

Yuying Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

2,346
citations

257450

24
h-index

223800

46
g-index

70
all docs

70
docs citations

70
times ranked

3773
citing authors

#	ARTICLE	IF	CITATIONS
1	iSERS microscopy: point-of-care diagnosis and tissue imaging. , 2022, , 327-372.		0
2	KRAS(G12D) can be targeted by potent inhibitors via formation of salt bridge. Cell Discovery, 2022, 8, 5.	6.7	52
3	Asparagine endopeptidase-targeted Ultrasound-responsive Nanobubbles Alleviate Tau Cleavage and Amyloid- β Deposition in an Alzheimer's Disease Model. Acta Biomaterialia, 2022, 141, 388-397.	8.3	15
4	Combined legumain- and integrin-targeted nanobubbles for molecular ultrasound imaging of breast cancer. Nanomedicine: Nanotechnology, Biology, and Medicine, 2022, 42, 102533.	3.3	9
5	Loss of legumain induces premature senescence and mediates aging-related renal fibrosis. Aging Cell, 2022, 21, e13574.	6.7	15
6	Reproducible fabrication of gold nanostar monolayers for surface-enhanced Raman spectroscopy-based trace detection. Journal of Raman Spectroscopy, 2022, 53, 1227-1237.	2.5	5
7	iSERS Microscopy for Cellular and Tissue Imaging <i>Ex Vivo</i> . , 2022, , 273-321.		0
8	Several Key Factors for Efficient Electrocatalytic Water Splitting: Active Site Coordination Environment, Morphology Changes and Intermediates Identification. Chemistry - A European Journal, 2022, 28, .	3.3	5
9	Comparison of Chondrocytes in Knee Osteoarthritis and Regulation by Scaffold Pore Size and Stiffness. Tissue Engineering - Part A, 2021, 27, 223-236.	3.1	8
10	Colorimetric analysis of extracellular vesicle surface proteins based on controlled growth of Au aptasensors. Analyst, The, 2021, 146, 2019-2028.	3.5	4
11	Legumain promotes tubular ferroptosis by facilitating chaperone-mediated autophagy of GPX4 in AKI. Cell Death and Disease, 2021, 12, 65.	6.3	143
12	Cancer-derived exosomal miR-138-5p modulates polarization of tumor-associated macrophages through inhibition of KDM6B. Theranostics, 2021, 11, 6847-6859.	10.0	77
13	Cryo-EM structure of <i>Mycobacterium smegmatis</i> DyP-loaded encapsulin. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	32
14	Cryo-EM structure of mycobacterial cytochrome bd reveals two oxygen access channels. Nature Communications, 2021, 12, 4621.	12.8	24
15	Plasmonic metal/semiconductor hybrid nanomaterials for solar to chemical energy conversion. Journal of Energy Chemistry, 2021, 63, 40-53.	12.9	13
16	Size-Dependent Penetration of Gold Nanoprobes into Fixed Cells. ACS Omega, 2021, 6, 3791-3799.	3.5	4
17	Synthetic liver fibrotic niche extracts achieve <i>in vitro</i> hepatoblasts phenotype enhancement and expansion. iScience, 2021, 24, 103303.	4.1	1
18	Structure of Mycobacterium tuberculosis cytochrome bcc in complex with Q203 and TB47, two anti-TB drug candidates. ELife, 2021, 10, .	6.0	22

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19	Modified reduced graphene oxide as stabilizer for Pickering w/o emulsions. <i>Journal of Materials Science</i> , 2020, 55, 1946-1958.	3.7	9
20	Legumain-deficient macrophages promote senescence of tumor cells by sustaining JAK1/STAT1 activation. <i>Cancer Letters</i> , 2020, 472, 40-49.	7.2	18
21	Cryo-EM structure of trimeric <i>Mycobacterium smegmatis</i> succinate dehydrogenase with a membrane-anchor SdhF. <i>Nature Communications</i> , 2020, 11, 4245.	12.8	20
22	Stimulus-responsive surface-enhanced Raman scattering: a "Trojan horse" strategy for precision molecular diagnosis of cancer. <i>Chemical Science</i> , 2020, 11, 6111-6120.	7.4	17
23	Immuno-SERS: from nanotag design to assays and microscopy. , 2020, , 485-528.		3
24	A Mitochondrial-Targeting Near-Infrared Fluorescent Probe for Visualizing and Monitoring Viscosity in Live Cells and Tissues. <i>Analytical Chemistry</i> , 2019, 91, 10302-10309.	6.5	154
25	Lighting Up NIR-II Fluorescence in Vivo: An Activable Probe for Noninvasive Hydroxyl Radical Imaging. <i>Analytical Chemistry</i> , 2019, 91, 15757-15762.	6.5	88
26	Recent Progress on Liquid Biopsy Analysis using Surface-Enhanced Raman Spectroscopy. <i>Theranostics</i> , 2019, 9, 491-525.	10.0	114
27	Alginate microspheres prepared by ionic crosslinking of pickering alginate emulsions. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2019, 30, 1083-1096.	3.5	6
28	Asparaginyl endopeptidase induces endothelial permeability and tumor metastasis via downregulating zonula occludens protein ZO-1. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 2267-2275.	3.8	9
29	ImmunoSERS microscopy for the detection of smooth muscle cells in atherosclerotic plaques. <i>Biosensors and Bioelectronics</i> , 2019, 133, 79-85.	10.1	9
30	Etchable SERS nanosensor for accurate pH and hydrogen peroxide sensing in living cells. <i>Chemical Communications</i> , 2019, 55, 12996-12999.	4.1	29
31	Effect of Antigen Retrieval Methods on Nonspecific Binding of Antibody-Metal Nanoparticle Conjugates on Formalin-Fixed Paraffin-Embedded Tissue. <i>Analytical Chemistry</i> , 2018, 90, 760-768.	6.5	28
32	Salmonella enterica Remodels the Host Cell Endosomal System for Efficient Intravacuolar Nutrition. <i>Cell Host and Microbe</i> , 2017, 21, 390-402.	11.0	109
33	iSERS microscopy guided by wide field immunofluorescence: analysis of HER2 expression on normal and breast cancer FFPE tissue sections. <i>Analyst, The</i> , 2016, 141, 5113-5119.	3.5	14
34	Application of Fluorescent Nanoparticles to Study Remodeling of the Endo-lysosomal System by Intracellular Bacteria. <i>Journal of Visualized Experiments</i> , 2015, , e52058.	0.3	3
35	Gold and silver nanoparticle monomers are non-SERS-active: a negative experimental study with silica-encapsulated Raman-reporter-coated metal colloids. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 21120-21126.	2.8	76
36	Reorganization of the Endosomal System in Salmonella-Infected Cells: The Ultrastructure of Salmonella-Induced Tubular Compartments. <i>PLoS Pathogens</i> , 2014, 10, e1004374.	4.7	64

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37	Toxicity of ZnO Nanoparticles to Macrophages Due to Cell Uptake and Intracellular Release of Zinc Ions. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 5688-5696.	0.9	76
38	Influence of surface coatings of poly(D,L-lactide-co-glycolide) particles on HepG2 cell behavior and particle fate. <i>Biointerphases</i> , 2014, 9, 031015.	1.6	1
39	Study of the Selective Uptake Progress of Aptamer-Modified PLGA Particles by Liver Cells. <i>Macromolecular Bioscience</i> , 2013, 13, 1413-1421.	4.1	19
40	Evaluation of nanoparticles as endocytic tracers in cellular microbiology. <i>Nanoscale</i> , 2013, 5, 9296.	5.6	32
41	Influences of surface chemistry and swelling of salt-treated polyelectrolyte multilayers on migration of smooth muscle cells. <i>Journal of the Royal Society Interface</i> , 2012, 9, 3455-3468.	3.4	34
42	Influence of Surface Coating of PLGA Particles on the Internalization and Functions of Human Endothelial Cells. <i>Biomacromolecules</i> , 2012, 13, 3272-3282.	5.4	53
43	Cellular Uptake of Covalent Poly(allylamine hydrochloride) Microcapsules and Its Influences on Cell Functions. <i>Macromolecular Bioscience</i> , 2012, 12, 1534-1545.	4.1	37
44	Encapsulation of Photosensitizer into Multilayer Microcapsules by Combination of Spontaneous Deposition and Heat-Induced Shrinkage for Photodynamic Therapy. <i>Macromolecular Bioscience</i> , 2012, 12, 1436-1442.	4.1	16
45	Preparation and cellular uptake of PLGA particles loaded with lamivudine. <i>Science Bulletin</i> , 2012, 57, 3985-3993.	1.7	22
46	Mineralization of Collagen-Coated Electrospun Poly(lactide-co-glycolide) Nanofibrous Mesh to Enhance Growth and Differentiation of Osteoblasts and Bone Marrow Mesenchymal Stem Cells. <i>Advanced Engineering Materials</i> , 2012, 14, B123.	3.5	15
47	Fabrication of Chitosan Single-Component Microcapsules With a Micrometer-Thick and Layered Wall Structure by Stepwise Core-Mediated Precipitation. <i>Macromolecular Rapid Communications</i> , 2012, 33, 326-331.	3.9	10
48	Poly(lactide-co-glycolide)/hydroxyapatite nanofibrous scaffolds fabricated by electrospinning for bone tissue engineering. <i>Journal of Materials Science: Materials in Medicine</i> , 2011, 22, 1873-1884.	3.6	156
49	Influences of Acid-Treated Multiwalled Carbon Nanotubes on Fibroblasts: Proliferation, Adhesion, Migration, and Wound Healing. <i>Annals of Biomedical Engineering</i> , 2011, 39, 414-426.	2.5	46
50	Influence of folate conjugation on the cellular uptake degree of poly(allylamine hydrochloride) microcapsules. <i>Journal of Applied Polymer Science</i> , 2011, 121, 3710-3716.	2.6	6
51	Influence of silica particle internalization on adhesion and migration of human dermal fibroblasts. <i>Biomaterials</i> , 2010, 31, 8465-8474.	11.4	106
52	Preparation of Main-Chain Thermotropic Polyesters With Two Types of Mesogens Connected Alternatively by Aliphatic Spacers. <i>Journal of Macromolecular Science - Physics</i> , 2010, 50, 363-375.	1.0	3
53	Interaction of the docetaxel with human serum albumin using optical spectroscopy methods. <i>Journal of Luminescence</i> , 2009, 129, 1196-1203.	3.1	39
54	Nuclear Targeted Nanoprobe for Single Living Cell Detection by Surface-Enhanced Raman Scattering. <i>Bioconjugate Chemistry</i> , 2009, 20, 768-773.	3.6	112

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55	Synthesis, structure, and properties of a 1-D copper(II) complex with nitronyl nitroxide radicals. <i>Journal of Coordination Chemistry</i> , 2009, 62, 2076-2085.	2.2	3
56	EFFECT OF CELLULAR UPTAKE OF SiO ₂ PARTICLES ON ADHESION AND MIGRATION OF HepG2 CELLS. <i>Acta Polymerica Sinica</i> , 2009, 009, 815-822.	0.0	5
57	pH Induces Thermal Unfolding of UTI: An Implication of Reversible and Irreversible Mechanism Based on the Analysis of Thermal Stability, Thermodynamic, Conformational Characterization. <i>Journal of Fluorescence</i> , 2008, 18, 305-317.	2.5	6
58	Physicochemical characterization and antioxidant activity of quercetin-loaded chitosan nanoparticles. <i>Journal of Applied Polymer Science</i> , 2008, 107, 891-897.	2.6	218
59	Synthesis, Characterization and Crystal Structure of a Novel Three-Dimensional Supramolecular Architecture Formed by Cobalt(II) and Pyridine-2,5-dicarboxylic Acid. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2008, 38, 701-704.	0.6	2
60	A Novel Ferromagnetic Coupling Complex with Silver Ion and Nitronyl Nitroxide. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2008, 38, 669-672.	0.6	0
61	Synthesis, crystal structure and magnetic properties of Co(NIT4Py)(H2PDA)(H2O)3. <i>Journal of Coordination Chemistry</i> , 2008, 61, 1797-1803.	2.2	0
62	Synthesis, Crystal Structure and Magnetic Property of a Complex Containing Silver Ions with Thiazole-substituted Nitronyl Nitroxide Radicals. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2007, 37, 199-201.	0.6	0
63	Transport of a Cancer Chemopreventive Polyphenol, Resveratrol: Interaction with Serum Albumin and Hemoglobin. <i>Journal of Fluorescence</i> , 2007, 17, 580-587.	2.5	104
64	A hydrogen-bonded, one-dimensional complex of cadmium(II) ions with 3,5-dinitrobenzoate and radicals: synthesis, characterization and crystal structure. <i>Journal of Coordination Chemistry</i> , 2006, 59, 325-331.	2.2	1
65	Interaction of daunomycin antibiotic with human α 1-acid glycoprotein: Spectroscopy and modeling. <i>Journal of Molecular Structure</i> , 2006, 788, 30-35.	3.6	1
66	Synthesis, characterization and crystal structure of a novel three-dimensional supramolecular architecture formed by manganese(II) and pyridine-2,5-dicarboxylic acid. <i>Journal of Coordination Chemistry</i> , 2006, 59, 389-393.	2.2	6
67	Solution properties of water-insoluble polysaccharides from the mycelium of <i>Ganoderma tsugae</i> . <i>Carbohydrate Polymers</i> , 2005, 59, 351-356.	10.2	16
68	Urea/NaOH aqueous solution as new solvent of aeromonas gum. <i>Journal of Applied Polymer Science</i> , 2005, 97, 1710-1713.	2.6	2