

Zhiyuan Hu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10902557/publications.pdf>

Version: 2024-02-01

35
papers

3,645
citations

218677

26
h-index

361022

35
g-index

35
all docs

35
docs citations

35
times ranked

5960
citing authors

#	ARTICLE	IF	CITATIONS
1	Mouse Organ-Specific Proteins and Functions. <i>Cells</i> , 2021, 10, 3449.	4.1	2
2	<p>>Breakthroughs in medicine and bioimaging with up-conversion nanoparticles</p><p><International Journal of Nanomedicine, 2019, Volume 14, 7759-7780.	6.7	41
3	Targeting Peptide-Based Probes for Molecular Imaging and Diagnosis. <i>Advanced Materials</i> , 2019, 31, e1804827.	21.0	68
4	Molecular Cancer Imaging in the Second Near-Infrared Window Using a Renal-Excreted NIR-Fluorophore-Peptide Probe. <i>Advanced Materials</i> , 2018, 30, e1800106.	21.0	115
5	Antibody-Mimetic Peptoid Nanosheet for Label-Free Serum-Based Diagnosis of Alzheimer's Disease. <i>Advanced Materials</i> , 2017, 29, 1700057.	21.0	60
6	Boosting the down-shifting luminescence of rare-earth nanocrystals for biological imaging beyond 1500 nm. <i>Nature Communications</i> , 2017, 8, 737.	12.8	416
7	Reconfigurable Peptide Nanotherapeutics at Tumor Microenvironmental pH. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 30426-30436.	8.0	32
8	Antiamyloidogenic Activity of A β 242-Binding Peptoid in Modulating Amyloid Oligomerization. <i>Small</i> , 2017, 13, 1602857.	10.0	17
9	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
10	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
11	Pathological-Condition-Driven Construction of Supramolecular Nanoassemblies for Bacterial Infection Detection. <i>Advanced Materials</i> , 2016, 28, 254-262.	21.0	159
12	High-Throughput Peptide Screening on a Bimodal Imprinting Chip Through MS-SPRi Integration. <i>Methods in Molecular Biology</i> , 2016, 1352, 111-125.	0.9	2
13	Energy Migration Engineering of Bright Rare-Earth Upconversion Nanoparticles for Excitation by Light-Emitting Diodes. <i>Advanced Materials</i> , 2015, 27, 6418-6422.	21.0	89
14	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
15	Structure-based Design of Peptides with High Affinity and Specificity to HER2 Positive Tumors. <i>Theranostics</i> , 2015, 5, 1154-1165.	10.0	34
16	Microarray Based Screening of Peptide Nano Probes for HER2 Positive Tumor. <i>Analytical Chemistry</i> , 2015, 87, 8367-8372.	6.5	45
17	Quantitative Proteomic Analysis of Cellular Resistance to the Nanoparticle Abraxane. <i>ACS Nano</i> , 2015, 9, 10099-10112.	14.6	40
18	Label-free detection microarray for novel peptide ligands screening base on MS-SPRi combination. <i>Talanta</i> , 2015, 134, 705-711.	5.5	13

#	ARTICLE	IF	CITATIONS
19	Quantitative Liver-Specific Protein Fingerprint in Blood: A Signature for Hepatotoxicity. <i>Theranostics</i> , 2014, 4, 215-228.	10.0	47
20	Label-Free Quantitative Detection of Tumor-Derived Exosomes through Surface Plasmon Resonance Imaging. <i>Analytical Chemistry</i> , 2014, 86, 8857-8864.	6.5	211
21	Bimodal Imprint Chips for Peptide Screening: Integration of High-Throughput Sequencing by MS and Affinity Analyses by Surface Plasmon Resonance Imaging. <i>Analytical Chemistry</i> , 2014, 86, 3703-3707.	6.5	27
22	A novel refractive index detection method in voltage scanning surface plasmon resonance system. <i>Sensors and Actuators B: Chemical</i> , 2012, 169, 393-396.	7.8	5
23	Circulating microRNA-122 as a potential biomarker for liver injury. <i>Molecular Medicine Reports</i> , 2012, 5, 1428-32.	2.4	67
24	Label-Free Detection with Surface Plasmon Resonance Imaging. <i>Methods in Molecular Biology</i> , 2011, 723, 321-333.	0.9	5
25	Circulating microRNAs, potential biomarkers for drug-induced liver injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4402-4407.	7.1	1,089
26	SPR Imaging for High Throughput, Label-Free Interaction Analysis. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2009, 12, 741-751.	1.1	39
27	Quantitative Serum Proteomics from Surface Plasmon Resonance Imaging. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 2464-2474.	3.8	71
28	Quantitative proteomic approaches for biomarker discovery. <i>Proteomics - Clinical Applications</i> , 2007, 1, 1036-1041.	1.6	11
29	Brain fatty acid synthase activates PPAR α to maintain energy homeostasis. <i>Journal of Clinical Investigation</i> , 2007, 117, 2539-2552.	8.2	183
30	Inhibition of hypothalamic fatty acid synthase triggers rapid activation of fatty acid oxidation in skeletal muscle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 14557-14562.	7.1	91
31	MONITORING ENERGY BALANCE: Metabolites of Fatty Acid Synthesis as Hypothalamic Sensors. <i>Annual Review of Biochemistry</i> , 2005, 74, 515-534.	11.1	80
32	Effect of centrally administered C75, a fatty acid synthase inhibitor, on ghrelin secretion and its downstream effects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 3972-3977.	7.1	61
33	A Role for Hypothalamic Malonyl-CoA in the Control of Food Intake. <i>Journal of Biological Chemistry</i> , 2005, 280, 39681-39683.	3.4	110
34	Long-term effects of a fatty acid synthase inhibitor on obese mice: food intake, hypothalamic neuropeptides, and UCP3. <i>Biochemical and Biophysical Research Communications</i> , 2004, 317, 301-308.	2.1	61
35	Hypothalamic malonyl-CoA as a mediator of feeding behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 12624-12629.	7.1	237