

Linlin Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

975
citations

567281

15
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

1964
citing authors

#	ARTICLE	IF	CITATIONS
1	Size-Dependent Heating of Magnetic Iron Oxide Nanoparticles. <i>ACS Nano</i> , 2017, 11, 6808-6816.	14.6	299
2	Magnetic forces enable controlled drug delivery by disrupting endothelial cell-cell junctions. <i>Nature Communications</i> , 2017, 8, 15594.	12.8	132
3	Spatial control of in vivo CRISPR-Cas9 genome editing via nanomagnets. <i>Nature Biomedical Engineering</i> , 2019, 3, 126-136.	22.5	107
4	Histone deacetylase 6 and cytoplasmic linker protein 170 function together to regulate the motility of pancreatic cancer cells. <i>Protein and Cell</i> , 2014, 5, 214-223.	11.0	54
5	Proteomic identification and functional characterization of MYH9, Hsc70, and DNAJA1 as novel substrates of HDAC6 deacetylase activity. <i>Protein and Cell</i> , 2015, 6, 42-54.	11.0	51
6	Mdp3 is a novel microtubule-binding protein that regulates microtubule assembly and stability. <i>Cell Cycle</i> , 2011, 10, 3929-3937.	2.6	43
7	Proteomic Profiling and Functional Characterization of Multiple Post-Translational Modifications of Tubulin. <i>Journal of Proteome Research</i> , 2015, 14, 3292-3304.	3.7	33
8	Lipid-Encapsulated Fe ₃ O ₄ Nanoparticles for Multimodal Magnetic Resonance/Fluorescence Imaging. <i>ACS Applied Nano Materials</i> , 2020, 3, 6785-6797.	5.0	31
9	Microtubule-Associated Protein Mdp3 Promotes Breast Cancer Growth and Metastasis. <i>Theranostics</i> , 2014, 4, 1052-1061.	10.0	27
10	HDAC6 regulates neuroblastoma cell migration and may play a role in the invasion process. <i>Cancer Biology and Therapy</i> , 2014, 15, 1561-1570.	3.4	22
11	Modulation of Eg5 activity contributes to mitotic spindle checkpoint activation and Tat-mediated apoptosis in CD4 ⁺ positive T lymphocytes. <i>Journal of Pathology</i> , 2014, 233, 138-147.	4.5	19
12	Modulation of the stability and activities of HIV-1 Tat by its ubiquitination and carboxyl-terminal region. <i>Cell and Bioscience</i> , 2014, 4, 61.	4.8	19
13	HDAC6 regulates antibody-dependent intracellular neutralization of viruses via deacetylation of TRIM21. <i>Journal of Biological Chemistry</i> , 2020, 295, 14343-14351.	3.4	19
14	Microtubule Stabilization by Mdp3 Is Partially Attributed to Its Modulation of HDAC6 in Addition to Its Association with Tubulin and Microtubules. <i>PLoS ONE</i> , 2014, 9, e90932.	2.5	18
15	Magnetic iron oxide nanoparticles for biomedical applications. <i>Current Opinion in Biomedical Engineering</i> , 2021, 20, 100330.	3.4	17
16	Systematic Analysis of the Functions of Lysine Acetylation in the Regulation of Tat Activity. <i>PLoS ONE</i> , 2013, 8, e67186.	2.5	16
17	Accurate Quantification of Disease Markers in Human Serum Using Iron Oxide Nanoparticle-linked Immunosorbent Assay. <i>Theranostics</i> , 2016, 6, 1353-1361.	10.0	16
18	Diverse roles of HDAC6 in viral infection: Implications for antiviral therapy. , 2016, 164, 120-125.		16

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19	Identification of novel microtubule-binding proteins by taxol-mediated microtubule stabilization and mass spectrometry analysis. <i>Thoracic Cancer</i> , 2015, 6, 649-654.	1.9	12
20	Synthesis and Application of Magnetic Nanocrystal Clusters. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 7613-7625.	3.7	9
21	Controlled oxidation and surface modification increase heating capacity of magnetic iron oxide nanoparticles. <i>Applied Physics Reviews</i> , 2021, 8, .	11.3	7
22	High bone microarchitecture, strength, and resistance to bone loss in MRL/MpJ mice correlates with activation of different signaling pathways and systemic factors. <i>FASEB Journal</i> , 2020, 34, 789-806.	0.5	5
23	An Integrated Microheater Array with Closed-Loop Temperature Regulation Based on Ferromagnetic Resonance of Magnetic Nanoparticles. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2021, PP, 1-1.	4.0	2
24	Histone deacetylase 6 and cytoplasmic linker protein 170 function together to regulate the motility of pancreatic cancer cells. <i>Protein and Cell</i> , 2013, , .	11.0	1