

# Xiaoli Dong

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

86

papers

1,501

citations

23

h-index

34

g-index

88

ext. papers

1,961

ext. citations

5.5

avg. IF

5.21

L-index

| #  | Paper   | IF   | Citations |
|----|---|------|-----------|
| 86 | Hierarchical polyurethane/RGO/BiOI fiber composite as flexible, self-supporting and recyclable photocatalysts for RhB degradation under visible light. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2022</b> ,   | 6.3  | 3         |
| 85 | Controllable fabrication of sulfur-vacancy-rich Bi <sub>2</sub> S <sub>3</sub> nanorods with efficient near-infrared light photocatalytic for nitrogen fixation. <i>Applied Surface Science</i> , <b>2022</b> , 591, 153205   | 6.7  | 3         |
| 84 | Confining peroxymonosulfate activation in carbon nanotube intercalated nitrogen doped reduced graphene oxide membrane for enhanced water treatment: The role of nanoconfinement effect. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 608, 2740-2740  | 9.3  | 4         |
| 83 | Hydrothermal carbonation carbon-based photocatalysis under visible light: Modification for enhanced removal of organic pollutant and novel insight into the photocatalytic mechanism. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 127821  | 12.8 | 1         |
| 82 | One-pot synthesis of SnS <sub>2</sub> /In <sub>2</sub> S <sub>3</sub> heterostructures for efficient photocatalysis. <i>Applied Surface Science</i> , <b>2021</b> , 579, 152088   | 6.7  | 2         |
| 81 | -Doping of Graphene Aerogel as a Multifunctional Air Cathode for Microbial Fuel Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 51312-51320  | 9.5  | 0         |
| 80 | Application of flexible PAN/BiOBr-Cl microfibers as self-supporting and highly active photocatalysts for nitrogen fixation and dye degradation. <i>Applied Surface Science</i> , <b>2021</b> , 575, 151743  | 6.7  | 4         |
| 79 | Controlling the up-conversion photoluminescence property of carbon quantum dots (CQDs) by modifying its surface functional groups for enhanced photocatalytic performance of CQDs/BiVO <sub>4</sub> under a broad-spectrum irradiation. <i>Research on Chemical Intermediates</i> , <b>2021</b> , 47, 3469-3485 | 2.8  | 1         |
| 78 | One-Pot Solvothermal Synthesis of Flower-Like S-Doped BiOCl for Enhanced Photocatalytic Property in Dye Degradation and Nitrogen Fixation. <i>ChemistrySelect</i> , <b>2021</b> , 6, 5771-5777  | 1.8  | 1         |
| 77 | Graphene oxide-promoted Ti/PbO <sub>2</sub> photoanode with photoelectric synergy effect for efficient photoelectrocatalytic degradation of reactive brilliant blue. <i>Journal of Materials Science</i> , <b>2021</b> , 56, 4741-4752  | 4.3  | 6         |
| 76 | Consecutive metal oxides with self-supported nanoarchitecture achieves highly stable and enhanced photoelectrocatalytic oxidation for water purification. <i>Journal of Solid State Electrochemistry</i> , <b>2021</b> , 25, 1083-1092  | 2.6  | 2         |
| 75 | Engineering Cationic Sulfur-Doped CoO Architectures with Exposing High-Reactive (112) Facets for Photoelectrocatalytic Water Purification. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 8405-8416  | 9.5  | 17        |
| 74 | Enhanced peroxymonosulfate activation on dual active sites of N vacancy modified g-CN under visible-light assistance and its selective removal of organic pollutants. <i>Science of the Total Environment</i> , <b>2021</b> , 756, 144139   | 10.2 | 26        |
| 73 | One-step in-situ synthesis of Bi-decorated BiOBr microspheres with abundant oxygen vacancies for enhanced photocatalytic nitrogen fixation properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 623, 126744  | 5.1  | 9         |
| 72 | Controllable Synthesis of MoS <sub>2</sub> /Carbon Nanotube Hybrids with Enlarged Interlayer Spacings for Efficient Electrocatalytic Hydrogen Evolution. <i>ChemistrySelect</i> , <b>2020</b> , 5, 13603-13608  | 1.8  | 3         |
| 71 | Highly Enhanced Photoelectrocatalytic Oxidation via Cooperative Effect of Neighboring Two Different Metal Oxides for Water Purification. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 11525-11535  | 3.8  | 11        |
| 70 | Fabrication and photoelectrocatalytic performance of C <sub>3</sub> N <sub>4</sub> -modified Ti/PbO <sub>2</sub> anode with surface hydrophobicity. <i>Journal of Solid State Electrochemistry</i> , <b>2020</b> , 24, 1577-1585  | 2.6  | 3         |

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|----|--|------|-----|
| 69 | Green and controllable synthesis of one-dimensional BiO/BiOI heterojunction for highly efficient visible-light-driven photocatalytic reduction of Cr(VI). <i>Chemosphere</i> , <b>2020</b> , 257, 127210   | 8.4  | 24  |
| 68 | In situ plasmonic Bi grown on I <sup>3+</sup> -doped Bi <sub>2</sub> WO <sub>6</sub> for enhanced visible-light-driven photocatalysis to mineralize diverse refractory organic pollutants. <i>Separation and Purification Technology</i> , <b>2020</b> , 250, 117119 | 8.3  | 19  |
| 67 | Bismuth-rich bismuth oxyiodide microspheres with abundant oxygen vacancies as an efficient photocatalyst for nitrogen fixation. <i>Dalton Transactions</i> , <b>2020</b> , 49, 9123-9129   | 4.3  | 23  |
| 66 | Molybdenum disulfide with enlarged interlayer spacing decorated on reduced graphene oxide for efficient electrocatalytic hydrogen evolution. <i>Journal of Materials Science</i> , <b>2020</b> , 55, 6637-6647   | 4.3  | 23  |
| 65 | Flexible Carboxylated CNT/PA66 Nanofibrous Mat Interleaved Carbon Fiber/Epoxy Laminates with Improved Interlaminar Fracture Toughness and Flexural Properties. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2020</b> , 59, 1151-1158                  | 3.9  | 15  |
| 64 | Synthesis of plasmonic bismuth metal deposited InVO <sub>4</sub> nanosheets for enhancing solar light-driven photocatalytic nitrogen fixation. <i>Sustainable Energy and Fuels</i> , <b>2020</b> , 4, 1855-1862  | 5.8  | 24  |
| 63 | Activation of peroxymonosulfate by CoFeO loaded on metal-organic framework for the degradation of organic dye. <i>Chemosphere</i> , <b>2020</b> , 241, 125021  | 8.4  | 45  |
| 62 | Enhanced activation of peroxymonosulfate by nitrogen-doped graphene/TiO <sub>2</sub> under photo-assistance for organic pollutants degradation: Insight into N doping mechanism. <i>Chemosphere</i> , <b>2020</b> , 244, 125526                                      | 8.4  | 20  |
| 61 | Fabrication of Ti/black TiO <sub>2</sub> -PbO <sub>2</sub> micro/nanostructures with tunable hydrophobic/hydrophilic characteristics and their photoelectrocatalytic performance. <i>Journal of Solid State Electrochemistry</i> , <b>2020</b> , 24, 375-387         | 2.6  | 9   |
| 60 | Bi doping into Ti/Co <sub>3</sub> O <sub>4</sub> NWs (nanowires) for improved photoelectrochemical decolorization of dyeing wastewater (reactive brilliant blue KN-R). <i>Journal of Materials Science: Materials in Electronics</i> , <b>2020</b> , 31, 9504-9513   | 2.1  | 1   |
| 59 | In situ fabrication of self-assembled BiOBr <sub>x</sub> I <sub>1-x</sub> coated on carbon nanofibers for efficient solar light-driven photocatalytic nitrogen fixation. <i>Sustainable Energy and Fuels</i> , <b>2020</b> , 4, 6196-6202                            | 5.8  | 5   |
| 58 | Novel visible-light irradiation niobium-doped BiOBr microspheres with enhanced photocatalytic performance. <i>Journal of Materials Science</i> , <b>2020</b> , 55, 16522-16532   | 4.3  | 5   |
| 57 | Study on the fabrication and photoelectrochemical performance of the F <sup>3+</sup> -doped Ti/Co <sub>3</sub> O <sub>4</sub> electrodes with n-type semiconductor characteristics. <i>Journal of Solid State Electrochemistry</i> , <b>2019</b> , 23, 1767-1777     | 2.6  | 10  |
| 56 | Bi-modified 3D BiOBr microsphere with oxygen vacancies for efficient visible-light photocatalytic performance. <i>Journal of Materials Science</i> , <b>2019</b> , 54, 9397-9413   | 4.3  | 34  |
| 55 | Improved Electrical and Mechanical Properties for the Reduced Graphene Oxide-Decorated Polymer Nanofiber Composite with a Core-Shell Structure. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2019</b> , 58, 15470-15478                               | 3.9  | 22  |
| 54 | Indium sulfide nanotubes with sulfur vacancies as an efficient photocatalyst for nitrogen fixation.. <i>RSC Advances</i> , <b>2019</b> , 9, 21646-21652  | 3.7  | 25  |
| 53 | Fabrication of In <sub>2</sub> O <sub>3</sub> /In <sub>2</sub> S <sub>3</sub> microsphere heterostructures for efficient and stable photocatalytic nitrogen fixation. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 257, 117932                          | 21.8 | 105 |
| 52 | Conductive graphite nanoplatelets (GNPs)/polyethersulfone (PES) composites with inter-connective porous structure for chemical vapor sensing. <i>Composites Science and Technology</i> , <b>2019</b> , 184, 107883   | 8.6  | 8   |

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| 51 | Fabrication of PbO <sub>2</sub> tipped Co <sub>3</sub> O <sub>4</sub> nanowires for efficient photoelectrochemical decolorization of dye (reactive brilliant blue KN-R) wastewater. <i>Solar Energy Materials and Solar Cells</i> , <b>2019</b> , 191, 381-388 | 6.4  | 34 |
| 50 | Graphitic Carbon Nitride with Carbon Vacancies for Photocatalytic Degradation of Bisphenol A. <i>ACS Applied Nano Materials</i> , <b>2019</b> , 2, 517-524   | 5.6  | 46 |
| 49 | Enhancement of the electrocatalytic oxidation of dyeing wastewater (reactive brilliant blue KN-R) over the Ce-modified Ti-PbO <sub>2</sub> electrode with surface hydrophobicity. <i>Journal of Solid State Electrochemistry</i> , <b>2019</b> , 23, 847-859   | 2.6  | 24 |
| 48 | Carbon quantum dots decorated BiVO <sub>4</sub> quantum tube with enhanced photocatalytic performance for efficient degradation of organic pollutants under visible and near-infrared light. <i>Journal of Materials Science</i> , <b>2019</b> , 54, 6488-6499 | 4.3  | 20 |
| 47 | Ag nanoparticles deposited on oxygen-vacancy-containing BiVO <sub>4</sub> for enhanced near-infrared photocatalytic activity. <i>Chinese Journal of Catalysis</i> , <b>2018</b> , 39, 128-137  | 11.3 | 17 |
| 46 | Efficient solar-driven conversion of nitrogen to ammonia in pure water hydrogenated bismuth oxybromide.. <i>RSC Advances</i> , <b>2018</b> , 8, 21871-21878  | 3.7  | 25 |
| 45 | Photoelectrocatalytic performance of conductive carbon black-modified Ti/F-PbO <sub>2</sub> anode for degradation of dye wastewater (reactive brilliant blue KN-R). <i>Journal of Solid State Electrochemistry</i> , <b>2018</b> , 22, 1131-1141               | 2.6  | 19 |
| 44 | Polyvinylidene fluoride effects on the electrocatalytic properties of air cathodes in microbial fuel cells. <i>Bioelectrochemistry</i> , <b>2018</b> , 120, 138-144  | 5.6  | 7  |
| 43 | Black TiO nanotube arrays fabricated by electrochemical self-doping and their photoelectrochemical performance.. <i>RSC Advances</i> , <b>2018</b> , 8, 18992-19000  | 3.7  | 16 |
| 42 | Preparation and Photoelectrocatalytic Performance of Ti/PbO <sub>2</sub> Electrodes Modified with Ti <sub>4</sub> O <sub>7</sub> . <i>ChemistrySelect</i> , <b>2018</b> , 3, 5098-5105   | 1.8  | 3  |
| 41 | Synthesis of a BiOCl Br @AgBr heterostructure with enhanced photocatalytic activity under visible light.. <i>RSC Advances</i> , <b>2018</b> , 8, 16513-16520   | 3.7  | 10 |
| 40 | Incorporation of graphene nanodots and oxygen defects triggers robust coupling between solar energy and reactive oxygen. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 5426-5435  | 13   | 9  |
| 39 | Synthesis of a hydrophilic Sulfur/PDA composite as a metal-free photocatalyst with enhanced photocatalytic performance under visible light. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2017</b> , 54, 334-338                  | 2.2  | 6  |
| 38 | Efficient photocatalytic dye degradation over Er-doped BiOBr hollow microspheres wrapped with graphene nanosheets: enhanced solar energy harvesting and charge separation. <i>RSC Advances</i> , <b>2017</b> , 7, 22415-22423                                  | 3.7  | 34 |
| 37 | Interfacial defect engineering over fusiform bismuth vanadate photocatalyst enables to excellent solar-to-chemical energy coupling. <i>RSC Advances</i> , <b>2017</b> , 7, 26717-26721   | 3.7  | 15 |
| 36 | Mesoporous Bi <sub>2</sub> WO <sub>6</sub> sheets synthesized via a sol-gel freeze-drying method with excellent photocatalytic performance. <i>Journal of Sol-Gel Science and Technology</i> , <b>2017</b> , 82, 101-108                                       | 2.3  | 9  |
| 35 | The controllable fabrication of a novel hierarchical nanosheet-assembled Bi <sub>2</sub> MoO <sub>6</sub> hollow micronbox with ultra-high surface area for excellent solar to chemical energy conversion. <i>RSC Advances</i> , <b>2017</b> , 7, 50040-50043  | 3.7  | 11 |
| 34 | A novel supramolecular preorganization route for improving g-C <sub>3</sub> N <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> metal-free homojunction photocatalysis. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 11872-11880                            | 3.6  | 20 |

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| 33 | Fabrication and photo-electrocatalytic activity of black TiO <sub>2</sub> embedded Ti/PbO <sub>2</sub> electrode. <i>Journal of Applied Electrochemistry</i> , <b>2017</b> , 47, 1045-1056  | 2.6 | 9  |
| 32 | Synthesis and catalytic performance of hierarchical TiO <sub>2</sub> hollow sphere/reduced graphene oxide hybrid nanostructures. <i>Journal of Alloys and Compounds</i> , <b>2016</b> , 656, 181-188  | 5.7 | 16 |
| 31 | Ultrathin-nanosheet-assembled Bi <sub>2</sub> MoO <sub>6</sub> mesoporous hollow framework for realizing optimized sunlight-driven photocatalytic water oxidation. <i>RSC Advances</i> , <b>2016</b> , 6, 102155-102158   | 3.7 | 9  |
| 30 | Hydrogenated Bismuth Molybdate Nanoframe for Efficient Sunlight-Driven Nitrogen Fixation from Air. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 18722-18728  | 4.8 | 73 |
| 29 | Controllable self-assembly of a novel Bi <sub>2</sub> MoO <sub>6</sub> -based hybrid photocatalyst: excellent photocatalytic activity under UV, visible and near-infrared irradiation. <i>Chemical Communications</i> , <b>2016</b> , 52, 6525-8  | 5.8 | 57 |
| 28 | Preparation, Characterization and Photocatalytic Properties of BiPO <sub>4</sub> Decorated with Ag/AgBr. <i>Journal of Chemical Engineering of Japan</i> , <b>2016</b> , 49, 366-371  | 0.8 | 3  |
| 27 | The Role of Graphene Oxide in Ag <sub>3</sub> PO <sub>4</sub> /graphene Oxide Composites for Enhanced Visible-light-driven Photocatalytic Ability. <i>Journal of Advanced Oxidation Technologies</i> , <b>2016</b> , 19,  |     | 3  |
| 26 | Towards understanding the photocatalytic activity enhancement of ordered mesoporous Bi <sub>2</sub> MoO <sub>6</sub> crystals prepared via a novel vacuum-assisted nanocasting method. <i>RSC Advances</i> , <b>2016</b> , 6, 35709-35718   | 3.7 | 19 |
| 25 | Influence of Bi <sub>2</sub> MoO <sub>6</sub> decoration on the structure and photo-reactivity of (BiO) <sub>2</sub> CO <sub>3</sub> photocatalyst. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2016</b> , 27, 4598-4606   | 2.1 | 3  |
| 24 | Controllable electrostatic self-assembly of sub-3 nm graphene quantum dots incorporated into mesoporous Bi <sub>2</sub> MoO <sub>6</sub> frameworks: efficient physical and chemical simultaneous co-catalysis for photocatalytic oxidation. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 8298-8307 | 13  | 66 |
| 23 | Study of the sulfurized (BiO) <sub>2</sub> CO <sub>3</sub> as efficient visible-light induced photocatalyst. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2015</b> , 26, 7882-7888  | 2.1 | 8  |
| 22 | Preparation of Bi <sub>2</sub> O <sub>3</sub> /g-C <sub>3</sub> N <sub>4</sub> nanosheet p-n junction for enhanced photocatalytic ability under visible light illumination. <i>Journal of Nanoparticle Research</i> , <b>2015</b> , 17, 1   | 2.3 | 26 |
| 21 | Synthesis and enhanced photoreactivity of metallic Bi-decorated BiOBr composites with abundant oxygen vacancies. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2015</b> , 26, 10002-10011  | 2.1 | 17 |
| 20 | Improved photocatalytic reactivity of ZnO photocatalysts decorated with Ni and their magnetic recoverability. <i>Journal of Materials Research</i> , <b>2015</b> , 30, 1902-1913  | 2.5 | 6  |
| 19 | Preparation of BiOBr by solvothermal routes with different solvents and their photocatalytic activity. <i>Journal of Renewable and Sustainable Energy</i> , <b>2015</b> , 7, 063120   | 2.5 | 11 |
| 18 | Improved Visible Light Photocatalytic Activity for TiO <sub>2</sub> Nanomaterials by Codoping with Zinc and Sulfur. <i>Journal of Nanomaterials</i> , <b>2015</b> , 2015, 1-8   | 3.2 | 5  |
| 17 | Ultra-thin C <sub>3</sub> N <sub>4</sub> nanosheets for rapid charge transfer in the core-shell heterojunction of Sulfur@C <sub>3</sub> N <sub>4</sub> for superior metal-free photocatalysis under visible light. <i>RSC Advances</i> , <b>2015</b> , 5, 15052-15058   | 3.7 | 35 |
| 16 | Construction of Au@TiO <sub>2</sub> /graphene nanocomposites with plasmonic effect and super adsorption ability for enhanced visible-light-driven photocatalytic organic pollutant degradation. <i>Journal of Nanoparticle Research</i> , <b>2014</b> , 16, 1   | 2.3 | 16 |

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| 15 | Multilayered TiO <sub>2</sub> @SnO <sub>2</sub> hollow nanostructures: facile synthesis and enhanced photocatalytic performance. <i>RSC Advances</i> , <b>2014</b> , 4, 59503-59507   | 3.7  | 7  |
| 14 | Photonic crystal coupled porous BiVO <sub>4</sub> hybrid for efficient photocatalysis under visible light irradiation. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 17366-17370   | 13   | 21 |
| 13 | Bi-doped TiO <sub>2</sub> with Remarkably Enhanced Photocatalytic Activity Under Simulated Sunlight Induced by Increased Hydrophilicity and Light Absorption Ability. <i>Journal of Advanced Oxidation Technologies</i> , <b>2014</b> , 17, |      | 1  |
| 12 | Preparation of Mesoporous BiVO <sub>4</sub> for Efficient Photocatalytic Degradation of RhB Under Illuminated Visible Light. <i>Journal of Advanced Oxidation Technologies</i> , <b>2014</b> , 17,  |      | 2  |
| 11 | Preparation of Ni Doped ZnO-TiO <sub>2</sub> Composites and Their Enhanced Photocatalytic Activity. <i>International Journal of Photoenergy</i> , <b>2014</b> , 2014, 1-8   | 2.1  | 7  |
| 10 | Controllable Fabrication of Ordered Mesoporous Bi <sub>2</sub> WO <sub>6</sub> and Its High Photocatalytic Activity under Visible Light. <i>International Journal of Photoenergy</i> , <b>2014</b> , 2014, 1-7                              | 2.1  | 1  |
| 9  | The p-n heterojunction with porous BiVO <sub>4</sub> framework and well-distributed Co <sub>3</sub> O <sub>4</sub> as a super visible-light-driven photocatalyst. <i>RSC Advances</i> , <b>2014</b> , 4, 54655-54661                        | 3.7  | 8  |
| 8  | Synthesis and properties of magnetically separable Fe <sub>3</sub> O <sub>4</sub> /TiO <sub>2</sub> /Bi <sub>2</sub> O <sub>3</sub> photocatalysts. <i>Research on Chemical Intermediates</i> , <b>2014</b> , 40, 2953-2961                 | 2.8  | 19 |
| 7  | Highly ordered mesoporous BiVO <sub>4</sub> : Controllable ordering degree and super photocatalytic ability under visible light. <i>Microporous and Mesoporous Materials</i> , <b>2013</b> , 173, 175-180                                   | 5.3  | 39 |
| 6  | Structuring porous "sponge-like" BiVO <sub>4</sub> film for efficient photocatalysis under visible light illumination. <i>Journal of Colloid and Interface Science</i> , <b>2013</b> , 393, 126-9   | 9.3  | 15 |
| 5  | Synthesis, characterization and photocatalytic activity of Cu-doped Zn/ZnO photocatalyst with carbon modification. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 23780  |      | 45 |
| 4  | Synthesis of visible-light responsive Sn-SnO <sub>2</sub> /C photocatalyst by simple carbothermal reduction. <i>Energy and Environmental Science</i> , <b>2011</b> , 4, 3067  | 35.4 | 67 |
| 3  | Synthesis of Zeolite of Type A from Bentonite by Alkali Fusion Activation Using Na <sub>2</sub> CO <sub>3</sub> . <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2010</b> , 49, 454-458  | 3.9  | 33 |
| 2  | Ultrasonic synthesis and photocatalytic characterization of H <sub>3</sub> PW <sub>12</sub> O <sub>40</sub> /TiO <sub>2</sub> (anatase). <i>Ultrasonics Sonochemistry</i> , <b>2010</b> , 17, 649-53  | 8.9  | 11 |
| 1  | Facile construction of a hierarchical Bi@BiOBr/Bi <sub>2</sub> MoO <sub>6</sub> ternary heterojunction with abundant oxygen vacancies for excellent photocatalytic nitrogen fixation. <i>Sustainable Energy and Fuels</i> ,                 | 5.8  | 4  |