Zeyu Zhang

List of Publications by Year
in descending order

36 papers	1,251 citations

471509

17 h-index

414414

32 g-index

37 all docs	37 docs citations	37 times ranked	1145 citing authors

#	Article	IF	Citations
1	ITGB2 as a prognostic indicator and a predictive marker for immunotherapy in gliomas. Cancer Immunology, Immunotherapy, 2022, 71, 645-660.	4.2	32
2	New Mechanisms and Targets of Subarachnoid Hemorrhage: A Focus on Mitochondria. Current Neuropharmacology, 2022, 20, 1278-1296.	2.9	23
3	The Role of Caspase Family in Acute Brain Injury: The Potential Therapeutic Targets in the Future. Current Neuropharmacology, 2022, 20, 1194-1211.	2.9	2
4	Near-Infrared Window II Fluorescence Image-Guided Surgery of High-Grade Gliomas Prolongs the Progression-Free Survival of Patients. IEEE Transactions on Biomedical Engineering, 2022, 69, 1889-1900.	4.2	28
5	Intraoperative fluorescence molecular imaging accelerates the coming of precision surgery in China. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 2531-2543.	6.4	16
6	Novel multifunctional NIR-II aggregation-induced emission nanoparticles-assisted intraoperative identification and elimination of residual tumor. Journal of Nanobiotechnology, 2022, 20, 143.	9.1	12
7	Intraoperative near-infrared fluorescence imaging can identify pelvic nerves in patients with cervical cancer in real time during radical hysterectomy. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 2929-2937.	6.4	11
8	Residual learning network for accurate and stable reconstruction in Cerenkov luminescence tomography. , 2022, , .		1
9	Ozone and Fenton oxidation affected the bacterial community and opportunistic pathogens in biofilms and effluents from GAC. Water Research, 2022, 218, 118495.	11.3	9
10	TRP Family Genes Are Differently Expressed and Correlated with Immune Response in Glioma. Brain Sciences, 2022, 12, 662.	2.3	2
11	Visualisation of pelvic autonomic nerves using NIR-II fluorescence imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 4752-4754.	6.4	2
12	Real-time intraoperative glioma diagnosis using fluorescence imaging and deep convolutional neural networks. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 3482-3492.	6.4	25
13	Visualizing Tumors in Real Time: A Highly Sensitive PSMA Probe for NIR-II Imaging and Intraoperative Tumor Resection. Journal of Medicinal Chemistry, 2021, 64, 7735-7745.	6.4	16
14	In vivo multifunctional fluorescence imaging using liposome-coated lanthanide nanoparticles in near-infrared-II/IIa/IIb windows. Nano Today, 2021, 38, 101120.	11.9	51
15	Development of a nomogram for predicting clinical outcome in patients with angiogramâ€negative subarachnoid hemorrhage. CNS Neuroscience and Therapeutics, 2021, 27, 1339-1347.	3.9	9
16	Radiopharmaceutical and Eu3+ doped gadolinium oxide nanoparticles mediated triple-excited fluorescence imaging and image-guided surgery. Journal of Nanobiotechnology, 2021, 19, 212.	9.1	9
17	Establishment of a nomogram with EMP3 for predicting clinical outcomes in patients with glioma: A biâ€center study. CNS Neuroscience and Therapeutics, 2021, 27, 1238-1250.	3.9	7
18	Attention mechanism-based locally connected network for accurate and stable reconstruction in Cerenkov luminescence tomography. Biomedical Optics Express, 2021, 12, 7703.	2.9	8

#	Article	IF	Citations
19	First-in-human liver-tumour surgery guided by multispectral fluorescence imaging in the visible and near-infrared-I/II windows. Nature Biomedical Engineering, 2020, 4, 259-271.	22.5	622
20	A novel in vivo Cerenkov luminescence image‐guided surgery on primary and metastatic colorectal cancer. Journal of Biophotonics, 2020, 13, e201960152.	2.3	8
21	Inhibition of EZH2 (Enhancer of Zeste Homolog 2) Attenuates Neuroinflammation via H3k27me3/SOCS3/TRAF6/NF-κB (Trimethylation of Histone 3 Lysine 27/Suppressor of Cytokine Signaling) Tj ETQq1 1 0.784314 rgBT Hemorrhage. Stroke, 2020, 51, 3320-3331.	2.0	43
22	Non-Negative Iterative Convex Refinement Approach for Accurate and Robust Reconstruction in Cerenkov Luminescence Tomography. IEEE Transactions on Medical Imaging, 2020, 39, 3207-3217.	8.9	26
23	A preliminary study of dual-band confocal laser endomicroscopy combined with image mosaic in the diagnosis of liver cancer. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 29, 102250.	3.3	4
24	NIR-II/NIR-I Fluorescence Molecular Tomography of Heterogeneous Mice Based on Gaussian Weighted Neighborhood Fused Lasso Method. IEEE Transactions on Medical Imaging, 2020, 39, 2213-2222.	8.9	21
25	Tumor Imaging: Radiopharmaceuticals and Fluorescein Sodium Mediated Triple-Modality Molecular Imaging Allows Precise Image-Guided Tumor Surgery (Adv. Sci. 13/2019). Advanced Science, 2019, 6, 1970081.	11.2	0
26	Radiopharmaceuticals and Fluorescein Sodium Mediated Triple‐Modality Molecular Imaging Allows Precise Image‐Guided Tumor Surgery. Advanced Science, 2019, 6, 1900159.	11.2	21
27	A novel Cerenkov luminescence tomography approach using multilayer fully connected neural network. Physics in Medicine and Biology, 2019, 64, 245010.	3.0	19
28	Endoscopic Cerenkov luminescence imaging and image-guided tumor resection on hepatocellular carcinoma-bearing mouse models. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 17, 62-70.	3.3	33
29	Robust sparse reconstruction for Cherenkov luminescence tomography based on look ahead orthogonal matching pursuit algorithm. , 2019, , .		1
30	A Novel Radionuclide Endoscopic Imaging System for Hepatocellular Carcinoma Guided Resection on Murine Models. , 2018, , .		0
31	A novel small molecule mediate 18F-FDG excited fluorescence molecular imaging. , 2018, , .		0
32	Nanoparticle-mediated radiopharmaceutical-excited fluorescence molecular imaging allows precise image-guided tumor-removal surgery. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 1323-1331.	3.3	42
33	Weight Multispectral Reconstruction Strategy for Enhanced Reconstruction Accuracy and Stability With Cerenkov Luminescence Tomography. IEEE Transactions on Medical Imaging, 2017, 36, 1337-1346.	8.9	47
34	In Vivo 3-Dimensional Radiopharmaceutical-Excited Fluorescence Tomography. Journal of Nuclear Medicine, 2017, 58, 169-174.	5.0	34
35	In vivo pentamodal tomographic imaging for small animals. Biomedical Optics Express, 2017, 8, 1356.	2.9	33
36	Non-convex sparse regularization approach framework for high multiple-source resolution in Cerenkov luminescence tomography. Optics Express, 2017, 25, 28068.	3.4	33