

Xiangxin Xue

List of Publications by Year in descending order

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28
papers

623
citations

840776

11
h-index

580821

25
g-index

28
all docs

28
docs citations

28
times ranked

1061
citing authors

#	ARTICLE	IF	CITATIONS
1	Raman Investigation of Nanosized TiO ₂ : Effect of Crystallite Size and Quantum Confinement. <i>Journal of Physical Chemistry C</i> , 2012, 116, 8792-8797.	3.1	269
2	Controllable Synthesis of SERS-Active Magnetic Metal-Organic Framework-Based Nanocatalysts and Their Application in Photoinduced Enhanced Catalytic Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25726-25736.	8.0	79
3	Rational understanding of the catalytic mechanism of molybdenum carbide in polysulfide conversion in lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 11818-11823.	10.3	38
4	SERS study of surface plasmon resonance induced carrier movement in Au@Cu ₂ O core-shell nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 189, 608-612.	3.9	28
5	Perovskite-type CaMnO ₃ anode material for highly efficient and stable lithium ion storage. <i>Journal of Colloid and Interface Science</i> , 2021, 584, 698-705.	9.4	21
6	Electrochemical Deposition Enables Freestanding CoNi Layered Double Hydroxide/MnO _x Electrode with Enhanced Electrochemical Properties for Asymmetric Supercapacitors. <i>Energy Technology</i> , 2019, 7, 1900680.	3.8	19
7	Surface-Enhanced Raman Scattering (SERS) Active Gold Nanoparticles Decorated on a Porous Polymer Filter. <i>Applied Spectroscopy</i> , 2017, 71, 1543-1550.	2.2	17
8	One-pot synthesis of highly luminescent and color-tunable water-soluble Mn:ZnSe/ZnS core/shell quantum dots by microwave-assisted method. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 9184-9192.	2.2	14
9	Facile fabrication of PS/Cu ₂ S/Ag sandwich structure as SERS substrate for ultra-sensitive detection. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 265, 120370.	3.9	14
10	Highly sensitive SERS behavior and wavelength-dependence charge transfer effect on the PS/Ag/ZIF-8 substrate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 247, 119126.	3.9	13
11	Encapsulating silicon particles by graphitic carbon enables High-performance Lithium-ion batteries. <i>Journal of Colloid and Interface Science</i> , 2022, 607, 1562-1570.	9.4	13
12	New Insight into Charge-Transfer Enhancement for SERS in Cosputtering (Ag) _x (ZnS) _y System: The Carrier Density Effect. <i>Journal of Physical Chemistry C</i> , 2019, 123, 28846-28851.	3.1	12
13	High-efficiency charge transfer on SERS-active semiconducting K ₂ Ti ₆ O ₁₃ nanowires enables direct transition of photoinduced electrons to protein redox centers. <i>Biosensors and Bioelectronics</i> , 2021, 191, 113452.	10.1	11
14	Improved Charge Transfer Contribution by Cosputtering Ag and ZnO. <i>Nanomaterials</i> , 2020, 10, 1455.	4.1	10
15	Facile Fabrication of Binder-Free CoZn LDH/CFP Electrode with Enhanced Capacitive Properties for Asymmetric Supercapacitor. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 3953-3961.	3.7	10
16	Controlled synthesis of a PS/Au/ZIF-8 hybrid structure as a SERS substrate for ultrasensitive detection. <i>New Journal of Chemistry</i> , 2021, 45, 1355-1362.	2.8	9
17	Enhanced Raman scattering when scatterer molecules located in TiO ₂ /Ag nanojunctions. <i>RSC Advances</i> , 2015, 5, 64235-64239.	3.6	8
18	Construction of MOF-shell porous materials and performance studies in the selective adsorption and separation of benzene pollutants. <i>Dalton Transactions</i> , 2021, 50, 9076-9087.	3.3	8

#	ARTICLE	IF	CITATIONS
19	Graphite-specific peptide mediated synthesis of Pt nanoparticles on reduced graphene oxide for electrochemical detection of H ₂ O ₂ . Functional Materials Letters, 2016, 09, 1650051.	1.2	5
20	Preparation and Characterization of Zn ¹⁸ Ni _x O Nanoparticles: Application as a SERS Substrate. Journal of Nanoscience and Nanotechnology, 2018, 18, 4403-4408.	0.9	5
21	A Turn-On Resonance Raman Scattering (BCS/Cu ⁺) Sensor for Quantitative Determination of Proteins. Applied Spectroscopy, 2016, 70, 355-362.	2.2	4
22	Photoluminescence and Raman scattering study in ZnO:Mg nanocrystals. Journal of Materials Science: Materials in Electronics, 2016, 27, 1014-1019.	2.2	4
23	Role of surface ligands on CdSe/CdS QDs in affecting the charge separation and photocatalytic behavior in reducing the graphene oxide. Journal of Materials Science: Materials in Electronics, 2019, 30, 9363-9371.	2.2	3
24	Probing the Open-Circuit Voltage Improvement of DSSC via Raman Spectroscopy: <i>In Situ</i> Dynamic Tracking Photoanode/Electrolyte Interfaces. ACS Applied Energy Materials, 2022, 5, 8391-8399.	5.1	3
25	Investigation of Surface-Enhanced Raman Scattering Property of Ni Doping ZnS Nanocrystals. Journal of Nanoscience and Nanotechnology, 2019, 19, 7748-7752.	0.9	2
26	Mg and Al dual-metal functionalized mesoporous carbon as highly efficient heterogeneous catalysts for the synthesis of ethyl methyl carbonate. New Journal of Chemistry, 2021, 45, 21199-21205.	2.8	2
27	Preparation of Silver Nanocap Arrays and Their Surface-Enhanced Raman Scattering Activity. Bulletin of the Korean Chemical Society, 2017, 38, 1179-1182.	1.9	1
28	Tuning the porosity of ionic covalent triazine frameworks using auxiliary monomers for highly efficient CO ₂ and I ₂ capture. Journal of Polymer Research, 2022, 29, 1.	2.4	1