

Yusheng Niu

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

867
citations

687363

13
h-index

794594

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19
all docs

19
docs citations

19
times ranked

1274
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of a Cascaded Nanozyme in Infected Wound Recovery of Diabetic Mice. ACS Biomaterials Science and Engineering, 2022, 8, 1522-1531.	5.2	13
2	Silver nanoparticles with vanadium oxide nanowires loaded into electrospun dressings for efficient healing of bacterium-infected wounds. Journal of Colloid and Interface Science, 2022, 622, 117-125.	9.4	15
3	Two-dimensional transition metal dichalcogenides for electrocatalytic nitrogen fixation to ammonia: Advances, challenges and perspectives. A mini review. Electrochemistry Communications, 2021, 125, 107002.	4.7	14
4	To Love and to Kill: Accurate and Selective Colorimetry for Both Chloride and Mercury Ions Regulated by Electro-Synthesized Oxidase-like SnTe Nanobelts. Analytical Chemistry, 2021, 93, 10132-10140.	6.5	16
5	Preparation and application of Silica Quantum Dots using palygorskite as silicon source. Applied Clay Science, 2021, 211, 106132.	5.2	2
6	Environmental molybdate monitoring based on vanadium oxide quantum dots-derived fluorescent strategy. Microchemical Journal, 2021, 170, 106702.	4.5	3
7	Bienzymatic synergism of vanadium oxide nanodots to efficiently eradicate drug-resistant bacteria during wound healing in vivo. Journal of Colloid and Interface Science, 2020, 559, 313-323.	9.4	58
8	Sulfur doped molybdenum oxide quantum dots as efficient fluorescent labels and bacteriostatic. Inorganic Chemistry Communication, 2020, 122, 108275.	3.9	9
9	Heterogeneous Fenton-like magnetic nanosphere coated with vanadium oxide quantum dots for enhanced organic dyes decolorization. Journal of Colloid and Interface Science, 2020, 579, 269-281.	9.4	19
10	A MoFe nitrogenase-mimicking electrocatalyst for nitrogen fixation with high faradaic efficiency. Journal of Materials Chemistry A, 2020, 8, 19278-19282.	10.3	18
11	Electrochemistry in Carbon-based Quantum Dots. Chemistry - an Asian Journal, 2020, 15, 1214-1224.	3.3	31
12	Recognition of the Enzymatically Active and Inhibitive Oxygenous Groups on WO ₃ Quantum Dots by Chemical Deactivation and Density Functional Theory Calculations. ACS Applied Bio Materials, 2020, 3, 1459-1468.	4.6	6
13	Rational Design of Hydroxyl-Rich Ti ₃ C ₂ MXene Quantum Dots for High-Performance Electrochemical N ₂ Reduction. Advanced Energy Materials, 2020, 10, 2000797.	19.5	153
14	VO _x Quantum Dots with Multienzyme-Mimic Activities and the Application in Constructing a Three-Dimensional (3D) Coordinate System for Accurate Discrimination of the Hydrogen Peroxide over a Broad Concentration Range. Analytical Chemistry, 2019, 91, 5753-5761.	6.5	38
15	High-Performance Electrocatalytic Conversion of N ₂ to NH ₃ Using Oxygen-Vacancy-Rich TiO ₂ In Situ Grown on Ti ₃ C ₂ MXene. Advanced Energy Materials, 2019, 9, 1803406.	19.5	346
16	Intrinsic poorly-crystallized Fe ₅ O ₇ (OH)·4H ₂ O: a highly efficient oxygen evolution reaction electrocatalyst under alkaline conditions. RSC Advances, 2019, 9, 42470-42473.	3.6	3
17	Molybdenum oxide quantum dots prepared via a one-step stirring strategy and their application as fluorescent probes for pyrophosphate sensing and efficient antibacterial materials. Journal of Materials Chemistry B, 2018, 6, 3240-3245.	5.8	35
18	Preparation of Ti ₃ C ₂ MXene-Derived Quantum Dots with White/Blue-Emitting Photoluminescence and Electrochemiluminescence. Advanced Optical Materials, 2018, 6, 1800951.	7.3	68

#	ARTICLE	IF	CITATIONS
19	Generation of Vanadium Oxide Quantum Dots with Distinct Fluorescence and Antibacterial Activity via a Room-Temperature Agitation Strategy. ChemNanoMat, 2018, 4, 1048-1053.	2.8	20