Chunming Yang

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Synergistic mechanism of Ni(OH)2/NiMoS heterostructure electrocatalyst with crystalline/amorphous interfaces for efficient hydrogen evolution over all pH ranges. Journal of Colloid and Interface Science, 2022, 606, 1004-1013. | 9.4 | 15 |
| 2 | Tailoring Competitive Adsorption Sites by Oxygenâ€Vacancy on Cobalt Oxides to Enhance the Electrooxidation of Biomass. Advanced Materials, 2022, 34, e2107185. | 21.0 | 162 |
| 3 | In-Situ Construction of 2D/2D CuCo2S4/Bi2WO6 contact heterojunction as a visible-light-driven fenton-like catalyst with highly efficient charge transfer for highly efficient degradation of tetracycline hydrochloride. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 634. 127965. | 4.7 | 14 |
| 4 | Mechanical and nonlinear optical properties of two-dimensional LiXY2 (X=Al, Ga, In; Y S, Se, Te) monolayers. Physica B: Condensed Matter, 2022, 626, 413531. | 2.7 | 3 |
| 5 | Large-scale synthetic Mo@(2H-1T)-MoSe2 monolithic electrode for efficient hydrogen evolution in all pH scale ranges and seawater. Applied Catalysis B: Environmental, 2022, 304, 120993. | 20.2 | 54 |
| 6 | Interfacial interaction between NiMoP and NiFe-LDH to regulate the electronic structure toward high-efficiency electrocatalytic oxygen evolution reaction. International Journal of Hydrogen Energy, 2022, 47, 9230-9238. | 7.1 | 48 |
| 7 | Nanoarchitectonics of CdS/ZnSnO3 heterostructures for Z-Scheme mediated directional transfer of photo-generated charges with enhanced photocatalytic performance. International Journal of Hydrogen Energy, 2022, 47, 9566-9578. | 7.1 | 28 |
| 8 | Synergism of carbon quantum dots and Au nanoparticles with Bi ₂ MoO ₆ for activity enhanced photocatalytic oxidative degradation of phenol. RSC Advances, 2021, 11, 28674-28684. | 3.6 | 6 |
| 9 | Electronic and structural engineering of NiCo2O4/Ti electrocatalysts for efficient oxygen evolution reaction. International Journal of Hydrogen Energy, 2021, 46, 10259-10267. | 7.1 | 20 |
| 10 | Defect Engineering on CeO ₂ â€Based Catalysts for Heterogeneous Catalytic Applications. Small Structures, 2021, 2, 2100058. | 12.0 | 94 |
| 11 | Recent Progress and Prospective of Nickel Selenide-Based Electrocatalysts for Water Splitting. Energy & Fuels, 2021, 35, 14283-14303. | 5.1 | 32 |
| 12 | Refining d-band center in Ni0.85Se by Mo doping: A strategy for boosting hydrogen generation via coupling electrocatalytic oxidation 5-hydroxymethylfurfural. Chemical Engineering Journal, 2021, 422, 130125. | 12.7 | 89 |
| 13 | Advanced Cathode Electrocatalysts for Fuel Cells: Understanding, Construction, and Application of Carbon-Based and Platinum-Based Nanomaterials. , 2021, 3, 1610-1634. | | 26 |
| 14 | Photocatalytic performance and mechanism insights of a S-scheme g-C ₃ N ₄ /Bi ₂ MoO ₆ heterostructure in phenol degradation and hydrogen evolution reactions under visible light. Physical Chemistry Chemical Physics, 2020, 22, 26278-26288. | 2.8 | 55 |
| 15 | Interface engineering of NiV-LDH@FeOOH heterostructures as high-performance electrocatalysts for oxygen evolution reaction in alkaline conditions. Chemical Communications, 2020, 56, 9360-9363. | 4.1 | 39 |
| 16 | 3D Metallic Ti@Ni _{0.85} Se with Triple Hierarchy as Highâ€Efficiency Electrocatalyst for Overall Water Splitting. ChemSusChem, 2019, 12, 2271-2277. | 6.8 | 22 |
| 17 | Controlled formation of a flower-like CdWO ₄ –BiOCl–Bi ₂ WO ₆ ternary hybrid photocatalyst with enhanced photocatalytic activity through one-pot hydrothermal reaction. New Journal of Chemistry, 2018, 42, 9236-9243. | 2.8 | 16 |
| 18 | Size and morphology-controlled synthesis of vernier yttrium oxyfluoride towards enhanced photoluminescence and white light emission. New Journal of Chemistry, 2018, 42, 11351-11357. | 2.8 | 4 |

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| 19 | Surface oxygen vacancy induced solar light activity enhancement of a CdWO ₄ /Bi ₂ O ₂ CO ₃ core–shell heterostructure photocatalyst. Physical Chemistry Chemical Physics, 2017, 19, 14431-14441. | 2.8 | 24 |
| 20 | Two-step hydrothermal synthesis of novel hierarchical Co 3 O 4 /Bi 2 O 2 CO 3 p - n heterojunction composite photocatalyst with enhanced visible light photocatalytic activity. Applied Surface Science, 2017, 400, 365-374. | 6.1 | 39 |
| 21 | Surfactant assisted synthesis of the YVO4:Ln3+ (Ln = Eu, Dy, Sm) phosphors and shape-dependent luminescence properties. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 502, 139-146. | 4.7 | 21 |