

# Dongguang Yin

## List of Publications by Year in descending order

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Version: 2024-02-01

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 a Covalent Organic Framework-Based Heterojunction via Coupling with ZnAgInS Nanosphere with High Photocatalytic Activity. <i>Langmuir</i> , 2022, 38, 4680-4691.   | 1.6 | 13        |
| 2  | Electrolyte formulation to enable ultra-stable aqueous Zn-organic batteries. <i>Journal of Power Sources</i> , 2021, 482, 228904.   | 4.0 | 24        |
| 3  | Effect of P sources on the phosphorus modified MCM-22 for n-hexane catalytic cracking. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2021, 132, 431-447.   | 0.8 | 4         |
| 4  | 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. <i>New Journal of Chemistry</i> , 2021, 45, 223-234.   | 1.4 | 13        |
| 5  | 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. <i>New Journal of Chemistry</i> , 2021, 45, 15789-15800.  | 1.4 | 10        |
| 6  | Dehydration-Reaction-Based Low-Temperature Synthesis of Amorphous SnO <sub>x</sub> for High-Performance Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 47603-47609.  | 4.0 | 3         |
| 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  | 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       |
| 9  | 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        |
| 10 | 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        |
| 11 | 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        |
| 12 | 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        |
| 13 | 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        |
| 14 | 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        |
| 15 | Highly Reversible Conversion Anodes Composed of Ultralarge Monolithic Grains with Seamless Intragranular Binder and Wiring Network. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 23280-23290.  | 4.0 | 19        |
| 16 | Stacking of Tailored Chalcogenide Nanosheets around MoO <sub>2</sub> -C Conductive Stakes Modulated by a Hybrid POMs/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        |
| 17 | Multi-functional organic molecules for surface passivation of perovskite. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 355, 42-47.  | 2.0 | 12        |
| 18 | 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. <i>RSC Advances</i> , 2018, 8, 42308-42321.   | 1.7 | 19        |

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|----|---|-----|-----------|
| 19 | Improvement Photocatalytic Activity of P25 by Modification with a Rare Earth-Free Upconversion Nanocrystal. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 3448-3454.   | 0.9 | 0         |
| 20 | Huge enhancement of upconversion luminescence by dye/ $\text{Nd}^{3+}$ sensitization of quenching-shield sandwich structured upconversion nanocrystals under 808 nm excitation. <i>Dalton Transactions</i> , 2017, 46, 16180-16189.       | 1.6 | 19        |
| 21 | Tetragonal Tungsten Bronze Framework as Potential Anode for Na-Ion Batteries. <i>Chemistry of Materials</i> , 2016, 28, 3139-3147.  | 3.2 | 48        |
| 22 | 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        |
| 23 | Huge enhancement of upconversion luminescence by broadband dye sensitization of core/shell nanocrystals. <i>Dalton Transactions</i> , 2016, 45, 13392-13398.  | 1.6 | 38        |
| 24 | Greatly enhanced photocatalytic activity of semiconductor $\text{CeO}_2$ by integrating with upconversion nanocrystals and graphene. <i>RSC Advances</i> , 2016, 6, 103795-103802.  | 1.7 | 34        |
| 25 | Preparation of a novel nanocomposite $\text{NaLuF}_4:\text{Gd,Yb,Tm}@SiO_2@Ag@TiO_2$ with high photocatalytic activity driven by simulated solar light. <i>Dalton Transactions</i> , 2016, 45, 1467-1475.                                 | 1.6 | 20        |
| 26 | Fabrication of a novel nanocomposite $\text{Ag/graphene}@SiO_2@NaLuF_4:\text{Yb,Gd,Er}$ for large enhancement upconversion luminescence. <i>Dalton Transactions</i> , 2015, 44, 11147-11154.  | 1.6 | 15        |
| 27 | Improving photocatalytic activity by combining upconversion nanocrystals and Mo-doping: a case study on $\text{I}^2\text{-NaLuF}_4:\text{Gd,Yb,Tm}@SiO_2@TiO_2:\text{Mo}$ . <i>RSC Advances</i> , 2015, 5, 87251-87258.                   | 1.7 | 8         |
| 28 | Preparation of bi-functional $\text{NaGdF}_4$ -based upconversion nanocrystals and fine-tuning of emission colors of the nanocrystals by doping with $\text{Mn}^{2+}$ . <i>Vacuum</i> , 2014, 107, 311-315.                               | 1.6 | 12        |
| 29 | Synthesis of a Novel Core-Shell Nanocomposite $\text{Ag}@SiO_2@Lu_2O_3:\text{Gd/Yb/Er}$ for Large Enhancing Upconversion Luminescence and Bioimaging. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 18480-18488.               | 4.0 | 55        |
| 30 | Preparation of $\text{NaLuF}_4:\text{Gd, Yb, Tm}@TiO_2$ nanocomposite with high catalytic activity for solar light assisted photocatalytic degradation of dyes and wastewater. <i>RSC Advances</i> , 2014, 4, 39118-39125.                | 1.7 | 17        |
| 31 | Synthesis of $\text{NaLuF}_4$ -based nanocrystals and large enhancement of upconversion luminescence of $\text{NaLuF}_4:\text{Gd, Yb, Er}$ by coating an active shell for bioimaging. <i>Dalton Transactions</i> , 2014, 43, 14001-14008. | 1.6 | 29        |
| 32 | Enhancing upconversion luminescence of $\text{NaYF}_4:\text{Yb/Er}$ nanocrystals by $\text{Mo}^{3+}$ doping and their application in bioimaging. <i>Dalton Transactions</i> , 2014, 43, 12037-12043.                                      | 1.6 | 62        |
| 33 | Synthesis of $\text{NaYF}_4$ , $\text{NaLuF}_4$ and $\text{NaGdF}_4$ -Based Upconversion Nanocrystals with Hydro (Solvo) Thermal Methods. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 4162-4167.                         | 0.9 | 12        |
| 34 | $\text{Ag/ZnO-C}$ Nanocomposite-Preparation and Photocatalytic Properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 2248-2253.  | 0.9 | 9         |
| 35 | Preparation and Characterization of $\text{ZnO-Graphene}$ Composite Photocatalyst. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 937-942.  | 0.9 | 20        |
| 36 | Preparation of a Novel Core-Shell $\text{Ag-Graphene}@SiO_2$ Nanocomposite for Fluorescence Enhancement. <i>Journal of Biomedical Nanotechnology</i> , 2012, 8, 458-464.  | 0.5 | 14        |

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|----|--|-----|-----------|
| 37 | Synthesis of Eu(III): naphthyltrifluoroacetone:trioctylphosphineoxide complex-doped silica fluorescent nanoparticles through a new approach. Journal of Nanoparticle Research, 2011, 13, 7271-7276.  | 0.8 | 6         |
| 38 | Preparation of luminescent dye doped core-shell nanoparticles and their application in cell recognition. , 2010, , .   |     | 0         |
| 39 | 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         |
| 40 | Preparation and characterization of a novel silica fluorescent nanoparticles with DPPDA-Eu <sup>3+</sup> doped. , 2010, , .  |     | 0         |
| 41 | Development of a novel capillary electrophoresis chemiluminescence system for amino acid analysis. Luminescence, 2008, 23, 434-438.  | 1.5 | 7         |
| 42 | A Rapid and Sensitive Chemiluminescent Immunoassay of Total Thyroxin with DMAE- $\alpha$ -NHS-Labeled. Journal of Immunoassay and Immunochemistry, 2008, 29, 257-265.  | 0.5 | 6         |
| 43 | Fabrication of a novel hybrid MIL-53(Fe)/MoSe <sub>2</sub> with outstanding photocatalytic performances. Ionics, 0, , .  | 1.2 | 2         |