

Jianyu Gong

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,306
citations

279487

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344852

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times ranked

2007
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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Bi/mZVI Combined with Citric Acid and Sodium Citrate to Mineralize Multiple Sulfa Antibiotics: Performance and Mechanism. <i>Antibiotics</i> , 2022, 11, 51. | 1.5 | 1 |
| 2 | Insight into improved oxygen evolution reaction on electronic modulation of phosphorus doped NiCo ₂ O ₄ . <i>Materials Today Communications</i> , 2022, 31, 103708. | 0.9 | 7 |
| 3 | Trace amounts of palladium-doped hollow TiO ₂ nanosphere as highly efficient electrocatalyst for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 1923-1933. | 3.8 | 21 |
| 4 | Fabrication of novel Ag ₄ Bi ₂ O _{5-x} towards excellent photocatalytic oxidation of gaseous toluene under visible light irradiation. <i>Environmental Research</i> , 2021, 197, 111130. | 3.7 | 4 |
| 5 | Citrate iron complex induced dramatically enhanced oxidation of atrazine with bimetallic Bi/FeO: Reactivity, oxidation and mechanism. <i>Chemosphere</i> , 2021, 282, 131100. | 4.2 | 1 |
| 6 | Oxygen vacancies enhanced photocatalytic activity towards VOCs oxidation over Pt deposited Bi ₂ WO ₆ under visible light. <i>Journal of Hazardous Materials</i> , 2020, 384, 121478. | 6.5 | 75 |
| 7 | Synergistic utilization of inherent halides and alcohols in hydraulic fracturing wastewater for radical-based treatment: A case study of di-(2-ethylhexyl) phthalate removal. <i>Journal of Hazardous Materials</i> , 2020, 384, 121321. | 6.5 | 16 |
| 8 | Enhanced Electrochemical Reduction of N ₂ to Ammonia over Pyrite FeS ₂ with Excellent Selectivity. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 10572-10580. | 3.2 | 48 |
| 9 | Photocatalytic production of dihydroxyacetone from glycerol on TiO ₂ in acetonitrile. <i>RSC Advances</i> , 2020, 10, 4956-4968. | 1.7 | 11 |
| 10 | The roles of suspended solids in persulfate/Fe ²⁺ treatment of hydraulic fracturing wastewater: Synergistic interplay of inherent wastewater components. <i>Chemical Engineering Journal</i> , 2020, 388, 124243. | 6.6 | 29 |
| 11 | Enhanced oxidative activity of zero-valent iron by citric acid complexation. <i>Chemical Engineering Journal</i> , 2019, 373, 891-901. | 6.6 | 37 |
| 12 | Novel visible light enhanced Pyrite-Fenton system toward ultrarapid oxidation of p-nitrophenol: Catalytic activity, characterization and mechanism. <i>Chemosphere</i> , 2019, 228, 232-240. | 4.2 | 55 |
| 13 | Highly Active Sb ₂ S ₃ -Attached MoS ₂ /WO ₃ Composite Film for Enhanced Photoelectrocatalytic Water Splitting at Extremely Low Input Light Energy. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 9172-9181. | 3.2 | 21 |
| 14 | Insight into Different Mechanisms for Oxidation of Liquid and Gaseous Pollutants by Bi ³⁺ /NaBiO ₃ with or without Visible Light Illumination. <i>ChemCatChem</i> , 2019, 11, 2320-2328. | 1.8 | 9 |
| 15 | Influence of yolk-shell Au@TiO ₂ structure induced photocatalytic activity towards gaseous pollutant degradation under visible light. <i>Applied Catalysis B: Environmental</i> , 2019, 251, 57-65. | 10.8 | 89 |
| 16 | Photosensitized diastereoisomer-specific degradation of hexabromocyclododecane (HBCD) in the presence of humic acid in aquatic systems. <i>Journal of Hazardous Materials</i> , 2019, 369, 171-179. | 6.5 | 15 |
| 17 | Synthesis of BiVO ₄ /WO ₃ composite film for highly efficient visible light induced photoelectrocatalytic oxidation of norfloxacin. <i>Journal of Alloys and Compounds</i> , 2019, 787, 284-294. | 2.8 | 38 |
| 18 | Zerovalent-Iron/Platinum Janus Micromotors with Spatially Separated Functionalities for Efficient Water Decontamination. <i>ACS Applied Nano Materials</i> , 2018, 1, 768-776. | 2.4 | 32 |

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|----|--|------|-----------|
| 19 | Ligand-Assisted Sequential Redox Degradation of Tetrabromobisphenol A Using Bimetallic Zero-Valent Iron Nanoparticles. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 17329-17337. | 1.8 | 12 |
| 20 | Facile synthesis of Pt assisted Bi-Bi ₂ WO ₆ with oxygen vacancies for the improved photocatalytic activity under visible light. <i>Applied Surface Science</i> , 2018, 459, 363-375. | 3.1 | 30 |
| 21 | Synthesis of Z-scheme g-C ₃ N ₄ /Ag/Ag ₃ PO ₄ composite for enhanced photocatalytic degradation of phenol and selective oxidation of gaseous isopropanol. <i>Materials Research Bulletin</i> , 2018, 107, 407-415. | 2.7 | 58 |
| 22 | Molybdenum-Tungsten Mixed Oxide Deposited into Titanium Dioxide Nanotube Arrays for Ultrahigh Rate Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 18699-18709. | 4.0 | 30 |
| 23 | The promoting role of bismuth for the enhanced photocatalytic oxidation of lignin on Pt-TiO ₂ under solar light illumination. <i>Applied Catalysis B: Environmental</i> , 2017, 204, 296-303. | 10.8 | 80 |
| 24 | Self-Generation of Reactive Oxygen Species on Crystalline AgBiO ₃ for the Oxidative Remediation of Organic Pollutants. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 28426-28432. | 4.0 | 49 |
| 25 | Enhancing the reactivity of bimetallic Bi/Fe ₀ by citric acid for remediation of polluted water. <i>Journal of Hazardous Materials</i> , 2016, 310, 135-142. | 6.5 | 34 |
| 26 | Novel self-assembled bimetallic structure of Bi/Fe ₀ : The oxidative and reductive degradation of hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX). <i>Journal of Hazardous Materials</i> , 2015, 286, 107-117. | 6.5 | 31 |
| 27 | A novel self-assembling nanoparticle of Ag-Bi with high reactive efficiency. <i>Chemical Communications</i> , 2014, 50, 8597-8600. | 2.2 | 11 |
| 28 | Fabrication of novel oxygen-releasing alginate beads as an efficient oxygen carrier for the enhancement of aerobic bioremediation of 1,4-dioxane contaminated groundwater. <i>Bioresource Technology</i> , 2014, 171, 59-65. | 4.8 | 58 |
| 29 | Origin of photocatalytic activity of W/N-codoped TiO ₂ : H ₂ production and DFT calculation with CGA+U. <i>Applied Catalysis B: Environmental</i> , 2014, 152-153, 73-81. | 10.8 | 43 |
| 30 | Carboxymethyl cellulose coating decreases toxicity and oxidizing capacity of nanoscale zerovalent iron. <i>Chemosphere</i> , 2014, 104, 155-161. | 4.2 | 85 |
| 31 | Simulation of the performance of aerobic granular sludge SBR using modified ASM3 model. <i>Bioresource Technology</i> , 2013, 127, 473-481. | 4.8 | 39 |
| 32 | Novel one-step preparation of tungsten loaded TiO ₂ nanotube arrays with enhanced photoelectrocatalytic activity for pollutant degradation and hydrogen production. <i>Catalysis Communications</i> , 2013, 36, 89-93. | 1.6 | 58 |
| 33 | Tungsten and nitrogen co-doped TiO ₂ electrode sensitized with Fe-chlorophyllin for visible light photoelectrocatalysis. <i>Chemical Engineering Journal</i> , 2012, 209, 94-101. | 6.6 | 42 |
| 34 | A simple electrochemical oxidation method to prepare highly ordered Cr-doped titania nanotube arrays with promoted photoelectrochemical property. <i>Electrochimica Acta</i> , 2012, 68, 178-183. | 2.6 | 31 |
| 35 | Liquid phase deposition of tungsten doped TiO ₂ films for visible light photoelectrocatalytic degradation of dodecyl-benzenesulfonate. <i>Chemical Engineering Journal</i> , 2011, 167, 190-197. | 6.6 | 92 |
| 36 | Liquid phase deposition of mesoporous TiO ₂ /DNA hybrid film: Characterization and photoelectrochemical investigation. <i>Electrochimica Acta</i> , 2010, 55, 3614-3620. | 2.6 | 14 |