

Yunfeng Li

List of Publications by Year in descending order

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29
papers

2,059
citations

394421

19
h-index

477307

29
g-index

29
all docs

29
docs citations

29
times ranked

2562
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | All-Solid-State Z-scheme Ta ₃ N ₅ /Bi/CaTaO ₂ N photocatalyst transformed from perovskite CaBi ₂ Ta ₂ O ₉ for efficient overall water splitting. <i>Chemical Engineering Journal</i> , 2022, 431, 134041. | 12.7 | 22 |
| 2 | Negative inductive effect enhances charge transfer driving in sulfonic acid functionalized graphitic carbon nitride with efficient visible-light photocatalytic performance. <i>Chinese Journal of Catalysis</i> , 2022, 43, 526-535. | 14.0 | 35 |
| 3 | Review on g-C ₃ N ₄ -based S-scheme heterojunction photocatalysts. <i>Journal of Materials Science and Technology</i> , 2022, 125, 128-144. | 10.7 | 126 |
| 4 | Preparation of two-dimensional mesoporous Ta ₃ N ₅ by utilizing a biological template for enhanced photocatalytic hydrogen production. <i>Ceramics International</i> , 2022, 48, 22297-22304. | 4.8 | 9 |
| 5 | Highly crystalline sulfur and oxygen co-doped g-C ₃ N ₄ nanosheets as an advanced photocatalyst for efficient hydrogen generation. <i>Catalysis Science and Technology</i> , 2022, 12, 5136-5142. | 4.1 | 8 |
| 6 | Synthesis of Ni-doped anatase TiO ₂ single crystals loaded on wood-based activated carbon for enhanced photodegradation of triphenylmethane dyes. <i>Environmental Science and Pollution Research</i> , 2021, 28, 6491-6503. | 5.3 | 9 |
| 7 | Preparation of novel 0D/2D Ag ₂ WO ₄ /WO ₃ Step-scheme heterojunction with effective interfacial charges transfer for photocatalytic contaminants degradation and mechanism insight. <i>Chemical Engineering Journal</i> , 2021, 420, 130361. | 12.7 | 58 |
| 8 | Bi ₄ O ₅ Br ₂ anchored on Ti ₃ C ₂ MXene with ohmic heterojunction in photocatalytic NH ₃ production: Insights from combined experimental and theoretical calculations. <i>Journal of Colloid and Interface Science</i> , 2021, 602, 553-562. | 9.4 | 35 |
| 9 | Preparation of Tungsten-Based Polyvinyl Alcohol Waterborne Coating and Development of Photochromic Composite Fabric. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100540. | 3.6 | 3 |
| 10 | Construction of novel 2D/1D g-C ₃ N ₄ /CaTiO ₃ heterojunction with face-to-face contact for boosting photodegradation of triphenylmethane dyes under simulated sunlight. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 107, 98-109. | 5.3 | 36 |
| 11 | Surfactants-assisted preparation of BiVO ₄ with novel morphologies via microwave method and CdS decoration for enhanced photocatalytic properties. <i>Journal of Hazardous Materials</i> , 2020, 387, 122019. | 12.4 | 39 |
| 12 | In situ thermal-assisted loading of monodispersed Pt nanoclusters on CdS nanoflowers for efficient photocatalytic hydrogen evolution. <i>Applied Surface Science</i> , 2020, 506, 144933. | 6.1 | 31 |
| 13 | Co-monomer engineering optimized electron delocalization system in carbon-bridging modified g-C ₃ N ₄ nanosheets with efficient visible-light photocatalytic performance. <i>Applied Catalysis B: Environmental</i> , 2020, 274, 119116. | 20.2 | 92 |
| 14 | Enhanced photoexcited carrier separation in Ta ₃ N ₅ /SrTaO ₂ N (1D/0D) heterojunctions for highly efficient visible light-driven hydrogen evolution. <i>Applied Surface Science</i> , 2020, 514, 145915. | 6.1 | 15 |
| 15 | Recent advances in g-C ₃ N ₄ -based heterojunction photocatalysts. <i>Journal of Materials Science and Technology</i> , 2020, 56, 1-17. | 10.7 | 297 |
| 16 | Preparation and enhanced photocatalytic performance of sulfur doped terminal-methylated g-C ₃ N ₄ nanosheets with extended visible-light response. <i>Journal of Materials Chemistry A</i> , 2019, 7, 20640-20648. | 10.3 | 105 |
| 17 | Effects of the preparation method of Pt/g-C ₃ N ₄ photocatalysts on their efficiency for visible-light hydrogen production. <i>Dalton Transactions</i> , 2019, 48, 15068-15073. | 3.3 | 39 |
| 18 | An Eco-Friendly Nitrogen Source for the Preparation of Vanadium Nitride/Nitrogen-Doped Carbon Nanocomposites for Supercapacitors. <i>ChemElectroChem</i> , 2019, 6, 3445-3453. | 3.4 | 11 |

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|----|---|------|-----------|
| 19 | Preparation of phenyl group functionalized g-C ₃ N ₄ nanosheets with extended electron delocalization for enhanced visible-light photocatalytic activity. <i>New Journal of Chemistry</i> , 2018, 42, 6756-6762. | 2.8 | 19 |
| 20 | Self-Assembly of Three-Dimensional Zinc-Doped NiCo ₂ O ₄ as Efficient Electrocatalysts for Oxygen Evolution Reaction. <i>Chemistry - A European Journal</i> , 2018, 24, 13002-13008. | 3.3 | 51 |
| 21 | Preparation of Carbon-Rich g-C ₃ N ₄ Nanosheets with Enhanced Visible Light Utilization for Efficient Photocatalytic Hydrogen Production. <i>Small</i> , 2017, 13, 1701552. | 10.0 | 142 |
| 22 | Preparation of TiO ₂ Nanosponge-Supported Noble Metal Catalysts and Their Application to 4-Nitrophenol Reduction and CO Oxidation. <i>ChemistrySelect</i> , 2017, 2, 11456-11461. | 1.5 | 4 |
| 23 | In situ loading of Ag ₂ WO ₄ on ultrathin g-C ₃ N ₄ nanosheets with highly enhanced photocatalytic performance. <i>Journal of Hazardous Materials</i> , 2016, 313, 219-228. | 12.4 | 135 |
| 24 | Macroscopic Foam-Like Holey Ultrathin g-C ₃ N ₄ Nanosheets for Drastic Improvement of Visible-Light Photocatalytic Activity. <i>Advanced Energy Materials</i> , 2016, 6, 1601273. | 19.5 | 466 |
| 25 | In situ reduction of well-dispersed nickel nanoparticles on hierarchical nickel silicate hollow nanofibers as a highly efficient transition metal catalyst. <i>RSC Advances</i> , 2016, 6, 32580-32585. | 3.6 | 15 |
| 26 | Ultrathin g-C ₃ N ₄ Nanosheets Coupled with AgI ₃ as Highly Efficient Heterostructured Photocatalysts for Enhanced Visible-Light Photocatalytic Activity. <i>Chemistry - A European Journal</i> , 2015, 21, 17739-17747. | 3.3 | 40 |
| 27 | Sandwich-Structured Graphene-Nickel Silicate-Nickel Ternary Composites as Superior Anode Materials for Lithium-Ion Batteries. <i>Chemistry - A European Journal</i> , 2015, 21, 9014-9017. | 3.3 | 32 |
| 28 | Facile Synthesis of Hierarchical Magnesium Silicate Hollow Nanofibers Assembled by Nanosheets as an Efficient Adsorbent. <i>ChemPlusChem</i> , 2015, 80, 544-548. | 2.8 | 19 |
| 29 | Preparation and enhanced visible light photocatalytic activity of novel g-C ₃ N ₄ nanosheets loaded with Ag ₂ CO ₃ nanoparticles. <i>Nanoscale</i> , 2015, 7, 758-764. | 5.6 | 166 |