

Liying Hao

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

960
citations

687363

13
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

1535
citing authors

#	ARTICLE	IF	CITATIONS
1	SiO ₂ /graphene composite for highly selective adsorption of Pb(II) ion. <i>Journal of Colloid and Interface Science</i> , 2012, 369, 381-387.	9.4	231
2	Doxorubicin-loaded environmentally friendly carbon dots as a novel drug delivery system for nucleus targeted cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 349-359.	5.0	136
3	Doxorubicin conjugated carbon dots as a drug delivery system for human breast cancer therapy. <i>Cell Proliferation</i> , 2018, 51, e12488.	5.3	115
4	Metal-organic frameworks (MOFs) combined with ZnO quantum dots as a fluorescent sensing platform for phosphate. <i>Sensors and Actuators B: Chemical</i> , 2014, 197, 50-57.	7.8	98
5	Aptamer-targeted DNA nanostructures with doxorubicin to treat protein tyrosine kinase 7 ⁺ positive tumours. <i>Cell Proliferation</i> , 2019, 52, e12511.	5.3	58
6	AS1411 aptamer modified carbon dots via polyethylenimine-assisted strategy for efficient targeted cancer cell imaging. <i>Cell Proliferation</i> , 2020, 53, e12713.	5.3	45
7	Stable and Water-Dispersible Graphene Nanosheets: Sustainable Preparation, Functionalization, and High-Performance Adsorbents for Pb ²⁺ . <i>ChemPlusChem</i> , 2012, 77, 379-386.	2.8	42
8	Enhanced Penetrability of a Tetrahedral Framework Nucleic Acid by Modification with iRGD for DOX-Targeted Delivery to Triple-Negative Breast Cancer. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 25825-25835.	8.0	39
9	Tea Polyphenol-Functionalized Graphene/Chitosan as an Experimental Platform with Improved Mechanical Behavior and Bioactivity. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 20893-20901.	8.0	27
10	A cubic luminescent graphene oxide functionalized Zn-based metal-organic framework composite for fast and highly selective detection of Cu ²⁺ ions in aqueous solution. <i>Analyst</i> , 2014, 139, 764-770.	3.5	26
11	Multifunctional Reduced Graphene Oxide-Based Nanoplatfor for Synergistic Targeted Chemo-Photothermal Therapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 5213-5222.	4.6	20
12	Multispecies biofilms in fermentation: Biofilm formation, microbial interactions, and communication. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2022, 21, 3346-3375.	11.7	19
13	A novel theranostic nanoplatfor for imaging-guided chemo-photothermal therapy in oral squamous cell carcinoma. <i>Journal of Materials Chemistry B</i> , 2021, 9, 6006-6016.	5.8	16
14	Structural characterization and bioactivity of novel exopolysaccharides produced by <i>Tetragenococcus halophilus</i> . <i>Food Research International</i> , 2022, 155, 111083.	6.2	15
15	High efficient anti-cancer drug delivery systems using tea polyphenols reduced and functionalized graphene oxide. <i>Journal of Biomaterials Applications</i> , 2017, 31, 1108-1122.	2.4	13
16	Tea Polyphenol-Reduced Graphene Oxide Deposition on Titanium Surface Enhances Osteoblast Bioactivity. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 3134-3140.	0.9	13
17	Pegylated carbon nitride nanosheets for enhanced reactive oxygen species generation and photodynamic therapy under hypoxic conditions. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 25, 102167.	3.3	10
18	Co-culture with <i>Tetragenococcus halophilus</i> improved the ethanol tolerance of <i>Zygosaccharomyces rouxii</i> by maintaining cell surface properties. <i>Food Microbiology</i> , 2021, 97, 103750.	4.2	9

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19	Formation of Biofilm by <i>Tetragenococcus halophilus</i> Benefited Stress Tolerance and Anti-biofilm Activity Against <i>S. aureus</i> and <i>S. Typhimurium</i> . <i>Frontiers in Microbiology</i> , 2022, 13, 819302.	3.5	8
20	Green and High-Efficiency Reduction of Graphene Oxide for Highly Loading Drug to Enhance Cancer Therapy. <i>Journal of Biomedical Nanotechnology</i> , 2017, 13, 1210-1220.	1.1	6
21	Nanoscale adhesion forces of glucosyltransferase B and C genes regulated Streptococcal mutans probed by AFM. <i>Molecular Oral Microbiology</i> , 2020, 35, 49-55.	2.7	6
22	A novel, green, and biocompatible graphene-based carbonaceous material for immobilization of cytochrome c. <i>Journal of Materials Research</i> , 2018, 33, 4270-4277.	2.6	4
23	One Step Green Reduced and Functionalized Graphene Oxide for Highly Efficient Loading and Effectively Release of Doxorubicin Hydrochloride. <i>Journal of Biomedical Nanotechnology</i> , 2017, 13, 1309-1320.	1.1	3
24	Modified triazine-based carbon nitride as a high efficiency fluorescence sensor for the label-free detection of Ag ⁺ . <i>Journal of Materials Research</i> , 2020, 35, 3235-3246.	2.6	1