

Zhiyuan Hu

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,060
citations

516710

16
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

1931
citing authors

#	ARTICLE	IF	CITATIONS
1	A mini-review on peptide-based self-assemblies and their biological applications. <i>Nanotechnology</i> , 2022, 33, 062004.	2.6	15
2	A novel PD-L1 targeting peptide self-assembled nanofibers for sensitive tumor imaging and photothermal immunotherapy in vivo. <i>Nano Research</i> , 2022, 15, 7286-7294.	10.4	11
3	A Microfluidic Chip for Efficient Circulating Tumor Cells Enrichment, Screening, and Single-Cell RNA Sequencing. <i>Proteomics</i> , 2021, 21, e2000060.	2.2	13
4	Novel Peptide-Based Magnetic Nanoparticle for Mesenchymal Circulating Tumor Cells Detection. <i>Analytical Chemistry</i> , 2021, 93, 5670-5675.	6.5	24
5	Biocompatibility of Bacterial Magnetosomes as MRI Contrast Agent: A Long-Term In Vivo Follow-Up Study. <i>Nanomaterials</i> , 2021, 11, 1235.	4.1	19
6	Assessment of PD-L1 Expression on Circulating Tumor Cells for Predicting Clinical Outcomes in Patients with Cancer Receiving PD-1/PD-L1 Blockade Therapies. <i>Oncologist</i> , 2021, 26, e2227-e2238.	3.7	23
7	A comprehensive assessment of the biocompatibility of <i>Magnetospirillum gryphiswaldense</i> MSR-1 bacterial magnetosomes in vitro and in vivo. <i>Toxicology</i> , 2021, 462, 152949.	4.2	8
8	Recent Advances in the Application Peptide and Peptoid in Diagnosis Biomarkers of Alzheimer's Disease in Blood. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 778955.	2.9	4
9	Efficient isolation and quantification of circulating tumor cells in non-small cell lung cancer patients using peptide-functionalized magnetic nanoparticles. <i>Journal of Thoracic Disease</i> , 2020, 12, 4262-4273.	1.4	17
10	Device for whole genome sequencing single circulating tumor cells from whole blood. <i>Lab on A Chip</i> , 2019, 19, 3168-3178.	6.0	26
11	Microenvironment-Induced In Situ Self-Assembly of Polymer-Peptide Conjugates That Attack Solid Tumors Deeply. <i>Angewandte Chemie</i> , 2019, 131, 4680-4685.	2.0	27
12	Peptosome Coadministration Improves Nanoparticle Delivery to Tumors through NRP1-Mediated Co-Endocytosis. <i>Biomolecules</i> , 2019, 9, 172.	4.0	10
13	Proteomic profiling of RAW264.7 macrophage cells exposed to graphene oxide: insights into acute cellular responses. <i>Nanotoxicology</i> , 2019, 13, 35-49.	3.0	17
14	Anti-PD-1 Antibody SHR-1210 Combined with Apatinib for Advanced Hepatocellular Carcinoma, Gastric, or Esophagogastric Junction Cancer: An Open-label, Dose Escalation and Expansion Study. <i>Clinical Cancer Research</i> , 2019, 25, 515-523.	7.0	354
15	Design of a Simple and Practical Nanosystem Coordinates Tumor Targeting and Penetration for Improved Theranostics. <i>Advanced Therapeutics</i> , 2019, 2, 1800107.	3.2	2
16	Tumor-microenvironment controlled nanomicelles with AIE property for boosting cancer therapy and apoptosis monitoring. <i>Biomaterials</i> , 2019, 188, 96-106.	11.4	48
17	Interaction of gold and silver nanoparticles with human plasma: Analysis of protein corona reveals specific binding patterns. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 152, 317-325.	5.0	69
18	Peptoids: Anti-amyloidogenic Activity of A β 242-Binding Peptoid in Modulating Amyloid Oligomerization (Small 1/2017). <i>Small</i> , 2017, 13, .	10.0	3

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19	Antibodyâ€Mimetic Peptoid Nanosheet for Labelâ€Free Serumâ€Based Diagnosis of Alzheimer's Disease. <i>Advanced Materials</i> , 2017, 29, 1700057.	21.0	60
20	Tumor detection using magnetosome nanoparticles functionalized with a newly screened EGFR/HER2 targeting peptide. <i>Biomaterials</i> , 2017, 115, 53-64.	11.4	65
21	Antiamyloidogenic Activity of A β 242-Binding Peptoid in Modulating Amyloid Oligomerization. <i>Small</i> , 2017, 13, 1602857.	10.0	17
22	Peptide probes derived from pertuzumab by molecular dynamics modeling for HER2 positive tumor imaging. <i>PLoS Computational Biology</i> , 2017, 13, e1005441.	3.2	15
23	Nanoparticle abraxane possesses impaired proliferation in A549 cells due to the underexpression of glucosamine 6-phosphate N-acetyltransferase 1 (GNPNAT1/GNA1). <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 1685-1697.	6.7	32
24	HER2 Targeting Peptides Screening and Applications in Tumor Imaging and Drug Delivery. <i>Theranostics</i> , 2016, 6, 1261-1273.	10.0	45
25	Response of Human Osteoblast to n-HA/PEEKâ€ Quantitative Proteomic Study of Bio-effects of Nano-Hydroxyapatite Composite. <i>Scientific Reports</i> , 2016, 6, 22832.	3.3	31
26	Abraxane, the Nanoparticle Formulation of Paclitaxel Can Induce Drug Resistance by Up-Regulation of P-gp. <i>PLoS ONE</i> , 2015, 10, e0131429.	2.5	70
27	Structure-based Design of Peptides with High Affinity and Specificity to HER2 Positive Tumors. <i>Theranostics</i> , 2015, 5, 1154-1165.	10.0	34