

Xiaoxia Wang

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,857
citations

361413

20
h-index

361022

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35
all docs

35
docs citations

35
times ranked

2134
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Preparation of hierarchical core-shell C@NiCo ₂ O ₄ @Fe ₃ O ₄ composites for enhanced microwave absorption performance. <i>Chemical Engineering Journal</i> , 2017, 314, 477-487. | 12.7 | 264 |
| 2 | Hierarchical coral-like NiMoS nano hybrids as highly efficient bifunctional electrocatalysts for overall urea electrolysis. <i>Nano Research</i> , 2018, 11, 988-996. | 10.4 | 236 |
| 3 | Rapid and direct growth of bipyramid TiO ₂ from Ti ₃ C ₂ T _x MXene to prepare Ni/TiO ₂ /C heterogeneous composites for high-performance microwave absorption. <i>Chemical Engineering Journal</i> , 2020, 383, 123095. | 12.7 | 143 |
| 4 | Fabrication of porous graphene-Fe ₃ O ₄ hybrid composites with outstanding microwave absorption performance. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 95, 237-247. | 7.6 | 110 |
| 5 | A novel multi-cavity structured MOF derivative/porous graphene hybrid for high performance microwave absorption. <i>Carbon</i> , 2021, 176, 279-289. | 10.3 | 103 |
| 6 | Evaluating the potential for sustaining mainstream anammox by endogenous partial denitrification and phosphorus removal for energy-efficient wastewater treatment. <i>Bioresource Technology</i> , 2019, 284, 302-314. | 9.6 | 93 |
| 7 | Simultaneous Synthesis of WO ₃ Quantum Dots and Bundle-Like Nanowires Using a One-Pot Template-Free Solvothermal Strategy and Their Versatile Applications. <i>Small</i> , 2017, 13, 1603689. | 10.0 | 85 |
| 8 | Super-light Cu@Ni nanowires/graphene oxide composites for significantly enhanced microwave absorption performance. <i>Scientific Reports</i> , 2017, 7, 1584. | 3.3 | 79 |
| 9 | Solvent-regulated preparation of well-intercalated Ti ₃ C ₂ T _x MXene nanosheets and application for highly effective electromagnetic wave absorption. <i>Nanotechnology</i> , 2018, 29, 355201. | 2.6 | 62 |
| 10 | Ultra-efficient electromagnetic wave absorption with ethanol-thermally treated two-dimensional Nb ₂ CT _x nanosheets. <i>Journal of Colloid and Interface Science</i> , 2019, 537, 306-315. | 9.4 | 61 |
| 11 | 2D MoS ₂ /graphene composites with excellent full Ku band microwave absorption. <i>RSC Advances</i> , 2016, 6, 106187-106193. | 3.6 | 60 |
| 12 | Characteristics and source distribution of air pollution in winter in Qingdao, eastern China. <i>Environmental Pollution</i> , 2017, 224, 44-53. | 7.5 | 55 |
| 13 | Nb ₂ O ₅ /Nb ₂ CT _x composites with different morphologies through oxidation of Nb ₂ CT _x MXene for high-performance microwave absorption. <i>Journal of Alloys and Compounds</i> , 2020, 843, 155713. | 5.5 | 50 |
| 14 | The bismuth architecture assembled by nanotubes used as highly efficient electrocatalyst for CO ₂ reduction to formate. <i>Chemical Engineering Journal</i> , 2021, 421, 129606. | 12.7 | 42 |
| 15 | Direct generation of Ag nanoclusters on reduced graphene oxide nanosheets for efficient catalysis, antibacteria and photothermal anticancer applications. <i>Journal of Colloid and Interface Science</i> , 2018, 529, 444-451. | 9.4 | 40 |
| 16 | Comparison of nitrite accumulation performance and microbial community structure in endogenous partial denitrification process with acetate and glucose served as carbon source. <i>Bioresource Technology</i> , 2021, 320, 124405. | 9.6 | 40 |
| 17 | Achieving deep-level nutrient removal via combined denitrifying phosphorus removal and simultaneous partial nitrification-endogenous denitrification process in a single-sludge sequencing batch reactor. <i>Bioresource Technology</i> , 2019, 289, 121690. | 9.6 | 37 |
| 18 | Facile Preparation of Snowflake-Like MnO ₂ @NiCo ₂ O ₄ Composites for Highly Efficient Electromagnetic Wave Absorption. <i>Chemistry - A European Journal</i> , 2019, 25, 7695-7701. | 3.3 | 35 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Achieving simultaneous nitrification, anammox and denitrification (SNAD) in an integrated fixed-biofilm activated sludge (IFAS) reactor: Quickly culturing self-generated anammox bacteria. <i>Science of the Total Environment</i> , 2021, 768, 144446. | 8.0 | 25 |
| 20 | Development of novel denitrifying nitrite accumulation and phosphorus removal (DNAPR) process for offering an alternative pretreatment to achieve mainstream Anammox. <i>Bioresource Technology</i> , 2021, 319, 124164. | 9.6 | 23 |
| 21 | Culturing partial denitrification biofilm in side stream incubator with ordinary activated sludge as inoculum: One step closer to mainstream Anammox upgrade. <i>Bioresource Technology</i> , 2022, 347, 126679. | 9.6 | 22 |
| 22 | Nickel-Borate/Reduced Graphene Oxide Nanohybrid: A Robust and Efficient Electrocatalyst for Oxygen Evolution Reaction in Alkaline and Near Neutral Media. <i>ChemCatChem</i> , 2018, 10, 2826-2832. | 3.7 | 21 |
| 23 | Feasibility of reinforced post-endogenous denitrification coupling with synchronous nitrification, denitrification and phosphorus removal for high-nitrate sewage treatment using limited carbon source in municipal wastewater. <i>Chemosphere</i> , 2021, 269, 128687. | 8.2 | 20 |
| 24 | Performance and microbial structure of partial denitrification in response to salt stress: Achieving stable nitrite accumulation with municipal wastewater. <i>Bioresource Technology</i> , 2020, 311, 123559. | 9.6 | 20 |
| 25 | Unexpected phosphorous removal in a <i>Candidatus_Cometibacter</i> and <i>DeFluviicoccus</i> dominated reactor. <i>Bioresource Technology</i> , 2022, 345, 126540. | 9.6 | 20 |
| 26 | Controlled growth of Cu-Ni nanowires and nanospheres for enhanced microwave absorption properties. <i>Nanotechnology</i> , 2016, 27, 125602. | 2.6 | 17 |
| 27 | Novel aerobic granular sludge culture strategy: Using granular sludge Anammox process effluent as a biocatalyst. <i>Bioresource Technology</i> , 2019, 294, 122156. | 9.6 | 17 |
| 28 | Molybdenum Disulfide Quantum Dots Prepared by Bipolar-Electrode Electrochemical Scissoring. <i>Nanomaterials</i> , 2019, 9, 906. | 4.1 | 15 |
| 29 | Wafer-scale fabrication of a Cu/graphene double-nanocap array for surface-enhanced Raman scattering substrates. <i>Chemical Communications</i> , 2017, 53, 3273-3276. | 4.1 | 14 |
| 30 | Cation vacancy driven efficient CoFe-LDH-based electrocatalysts for water splitting and Zn-air batteries. <i>Materials Advances</i> , 2021, 2, 7932-7938. | 5.4 | 13 |
| 31 | Enhanced microwave absorption capacity of hierarchical structural MnO ₂ @NiMoO ₄ composites. <i>RSC Advances</i> , 2016, 6, 36484-36490. | 3.6 | 9 |
| 32 | A rational construction of TiO ₂ /N-doped Carbon/NiMoO ₄ composites with multidimensional structure towards strong microwave absorption. <i>Journal of Alloys and Compounds</i> , 2022, 903, 163936. | 5.5 | 9 |
| 33 | Electrostatic Interaction in Amino Protonated Chitosan-Metal Complex Anion Hydrogels: A Simple Approach to Porous Metal Carbides/N-Doped Carbon Aerogels for Energy Conversion. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 22151-22160. | 8.0 | 9 |
| 34 | Microbial analysis and enrichment of anaerobic phenol and <i>p</i> -cresol degrading consortia with addition of AQDS. <i>Water Science and Technology</i> , 2021, 84, 683-696. | 2.5 | 5 |
| 35 | Ni Nanoparticles on Ultrathin Mo ₂ C Interconnected Nanonet: An Efficient 3D Hydrogen-Evolving Electrocatalyst with Superior Durability. <i>Journal of the Electrochemical Society</i> , 2019, 166, F1128-F1133. | 2.9 | 3 |