

Ling Zhu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9009195/publications.pdf>

Version: 2024-02-01

23
papers

949
citations

623734

14
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

1771
citing authors

#	ARTICLE	IF	CITATIONS
1	Unraveling the roles of CD44/CD24 and ALDH1 as cancer stem cell markers in tumorigenesis and metastasis. <i>Scientific Reports</i> , 2017, 7, 13856.	3.3	317
2	Persistent Regulation of Tumor Hypoxia Microenvironment via a Bioinspired Pt-Based Oxygen Nanogenerator for Multimodal Imaging-Guided Synergistic Phototherapy. <i>Advanced Science</i> , 2020, 7, 1903341.	11.2	115
3	Emerging Nanotechnologies for Liquid Biopsy: The Detection of Circulating Tumor Cells and Extracellular Vesicles. <i>Advanced Materials</i> , 2019, 31, e1805344.	21.0	81
4	Antibody-Mimetic Peptoid Nanosheet for Label-Free Serum-Based Diagnosis of Alzheimer's Disease. <i>Advanced Materials</i> , 2017, 29, 1700057.	21.0	60
5	Evaluation of serum extracellular vesicles as noninvasive diagnostic markers of glioma. <i>Theranostics</i> , 2019, 9, 5347-5358.	10.0	57
6	Enhanced blood-brain-barrier penetrability and tumor-targeting efficiency by peptide-functionalized poly(amidoamine) dendrimer for the therapy of gliomas. <i>Nanotheranostics</i> , 2019, 3, 311-330.	5.2	39
7	Label-free detection of Alzheimer's disease through the ADP3 peptoid recognizing the serum amyloid-beta42 peptide. <i>Chemical Communications</i> , 2015, 51, 718-721.	4.1	38
8	Improved tumor targeting and penetration by a dual-functional poly(amidoamine) dendrimer for the therapy of triple-negative breast cancer. <i>Journal of Materials Chemistry B</i> , 2019, 7, 3724-3736.	5.8	38
9	Quantitative Nanomechanical Analysis of Small Extracellular Vesicles for Tumor Malignancy Indication. <i>Advanced Science</i> , 2021, 8, e2100825.	11.2	28
10	Diagnosis of Mild Cognitive Impairment and Alzheimer's Disease by the Plasma and Serum Amyloid-beta 42 Assay through Highly Sensitive Peptoid Nanosheet Sensor. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 9693-9700.	8.0	24
11	Noninvasive Diagnosis and Molecular Phenotyping of Breast Cancer through Microbead-Assisted Flow Cytometry Detection of Tumor-Derived Extracellular Vesicles. <i>Small Methods</i> , 2018, 2, 1800122.	8.6	20
12	Diagnosis of Invasive Nonfunctional Pituitary Adenomas by Serum Extracellular Vesicles. <i>Analytical Chemistry</i> , 2019, 91, 9580-9589.	6.5	18
13	Peptide-Polyphenol (KLVFF/EGCG) Binary Modulators for Inhibiting Aggregation and Neurotoxicity of Amyloid- β Peptide. <i>ACS Omega</i> , 2019, 4, 4233-4242.	3.5	18
14	Antiamyloidogenic Activity of β 42-Binding Peptoid in Modulating Amyloid Oligomerization. <i>Small</i> , 2017, 13, 1602857.	10.0	17
15	In Situ Observation of Amyloid Nucleation and Fibrillation by FastScan Atomic Force Microscopy. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 214-222.	4.6	17
16	Detection of Parkinson's Disease through the Peptoid Recognizing α -Synuclein in Serum. <i>ACS Chemical Neuroscience</i> , 2019, 10, 1204-1208.	3.5	14
17	Nanotechnologies: Emerging Nanotechnologies for Liquid Biopsy: The Detection of Circulating Tumor Cells and Extracellular Vesicles (<i>Adv. Mater.</i> 45/2019). <i>Advanced Materials</i> , 2019, 31, 1970318.	21.0	10
18	Liquid Biopsy: Noninvasive Diagnosis and Molecular Phenotyping of Breast Cancer through Microbead-Assisted Flow Cytometry Detection of Tumor-Derived Extracellular Vesicles (<i>Small Methods</i>)	21.0	10

#	ARTICLE	IF	CITATIONS
19	Peptoid Nanosheet-Based Sensing System for the Diagnosis and Surveillance of Amnesic Mild Cognitive Impairment and Alzheimer's Disease. ACS Chemical Neuroscience, 2021, 12, 4257-4264.	3.5	5
20	Machine Learning-Assisted Dual-Marker Detection in Serum Small Extracellular Vesicles for the Diagnosis and Prognosis Prediction of Non-Small Cell Lung Cancer. Nanomaterials, 2022, 12, 809.	4.1	5
21	Peptoids: Anti-amyloidogenic Activity of Aβ ₄₂ -Binding Peptoid in Modulating Amyloid Oligomerization (Small 1/2017). Small, 2017, 13, .	10.0	3
22	BSA-MnO ₂ -SAL multifunctional nanoparticle-mediated M ₁ macrophages polarization for glioblastoma therapy. RSC Advances, 2021, 11, 35331-35341.	3.6	3
23	Peptide-binding induced inhibition of chemokine CXCL12. RSC Advances, 2017, 7, 21298-21307.	3.6	2