

Zhen Liu

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

494
citations

687220

13
h-index

752573

20
g-index

40
all docs

40
docs citations

40
times ranked

699
citing authors

#	ARTICLE	IF	CITATIONS
1	Colorimetric artificial tongue for protein identification. <i>Biosensors and Bioelectronics</i> , 2011, 26, 3981-3986.	5.3	45
2	BP180 dysfunction triggers spontaneous skin inflammation in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6434-6439.	3.3	36
3	Hydrophobic insertion-based engineering of tumor cell-derived exosomes for SPECT/NIRF imaging of colon cancer. <i>Journal of Nanobiotechnology</i> , 2021, 19, 7.	4.2	36
4	Extracellular vesicles-based pre-targeting strategy enables multi-modal imaging of orthotopic colon cancer and image-guided surgery. <i>Journal of Nanobiotechnology</i> , 2021, 19, 151.	4.2	29
5	Direct Parametric Image Reconstruction in Reduced Parameter Space for Rapid Multi-Tracer PET Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2015, 34, 1498-1512.	5.4	28
6	Salivary High-Risk Human Papillomavirus (HPV) DNA as a Biomarker for HPV-Driven Head and Neck Cancers. <i>Journal of Molecular Diagnostics</i> , 2021, 23, 1334-1342.	1.2	26
7	Recent Advances on Optical Detection Methods and Techniques for Cell-based Microfluidic Systems. <i>Chinese Journal of Analytical Chemistry</i> , 2010, 38, 1357-1365.	0.9	23
8	Predictive value of serum myostatin for the severity and clinical outcome of heart failure. <i>European Journal of Internal Medicine</i> , 2019, 64, 33-40.	1.0	23
9	Angiopep-2/IP10-EGFRvIIIscFv modified nanoparticles and CTL synergistically inhibit malignant glioblastoma. <i>Scientific Reports</i> , 2018, 8, 12827.	1.6	22
10	A small 3D-printing model of macroadenomas for endoscopic endonasal surgery. <i>Pituitary</i> , 2019, 22, 46-53.	1.6	20
11	Radionuclide-Based Imaging of Breast Cancer: State of the Art. <i>Cancers</i> , 2021, 13, 5459.	1.7	18
12	Synergistic Suppression of Glioblastoma Cell Growth by Combined Application of Temozolomide and Dopamine D2 Receptor Antagonists. <i>World Neurosurgery</i> , 2019, 128, e468-e477.	0.7	16
13	Microfluidic radiobioassays: a radiometric detection tool for understanding cellular physiology and pharmacokinetics. <i>Lab on A Chip</i> , 2019, 19, 2315-2339.	3.1	16
14	Quantum Dot-Based Simultaneous Multicolor Imaging. <i>Molecular Imaging and Biology</i> , 2020, 22, 820-831.	1.3	15
15	A Continuously Infused Microfluidic Radioassay System for the Characterization of Cellular Pharmacokinetics. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1548-1555.	2.8	12
16	The dysfunction of BP180/collagen XVII in keratinocytes promotes melanoma progression. <i>Oncogene</i> , 2019, 38, 7491-7503.	2.6	12
17	Enhancing spatial resolution of ¹⁸ F positron imaging with the Timepix detector by classification of primary fired pixels using support vector machine. <i>Physics in Medicine and Biology</i> , 2015, 60, 5261-5278.	1.6	11
18	Clinicopathologic features and treatment advances in cancers with HER2 alterations. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2021, 1876, 188605.	3.3	11

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19	Prognostic role of microRNA-155 expression in gliomas: A meta-analysis. <i>Clinical Neurology and Neurosurgery</i> , 2019, 176, 103-109.	0.6	10
20	A colorimetric aptasensing assay with adjustable color mutation points for threshold-readout detection of carcinoembryonic antigen. <i>Sensors and Actuators B: Chemical</i> , 2022, 350, 130857.	4.0	10
21	Evaluation of Timepix silicon detector for the detection of 18F positrons. <i>Journal of Instrumentation</i> , 2014, 9, C05067-C05067.	0.5	9
22	A mini-panel PET scanner-based microfluidic radiobioassay system allowing high-throughput imaging of real-time cellular pharmacokinetics. <i>Lab on A Chip</i> , 2020, 20, 1110-1123.	3.1	9
23	3D-Printed Hydrogels in Orthopedics: Developments, Limitations, and Perspectives. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 845342.	2.0	9
24	Global Alignment and Proportion (GAP) score in asymptomatic individuals: is it universal?. <i>Spine Journal</i> , 2022, 22, 1566-1575.	0.6	8
25	An enzyme inhibition-based lab-in-a-syringe device for point-of-need determination of pesticides. <i>Analyst</i> , 2020, 145, 3958-3966.	1.7	7
26	A syringe-aided apta-nanosensing method for colorimetric determination of acetamiprid. <i>Analytica Chimica Acta</i> , 2021, 1150, 238118.	2.6	7
27	Intestinal epithelial cell autophagy deficiency suppresses inflammation-associated colon tumorigenesis. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 28, 35-46.	2.3	6
28	Ketamine promotes inflammation through increasing TLR4 expression in RAW264.7 cells. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2015, 35, 419-425.	1.0	5
29	Spermidine Affects Cardiac Function in Heart Failure Mice by Influencing the Gut Microbiota and Cardiac Galectin-3. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 765591.	1.1	5
30	One-step synthesis of an 18F-labeled boron-derived methionine analog: a substitute for 11C-methionine?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 582-584.	3.3	2
31	Coming back to the normal clinic: how has COVID-19 changed us?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2072-2074.	3.3	2
32	Interleukin 17A Derived from $\hat{I}3\hat{I}$ T Cell Induces Demyelination of the Brain in <i>Angiostrongylus cantonensis</i> Infection. <i>Molecular Neurobiology</i> , 2021, 58, 3968-3982.	1.9	2
33	Proof of concept of a multimodal intravital molecular imaging system for tumour transpathology investigation. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 1157-1165.	3.3	1
34	Visualizing Cytokeratin-14 Levels in Basal-Like Breast Cancer via ImmunoSPECT Imaging. <i>Molecular Pharmaceutics</i> , 2022, 19, 3542-3550.	2.3	1
35	Experimental study on the invasiveness inhibition of bladder cancer cells by nuclear factor- $\hat{I}B$ decoy circular dumbbell oligodeoxynucleotides. <i>Chinese-German Journal of Clinical Oncology</i> , 2006, 5, 438-441.	0.1	0
36	A restored humoral environment ameliorates acute brain injury after <i>Angiostrongylus cantonensis</i> infection. <i>Acta Tropica</i> , 2022, 226, 106232.	0.9	0