Ling Zhu

List of Publications by Year
in descending order

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	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
2	Quantitative Nanomechanical Analysis of Small Extracellular Vesicles for Tumor Malignancy Indication. Advanced Science, 2021, 8, e2100825.	11.2	28
3	Peptoid Nanosheet-Based Sensing System for the Diagnosis and Surveillance of Amnestic Mild Cognitive Impairment and Alzheimer's Disease. ACS Chemical Neuroscience, 2021, 12, 4257-4264.	3.5	5
4	BSA–MnO_2–SAL multifunctional nanoparticle-mediated M_1 macrophages polarization for glioblastoma therapy. RSC Advances, 2021, 11, 35331-35341.	3.6	3
5	Persistent Regulation of Tumor Hypoxia Microenvironment via a Bioinspired Pt‑Based Oxygen Nanogenerator for Multimodal Imaging‑Guided Synergistic Phototherapy. Advanced Science, 2020, 7, 1903341.	11.2	115
6	Diagnosis of Mild Cognitive Impairment and Alzheimer's Disease by the Plasma and Serum Amyloid-beta 42 Assay through Highly Sensitive Peptoid Nanosheet Sensor. ACS Applied Materials & Interfaces, 2020, 12, 9693-9700.	8.0	24
7	Evaluation of serum extracellular vesicles as noninvasive diagnostic markers of glioma. Theranostics, 2019, 9, 5347-5358.	10.0	57
8	Diagnosis of Invasive Nonfunctional Pituitary Adenomas by Serum Extracellular Vesicles. Analytical Chemistry, 2019, 91, 9580-9589.	6.5	18
9	Enhanced blood-brain-barrier penetrability and tumor-targeting efficiency by peptide-functionalized poly(amidoamine) dendrimer for the therapy of gliomas. Nanotheranostics, 2019, 3, 311-330.	5.2	39
10	Nanotechnologies: Emerging Nanotechnologies for Liquid Biopsy: The Detection of Circulating Tumor Cells and Extracellular Vesicles (Adv. Mater. 45/2019). Advanced Materials, 2019, 31, 1970318.	21.0	10
11	Detection of Parkinson's Disease through the Peptoid Recognizing α-Synuclein in Serum. ACS Chemical Neuroscience, 2019, 10, 1204-1208.	3.5	14
12	Improved tumor targeting and penetration by a dual-functional poly(amidoamine) dendrimer for the therapy of triple-negative breast cancer. Journal of Materials Chemistry B, 2019, 7, 3724-3736.	5.8	38
13	Peptide–Polyphenol (KLVFF/EGCG) Binary Modulators for Inhibiting Aggregation and Neurotoxicity of Amyloid-β Peptide. ACS Omega, 2019, 4, 4233-4242.	3.5	18
14	Emerging Nanotechnologies for Liquid Biopsy: The Detection of Circulating Tumor Cells and Extracellular Vesicles. Advanced Materials, 2019, 31, e1805344.	21.0	81
15	In Situ Observation of Amyloid Nucleation and Fibrillation by FastScan Atomic Force Microscopy. Journal of Physical Chemistry Letters, 2019, 10, 214-222.	4.6	17
16	Liquid Biospy: Noninvasive Diagnosis and Molecular Phenotyping of Breast Cancer through Microbead‑Assisted Flow Cytometry Detection of Tumor‑Derived Extracellular Vesicles (Small Methods) Tj ETQq0 0 0 rgBT /Overlock	8.6	5
17	Noninvasive Diagnosis and Molecular Phenotyping of Breast Cancer through Microbead‑Assisted Flow Cytometry Detection of Tumor‑Derived Extracellular Vesicles. Small Methods, 2018, 2, 1800122.	8.6	20
18	Peptoids: Antiamyloidogenic Activity of Aβ42-Binding Peptoid in Modulating Amyloid Oligomerization (Small 1/2017). Small, 2017, 13, .	10.0	3

#	Article	IF	Citations
19	Peptide-binding induced inhibition of chemokine CXCL12. RSC Advances, 2017, 7, 21298-21307.	3.6	2
20	Antibody‐Mimetic Peptoid Nanosheet for Label‐Free Serum‐Based Diagnosis of Alzheimer's Disease. Advanced Materials, 2017, 29, 1700057.	21.0	60
21	Unraveling the roles of CD44/CD24 and ALDH1 as cancer stem cell markers in tumorigenesis and metastasis. Scientific Reports, 2017, 7, 13856.	3.3	317
22	Antiamyloidogenic Activity of Aβ42-Binding Peptoid in Modulating Amyloid Oligomerization. Small, 2017, 13, 1602857.	10.0	17
23	Label-free detection of Alzheimer's disease through the ADP3 peptoid recognizing the serum amyloid-beta42 peptide. Chemical Communications, 2015, 51, 718-721.	4.1	38