

Xiangchun Zhang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Copper Clusters: An Effective Antibacterial for Eradicating Multidrug-Resistant Bacterial Infection In Vitro and In Vivo. <i>Advanced Functional Materials</i> , 2021, 31, 2008720.	14.9	106
2	Turning On/Off the Anti-Tumor Effect of the Au Cluster via Atomically Controlling Its Molecular Size. <i>ACS Nano</i> , 2018, 12, 4378-4386.	14.6	34
3	Gold Clusters Prevent Inflammation-Induced Bone Erosion through Inhibiting the Activation of NF- κ B Pathway. <i>Theranostics</i> , 2019, 9, 1825-1836.	10.0	32
4	The Precise Diagnosis of Cancer Invasion/Metastasis via 2D Laser Ablation Mass Mapping of Metalloproteinase in Primary Cancer Tissue. <i>ACS Nano</i> , 2018, 12, 11139-11151.	14.6	29
5	Peptide and protein modified metal clusters for cancer diagnostics. <i>Chemical Science</i> , 2020, 11, 5614-5629.	7.4	28
6	Gold clusters prevent breast cancer bone metastasis by suppressing tumor-induced osteoclastogenesis. <i>Theranostics</i> , 2020, 10, 4042-4055.	10.0	25
7	A highly sensitive SERS-based platform for Zn detection in cellular media. <i>Chemical Communications</i> , 2017, 53, 1797-1800.	4.1	23
8	Quantitative Analysis of Multiple Proteins of Different Invasive Tumor Cell Lines at the Same Single-Cell Level. <i>Small</i> , 2018, 14, e1703684.	10.0	22
9	3D printed PCL scaffold with nano-hydroxyapatite coating doped green tea EGCG promotes bone growth and inhibits multidrug-resistant bacteria colonization. <i>Cell Proliferation</i> , 2022, 55, .	5.3	21
10	Development, optimization, validation and application of ultra high performance liquid chromatography tandem mass spectrometry for the analysis of pyrrolizidine alkaloids and pyrrolizidine alkaloid N-oxides in teas and weeds. <i>Food Control</i> , 2022, 132, 108518.	5.5	20
11	Polypeptide-Templated Au Nanoclusters with Red and Blue Fluorescence Emissions for Multimodal Imaging of Cell Nuclei. <i>ACS Applied Bio Materials</i> , 2020, 3, 1934-1943.	4.6	19
12	Hepatotoxicity of Pyrrolizidine Alkaloid Compound Intermedine: Comparison with Other Pyrrolizidine Alkaloids and Its Toxicological Mechanism. <i>Toxins</i> , 2021, 13, 849.	3.4	15
13	The Gold Nanocluster Protects Neurons Directly or via Inhibiting Cytotoxic Secretions of Microglia Cell. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 1986-1995.	0.9	14
14	Comparison of the Therapeutic Effects of Gold Nanoclusters and Gold Nanoparticles on Rheumatoid Arthritis. <i>Journal of Biomedical Nanotechnology</i> , 2019, 15, 2281-2290.	1.1	13
15	Specific detection and effective inhibition of a single bacterial species in situ using peptide mineralized Au cluster probes. <i>Science China Chemistry</i> , 2018, 61, 627-634.	8.2	12
16	Assessment of the MT1-MMP expression level of different cell lines by the naked eye. <i>Science China Life Sciences</i> , 2018, 61, 492-500.	4.9	10
17	Peptide-Templated Gold Clusters as Enzyme-Like Catalyst Boost Intracellular Oxidative Pressure and Induce Tumor-Specific Cell Apoptosis. <i>Nanomaterials</i> , 2018, 8, 1040.	4.1	10
18	Qualitative and Quantitative Analysis of Tumor Cell Invasion Using Au Clusters. <i>Nanomaterials</i> , 2022, 12, 145.	4.1	5