatalytic activity. <i>New Journal of Chemistry</i> , 2019, 43, 463-473.	1.4	31
12	The facile boosting sunlight-driven photocatalytic performance of a metal@organic-framework through coupling with Ag <sub>2</sub> S nanoparticles. <i>New Journal of Chemistry</i> , 2020, 44, 12568-12578.	1.4	31
13	Synthesis of NaLuF <sub>4</sub> -based nanocrystals and large enhancement of upconversion luminescence of NaLuF <sub>4</sub> :Gd, Yb, Er by coating an active shell for bioimaging. <i>Dalton Transactions</i> , 2014, 43, 14001-14008.	1.6	29
14	Fabrication of Hierarchical Co <sub>9</sub> S <sub>8</sub> @ZnAgInS Heterostructured Cages for Highly Efficient Photocatalytic Hydrogen Generation and Pollutants Degradation. <i>Inorganic Chemistry</i> , 2020, 59, 7027-7038.	1.9	29
15	Fabrication of a novel carbon quantum Dots-Modified 2D heterojunction for highly efficient sunlight photocatalysis. <i>Journal of Alloys and Compounds</i> , 2019, 806, 761-773.	2.8	24
16	Efficient Solar Light Driven Degradation of Tetracycline by Fe-EDTA Modified g-C <sub>3</sub> N <sub>4</sub> Nanosheets. <i>Journal of Physical Chemistry C</i> , 2020, 124, 11831-11843.	1.5	24
17	Electrolyte formulation to enable ultra-stable aqueous Zn-organic batteries. <i>Journal of Power Sources</i> , 2021, 482, 228904.	4.0	24
18	Preparation and Characterization of ZnO-Graphene Composite Photocatalyst. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 937-942.	0.9	20

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19	Preparation of a novel nanocomposite NaLuF <sub>4</sub> :Gd,Yb,Tm@SiO <sub>2</sub> @Ag@TiO <sub>2</sub> with high photocatalytic activity driven by simulated solar light. Dalton Transactions, 2016, 45, 1467-1475.	1.6	20
20	Huge enhancement of upconversion luminescence by dye/Nd <sup>3+</sup> sensitization of quenching-shield sandwich structured upconversion nanocrystals under 808 nm excitation. Dalton Transactions, 2017, 46, 16180-16189.	1.6	19
21	Large enhanced photocatalytic activity of g-C <sub>3</sub> N <sub>4</sub> by fabrication of a nanocomposite with introducing upconversion nanocrystal and Ag nanoparticles. RSC Advances, 2018, 8, 42308-42321.	1.7	19
22	Highly Reversible Conversion Anodes Composed of Ultralarge Monolithic Grains with Seamless Intragranular Binder and Wiring Network. ACS Applied Materials & Interfaces, 2019, 11, 23280-23290.	4.0	19
23	Preparation of NaLuF <sub>4</sub> :Gd, Yb, Tm@TiO <sub>2</sub> nanocomposite with high catalytic activity for solar light assisted photocatalytic degradation of dyes and wastewater. RSC Advances, 2014, 4, 39118-39125.	1.7	17
24	Fabrication of a novel nanocomposite Ag/graphene@SiO <sub>2</sub> @NaLuF <sub>4</sub> :Yb,Gd,Er for large enhancement upconversion luminescence. Dalton Transactions, 2015, 44, 11147-11154.	1.6	15
25	Preparation of a Novel Core-Shell Ag-Graphene@SiO <sub>2</sub> ; Nanocomposite for Fluorescence Enhancement. Journal of Biomedical Nanotechnology, 2012, 8, 458-464.	0.5	14
26	Fabrication of a novel ternary heterojunction composite Ag <sub>2</sub> MoO <sub>4</sub> /Ag <sub>2</sub> S/MoS <sub>2</sub> with significantly enhanced photocatalytic performance. New Journal of Chemistry, 2021, 45, 223-234.	1.4	13
27	Fabrication of a Covalent Organic Framework-Based Heterojunction via Coupling with ZnAgInS Nanosphere with High Photocatalytic Activity. Langmuir, 2022, 38, 4680-4691.	1.6	13
28	Synthesis of NaYF <sub>4</sub> , NaLuF <sub>4</sub> and NaGdF <sub>4</sub> -Based Upconversion Nanocrystals with Hydro (Solvo) Thermal Methods. Journal of Nanoscience and Nanotechnology, 2013, 13, 4162-4167.	0.9	12
29	Preparation of bi-functional NaGdF <sub>4</sub> -based upconversion nanocrystals and fine-tuning of emission colors of the nanocrystals by doping with Mn <sup>2+</sup> . Vacuum, 2014, 107, 311-315.	1.6	12
30	Multi-functional organic molecules for surface passivation of perovskite. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 355, 42-47.	2.0	12
31	Construction of a novel 2D-2D heterojunction by coupling a covalent organic framework and In <sub>2</sub> S <sub>3</sub> for photocatalytic removal of organic pollutants with high efficiency. New Journal of Chemistry, 2021, 45, 15789-15800.	1.4	10
32	Ag/ZnO-C Nanocomposite-Preparation and Photocatalytic Properties. Journal of Nanoscience and Nanotechnology, 2012, 12, 2248-2253.	0.9	9
33	Improving photocatalytic activity by combining upconversion nanocrystals and Mo-doping: a case study on I <sup>2</sup> -NaLuF <sub>4</sub> :Gd,Yb,Tm@SiO <sub>2</sub> @TiO <sub>2</sub> :Mo. RSC Advances, 2015, 5, 87251-87258.	1.7	8
34	Development of a novel capillary electrophoresis chemiluminescence system for amino acid analysis. Luminescence, 2008, 23, 434-438.	1.5	7
35	A Rapid and Sensitive Chemiluminescent Immunoassay of Total Thyroxin with DMAE-ANHS-Labeled. Journal of Immunoassay and Immunochemistry, 2008, 29, 257-265.	0.5	6
36	Synthesis of Eu(III): naphthyltrifluoroacetone:triethylphosphineoxide complex-doped silica fluorescent nanoparticles through a new approach. Journal of Nanoparticle Research, 2011, 13, 7271-7276.	0.8	6

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37	Effect of P sources on the phosphorus modified MCM-22 for n-hexane catalytic cracking. Reaction Kinetics, Mechanisms and Catalysis, 2021, 132, 431-447.	0.8	4
38	Dehydration-Reaction-Based Low-Temperature Synthesis of Amorphous SnO <sub>x</sub> for High-Performance Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2021, 13, 47603-47609.	4.0	3
39	Fabrication of a novel hybrid MIL-53(Fe)/MoSe <sub>2</sub> with outstanding photocatalytic performances. Ionics, 2021, 27, 1000-1008.	1.2	2
40	Preparation of luminescent dye doped core-shell nanoparticles and their application in cell recognition. , 2010, , .		0
41	Preparation, Characterization and Fluorescent Immunoassay Application of Rubpy-Doped Silica Nanoparticles. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	0
42	Preparation and characterization of a novel silica fluorescent nanoparticles with DPPDA-Eu <sup>3+</sup> doped. , 2010, , .		0
43	Improvement Photocatalytic Activity of P25 by Modification with a Rare Earth-Free Upconversion Nanocrystal. Journal of Nanoscience and Nanotechnology, 2018, 18, 3448-3454.	0.9	0