

Lihui Yuwen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63
papers

3,446
citations

33
h-index

58
g-index

75
ext. papers

4,041
ext. citations

8.1
avg. IF

5.28
L-index

#	Paper	IF	Citations
63	Mitochondria-Targeting MoS-Based Nanoagents for Enhanced NIR-II Photothermal-Chemodynamic Synergistic Oncotherapy. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 55928-55938	9.5	9
62	Fluorescence and ratiometric photoacoustic imaging of endogenous furin activity peptide functionalized MoS nanosheets. <i>Biomaterials Science</i> , 2021 , 9, 8313-8322	7.4	1
61	Recent development of nanomedicine for the treatment of bacterial biofilm infections. <i>View</i> , 2021 , 2, 20200065	7.8	15
60	Molybdenum disulfide (MoS) nanosheets-based hydrogels with light-triggered self-healing property for flexible sensors. <i>Journal of Colloid and Interface Science</i> , 2021 , 586, 601-612	9.3	15
59	A multifunctional Fenton nanoagent for microenvironment-selective anti-biofilm and anti-inflammatory therapy. <i>Materials Horizons</i> , 2021 , 8, 1264-1271	14.4	9
58	Hyaluronidase-responsive phototheranostic nanoagents for fluorescence imaging and photothermal/photodynamic therapy of methicillin-resistant infections. <i>Biomaterials Science</i> , 2021 , 9, 4484-4495	7.4	8
57	Hyaluronic acid-based nanogels derived from multicomponent self-assembly for imaging-guided chemo-photodynamic cancer therapy. <i>Carbohydrate Polymers</i> , 2021 , 268, 118257	10.3	5
56	A hybrid polyvinyl alcohol/molybdenum disulfide nanosheet hydrogel with light-triggered rapid self-healing capability. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 2266-2274	7.3	3
55	Gut microbiota and lipid metabolism alterations in mice induced by oral cadmium telluride quantum dots. <i>Journal of Applied Toxicology</i> , 2020 , 40, 1131-1140	4.1	5
54	Biofilm Microenvironment-Responsive Nanotheranostics for Dual-Mode Imaging and Hypoxia-Relief-Enhanced Photodynamic Therapy of Bacterial Infections. <i>Research</i> , 2020 , 2020, 9426453	7.8	30
53	Continuous preparation of antimony nanocrystals with near infrared photothermal property by pulsed laser ablation in liquids. <i>Scientific Reports</i> , 2020 , 10, 15095	4.9	6
52	Cu MoS Nanozyme with NIR-II Light Enhanced Catalytic Activity for Efficient Eradication of Multidrug-Resistant Bacteria. <i>Small</i> , 2020 , 16, e2001099	11	44
51	Antibody-Functionalized MoS Nanosheets for Targeted Photothermal Therapy of Focal Infection. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019 , 7, 218	5.8	18
50	Intracellular MicroRNA Imaging with MoS-Supported Nonenzymatic Catalytic Assembly of DNA Hairpins. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 20725-20733	9.5	35
49	Efficient biofunctionalization of MoS nanosheets with peptides as intracellular fluorescent biosensor for sensitive detection of caspase-3 activity. <i>Journal of Colloid and Interface Science</i> , 2019 , 543, 96-105	9.3	30
48	Efficient Bacteria Killing by CuWS Nanocrystals with Enzyme-like Properties and Bacteria-Binding Ability. <i>ACS Nano</i> , 2019 , 13, 13797-13808	16.7	103
47	Highly Biocompatible Chlorin e6-Loaded Chitosan Nanoparticles for Improved Photodynamic Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 9980-9987	9.5	68

46	A gold nanoflower-based traceable drug delivery system for intracellular SERS imaging-guided targeted chemo-phototherapy. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 3030-3039	7.3	22
45	Tunable Nonvolatile Memory Behaviors of PCBM-MoS 2D Nanocomposites through Surface Deposition Ratio Control. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 6552-6559	9.5	34
44	Graphene quantum dots modified with adenine for efficient two-photon bioimaging and white light-activated antibacteria. <i>Applied Surface Science</i> , 2018 , 434, 155-162	6.7	39
43	MoS@polydopamine-Ag nanosheets with enhanced antibacterial activity for effective treatment of Staphylococcus aureus biofilms and wound infection. <i>Nanoscale</i> , 2018 , 10, 16711-16720	7.7	73
42	Flexible MoS ₂ -Embedded Human Serum Albumin Hollow Nanocapsules with Long Circulation Times and High Targeting Ability for Efficient Tumor Ablation. <i>Advanced Functional Materials</i> , 2018 , 28, 1804081 ^{15,6}	15.6	30
41	Polyhedral Oligomeric Silsesquioxane (POSS)-Based Cationic Conjugated Oligoelectrolyte/Porphyrin for Efficient Energy Transfer and Multi-amplified Antimicrobial Activity. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 34455-34463	9.5	28
40	Reduction of graphene oxide quantum dots to enhance the yield of reactive oxygen species for photodynamic therapy. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 17262-17267	3.6	24
39	Synthesis of sandwich-like molybdenum sulfide/mesoporous organosilica nanosheets for photo-thermal conversion and stimuli-responsive drug release. <i>Journal of Colloid and Interface Science</i> , 2017 , 496, 261-266	9.3	21
38	Recent Advances in Synthesis and Biomedical Applications of Two-Dimensional Transition Metal Dichalcogenide Nanosheets. <i>Small</i> , 2017 , 13, 1602660	11	167
37	RGD-QD-MoS nanosheets for targeted fluorescent imaging and photothermal therapy of cancer. <i>Nanoscale</i> , 2017 , 9, 15835-15845	7.7	70
36	A postsynthetic ion exchange method for tunable doping of hydroxyapatite nanocrystals. <i>RSC Advances</i> , 2017 , 7, 56537-56542	3.7	4
35	NIR photoresponsive drug delivery and synergistic chemo-photothermal therapy by monodispersed-MoS-nanosheets wrapped periodic mesoporous organosilicas. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 7708-7717	7.3	38
34	Templating C60 on MoS ₂ Nanosheets for 2D Hybrid van der Waals p-n Nanoheterojunctions. <i>Chemistry of Materials</i> , 2016 , 28, 4300-4306	9.6	46
33	Aqueous phase preparation of ultrasmall MoSe ₂ nanodots for efficient photothermal therapy of cancer cells. <i>Nanoscale</i> , 2016 , 8, 2720-6	7.7	118
32	Uniform Au@Pt core-shell nanodendrites supported on molybdenum disulfide nanosheets for the methanol oxidation reaction. <i>Nanoscale</i> , 2016 , 8, 602-8	7.7	77
31	Rapid preparation of single-layer transition metal dichalcogenide nanosheets via ultrasonication enhanced lithium intercalation. <i>Chemical Communications</i> , 2016 , 52, 529-32	5.8	84
30	Microwave-Assisted Preparation of White Fluorescent Graphene Quantum Dots as a Novel Phosphor for Enhanced White-Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2016 , 26, 2739-2744 ^{15,6}	15.6	172
29	Facile Synthesis of Yolk-Shell-Structured Triple-Hybridized Periodic Mesoporous Organosilica Nanoparticles for Biomedicine. <i>Small</i> , 2016 , 12, 3550-8	11	58

28	AIE-active conjugated polymer nanoparticles with red-emission for in vitro and in vivo imaging. <i>RSC Advances</i> , 2016 , 6, 114580-114586	3.7	8
27	Hollow periodic mesoporous organosilica nanospheres by a facile emulsion approach. <i>Journal of Colloid and Interface Science</i> , 2016 , 475, 66-71	9.3	21
26	Dual-Target Electrochemical Biosensing Based on DNA Structural Switching on Gold Nanoparticle-Decorated MoS ₂ Nanosheets. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 6826-33	9.5	128
25	Evaluation of toxic effects of CdTe quantum dots on the reproductive system in adult male mice. <i>Biomaterials</i> , 2016 , 96, 24-32	15.6	54
24	A MoS ₂ -based system for efficient immobilization of hemoglobin and biosensing applications. <i>Nanotechnology</i> , 2015 , 26, 274005	3.4	55
23	Preparation of Highly Dispersed Reduced Graphene Oxide Decorated with Chitosan Oligosaccharide as Electrode Material for Enhancing the Direct Electron Transfer of Escherichia coli. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 8539-44	9.5	20
22	Direct electrochemistry of glucose oxidase and a biosensor for glucose based on a glass carbon electrode modified with MoS ₂ nanosheets decorated with gold nanoparticles. <i>Mikrochimica Acta</i> , 2014 , 181, 1497-1503	5.8	134
21	Fluorescence Turn-On Sensing of Ascorbic Acid Based on a Hyperbranched Conjugated Polyelectrolyte. <i>Soft Materials</i> , 2014 , 12, 73-78	1.7	8
20	General synthesis of noble metal (Au, Ag, Pd, Pt) nanocrystal modified MoS ₂ nanosheets and the enhanced catalytic activity of Pd-MoS ₂ for methanol oxidation. <i>Nanoscale</i> , 2014 , 6, 5762-9	7.7	263
19	Microwave-assisted solvothermal preparation of nitrogen and sulfur co-doped reduced graphene oxide and graphene quantum dots hybrids for highly efficient oxygen reduction. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 20605-20611	13	66
18	Facile preparation of multicolor polymer nanoparticle bioconjugates with specific biorecognition. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 11129-35	9.5	17
17	Creating SERS hot spots on MoS ₂ nanosheets with in situ grown gold nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 18735-41	9.5	185
16	Gold nanoparticle-decorated MoS ₂ nanosheets for simultaneous detection of ascorbic acid, dopamine and uric acid. <i>RSC Advances</i> , 2014 , 4, 27625	3.7	180
15	DNA-conjugated quantum dot nanoprobe for high-sensitivity fluorescent detection of DNA and micro-RNA. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 1152-7	9.5	124
14	Synthesis of highly dispersed titanium dioxide nanoclusters on reduced graphene oxide for increased glucose sensing. <i>Carbon</i> , 2013 , 57, 470-476	10.4	34
13	Highly Sensitive and Selective Determination of Dopamine in the Presence of Ascorbic Acid Using Gold Nanoparticles-Decorated MoS ₂ Nanosheets Modified Electrode. <i>Electroanalysis</i> , 2013 , 25, 2523-2529	3.9	96
12	A controllable approach to development of multi-spectral conjugated polymer nanoparticles with increased emission for cell imaging. <i>Chemical Communications</i> , 2013 , 49, 10623-5	5.8	24
11	CHAPTER 11.5:Nanoparticles and Quantum Dots 2013 , 232-269		

10	Synthesis of silver nanoparticles on reduced graphene oxide under microwave irradiation with starch as an ideal reductant and stabilizer. <i>Applied Surface Science</i> , 2013 , 266, 188-193	6.7	61
9	Reduced graphene oxide/PAMAM-silver nanoparticles nanocomposite modified electrode for direct electrochemistry of glucose oxidase and glucose sensing. <i>Biosensors and Bioelectronics</i> , 2012 , 36, 179-85	11.8	140
8	One-pot, low-temperature synthesis of branched platinum nanowires/reduced graphene oxide (BPtNW/RGO) hybrids for fuel cells. <i>Journal of Materials Chemistry</i> , 2012 , 22, 7791		73
7	One-pot encapsulation of luminescent quantum dots synthesized in aqueous solution by amphiphilic polymers. <i>Small</i> , 2011 , 7, 1456-63	11	23
6	A facile low temperature growth of CdTe nanocrystals using novel dithiocarbamate ligands in aqueous solution. <i>Journal of Materials Chemistry</i> , 2010 , 20, 2788		10
5	A fluorescent conjugated polymer for trace detection of diamines and biogenic polyamines. <i>Journal of Materials Chemistry</i> , 2010 , 20, 9628		55
4	Water-soluble hyperbranched polyelectrolytes with high fluorescence quantum yield: Facile synthesis and selective chemosensor for Hg ²⁺ and Cu ²⁺ ions. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 3431-3439	2.5	42
3	Inclusion of tetracycline hydrochloride within supramolecular gels and its controlled release to bovine serum albumin. <i>Langmuir</i> , 2009 , 25, 8434-8	4	59
2	Synthesis and characterization of red phosphorescent-conjugated polymers containing charged iridium complexes and carbazole unit. <i>Synthetic Metals</i> , 2007 , 157, 813-822	3.6	19
1	Synthesis process dependent photoluminescent properties of Zn ₂ SiO ₄ :Mn ²⁺ upon VUV region. <i>Journal of Alloys and Compounds</i> , 2006 , 425, 339-342	5.7	21