Quan Zhou

List of Publications by Year
in descending order

32 papers	1,893 citations	516710 16 h-index	454955 30 g-index
35 all docs	35 docs citations	35 times ranked	3052 citing authors

#	Article	IF	Citations
1	Focused ultrasound: growth potential and future directions in neurosurgery. Journal of Neuro-Oncology, 2022, 156, 23-32.	2.9	3
2	Fluorescence-guided craniotomy of glioblastoma using panitumumab-IRDye800. Neurosurgical Focus Video, 2022, 6, V9.	0.3	1
3	MRI Radiogenomics of Pediatric Medulloblastoma: A Multicenter Study. Radiology, 2022, 304, 406-416.	7.3	27
4	Effect of Formalin Fixation for Near-Infrared Fluorescence Imaging with an Antibody-Dye Conjugate in Head and Neck Cancer Patients. Molecular Imaging and Biology, 2021, 23, 270-276.	2.6	5
5	Safety and Stability of Antibody-Dye Conjugate in Optical Molecular Imaging. Molecular Imaging and Biology, 2021, 23, 109-116.	2.6	8
6	EGFR-targeted intraoperative fluorescence imaging detects high-grade glioma with panitumumab-IRDye800 in a phase 1 clinical trial. Theranostics, 2021, 11, 7130-7143.	10.0	31
7	Metastatic and sentinel lymph node mapping using intravenously delivered Panitumumab-IRDye800CW. Theranostics, 2021, 11, 7188-7198.	10.0	19
8	Molecular imaging of a fluorescent antibody against epidermal growth factor receptor detects high-grade glioma. Scientific Reports, 2021, 11, 5710.	3.3	15
9	In Vivo Evaluation of Near-Infrared Fluorescent Probe for TIM3 Targeting in Mouse Glioma. Molecular Imaging and Biology, 2021, , 1.	2.6	2
10	Optimal Dosing Strategy for Fluorescence-Guided Surgery with Panitumumab-IRDye800CW in Head and Neck Cancer. Molecular Imaging and Biology, 2020, 22, 156-164.	2.6	51
11	Probeâ€based fluorescence dosimetry of an antibodyâ€dye conjugate to identify head and neck cancer as a first step to fluorescenceâ€guided tissue preselection for pathological assessment. Head and Neck, 2020, 42, 59-66.	2.0	7
12	Endoscopic Fluorescenceâ€Guided Surgery for Sinonasal Cancer Using an Antibodyâ€Dye Conjugate. Laryngoscope, 2020, 130, 2811-2817.	2.0	11
13	Tumour-specific fluorescence-guided surgery for pancreatic cancer using panitumumab-IRDye800CW: a phase 1 single-centre, open-label, single-arm, dose-escalation study. The Lancet Gastroenterology and Hepatology, 2020, 5, 753-764.	8.1	51
14	Predicting Therapeutic Antibody Delivery into Human Head and Neck Cancers. Clinical Cancer Research, 2020, 26, 2582-2594.	7.0	33
15	CTNI-42. FIRST-IN-HUMAN FLUORESCENCE GUIDED SURGERY OF HIGH-GRADE GLIOMAS USING PANITUMUMAB-IRDYE800. Neuro-Oncology, 2020, 22, ii51-ii52.	1.2	0
16	Rapid, non-invasive fluorescence margin assessment: Optical specimen mapping in oral squamous cell carcinoma. Oral Oncology, 2019, 88, 58-65.	1.5	75
17	The Clinical Application of Fluorescence-Guided Surgery in Head and Neck Cancer. Journal of Nuclear Medicine, 2019, 60, 758-763.	5.0	79
18	Learning atoms for materials discovery. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E6411-E6417.	7.1	138

#	Article	IF	Citations
19	Visualizing Epithelial Expression in Vertical and Horizontal Planes With Dual Axes Confocal Endomicroscope Using Compact Distal Scanner. IEEE Transactions on Medical Imaging, 2017, 36, 1482-1490.	8.9	14
20	Multimodal laser-based angioscopy for structural, chemical and biological imaging of atherosclerosis. Nature Biomedical Engineering, 2017, 1, .	22.5	38
21	Ultrasmall Paramagnetic Iron Oxide Nanoprobe Targeting Epidermal Growth Factor Receptor for In Vivo Magnetic Resonance Imaging of Hepatocellular Carcinoma. Bioconjugate Chemistry, 2017, 28, 2794-2803.	3.6	11
22	Multiple Types of Topological Fermions in Transition Metal Silicides. Physical Review Letters, 2017, 119, 206402.	7.8	298
23	In vivo near-infrared imaging of ErbB2 expressing breast tumors with dual-axes confocal endomicroscopy using a targeted peptide. Scientific Reports, 2017, 7, 14404.	3.3	10
24	In vivo photoacoustic tomography of EGFR overexpressed in hepatocellular carcinoma mouse xenograft. Photoacoustics, 2016, 4, 43-54.	7.8	14
25	Dirac fermions in an antiferromagnetic semimetal. Nature Physics, 2016, 12, 1100-1104.	16.7	216
26	Visualizing epithelial expression of EGFR in vivo with distal scanning side-viewing confocal endomicroscope. Scientific Reports, 2016, 6, 37315.	3.3	10
27	Integrated monolithic 3D MEMS scanner for switchable real time vertical/horizontal cross-sectional imaging. Optics Express, 2016, 24, 2145.	3.4	43
28	Design and Synthesis of Near-Infrared Peptide for in Vivo Molecular Imaging of HER2. Bioconjugate Chemistry, 2016, 27, 481-494.	3.6	46
29	EGFR Targeting Photoacoustic Probe for Hepatocellular Carcinoma Imaging in Vivo. , 2016, , .		0
30	Chiral topological superconductor and half-integer conductance plateau from quantum anomalous Hall plateau transition. Physical Review B, 2015, 92, .	3.2	146
31	Vertical Cross-sectional Imaging of Colonic Dysplasia In Vivo With Multi-spectral Dual Axes Confocal Endomicroscopy. Gastroenterology, 2014, 146, 615-617.	1.3	22
32	Preparation and characterization of a novel sludge conditioner by Microbial flocculant (MBF) extracted from waste yeast with nano SiO<inf>2</inf> particles. , 2011, , .		0