

# Quan Zhou

## List of Publications by Year in descending order

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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	Multiple Types of Topological Fermions in Transition Metal Silicides. <i>Physical Review Letters</i> , 2017, 119, 206402.	7.8	298
2	Dirac fermions in an antiferromagnetic semimetal. <i>Nature Physics</i> , 2016, 12, 1100-1104.	16.7	216
3	Chiral topological superconductor and half-integer conductance plateau from quantum anomalous Hall plateau transition. <i>Physical Review B</i> , 2015, 92, .	3.2	146
4	Learning atoms for materials discovery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6411-E6417.	7.1	138
5	The Clinical Application of Fluorescence-Guided Surgery in Head and Neck Cancer. <i>Journal of Nuclear Medicine</i> , 2019, 60, 758-763.	5.0	79
6	Rapid, non-invasive fluorescence margin assessment: Optical specimen mapping in oral squamous cell carcinoma. <i>Oral Oncology</i> , 2019, 88, 58-65.	1.5	75
7	Optimal Dosing Strategy for Fluorescence-Guided Surgery with Panitumumab-IRDye800CW in Head and Neck Cancer. <i>Molecular Imaging and Biology</i> , 2020, 22, 156-164.	2.6	51
8	Tumour-specific fluorescence-guided surgery for pancreatic cancer using panitumumab-IRDye800CW: a phase 1 single-centre, open-label, single-arm, dose-escalation study. <i>The Lancet Gastroenterology and Hepatology</i> , 2020, 5, 753-764.	8.1	51
9	Design and Synthesis of Near-Infrared Peptide for in Vivo Molecular Imaging of HER2. <i>Bioconjugate Chemistry</i> , 2016, 27, 481-494.	3.6	46
10	Integrated monolithic 3D MEMS scanner for switchable real time vertical/horizontal cross-sectional imaging. <i>Optics Express</i> , 2016, 24, 2145.	3.4	43
11	Multimodal laser-based angioscopy for structural, chemical and biological imaging of atherosclerosis. <i>Nature Biomedical Engineering</i> , 2017, 1, .	22.5	38
12	Predicting Therapeutic Antibody Delivery into Human Head and Neck Cancers. <i>Clinical Cancer Research</i> , 2020, 26, 2582-2594.	7.0	33
13	EGFR-targeted intraoperative fluorescence imaging detects high-grade glioma with panitumumab-IRDye800 in a phase 1 clinical trial. <i>Theranostics</i> , 2021, 11, 7130-7143.	10.0	31
14	MRI Radiogenomics of Pediatric Medulloblastoma: A Multicenter Study. <i>Radiology</i> , 2022, 304, 406-416.	7.3	27
15	Vertical Cross-sectional Imaging of Colonic Dysplasia In Vivo With Multi-spectral Dual Axes Confocal Endomicroscopy. <i>Gastroenterology</i> , 2014, 146, 615-617.	1.3	22
16	Metastatic and sentinel lymph node mapping using intravenously delivered Panitumumab-IRDye800CW. <i>Theranostics</i> , 2021, 11, 7188-7198.	10.0	19
17	Molecular imaging of a fluorescent antibody against epidermal growth factor receptor detects high-grade glioma. <i>Scientific Reports</i> , 2021, 11, 5710.	3.3	15
18	In vivo photoacoustic tomography of EGFR overexpressed in hepatocellular carcinoma mouse xenograft. <i>Photoacoustics</i> , 2016, 4, 43-54.	7.8	14

#	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	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
21	Endoscopic Fluorescence-Guided Surgery for Sinonasal Cancer Using an Antibody-Dye Conjugate. Laryngoscope, 2020, 130, 2811-2817.	2.0	11
22	Visualizing epithelial expression of EGFR in vivo with distal scanning side-viewing confocal endomicroscope. Scientific Reports, 2016, 6, 37315.	3.3	10
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	Safety and Stability of Antibody-Dye Conjugate in Optical Molecular Imaging. Molecular Imaging and Biology, 2021, 23, 109-116.	2.6	8
25	Probe-based fluorescence dosimetry of an antibody-dye conjugate to identify head and neck cancer as a first step to fluorescence-guided tissue preselection for pathological assessment. Head and Neck, 2020, 42, 59-66.	2.0	7
26	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
27	Focused ultrasound: growth potential and future directions in neurosurgery. Journal of Neuro-Oncology, 2022, 156, 23-32.	2.9	3
28	In Vivo Evaluation of Near-Infrared Fluorescent Probe for TIM3 Targeting in Mouse Glioma. Molecular Imaging and Biology, 2021, , 1.	2.6	2
29	Fluorescence-guided craniotomy of glioblastoma using panitumumab-IRDye800. Neurosurgical Focus Video, 2022, 6, V9.	0.3	1
30	Preparation and characterization of a novel sludge conditioner by Microbial flocculant (MBF) extracted from waste yeast with nano SiO <sub>2</sub> particles. , 2011, , .		0
31	EGFR Targeting Photoacoustic Probe for Hepatocellular Carcinoma Imaging in Vivo. , 2016, , .		0
32	CTNI-42. FIRST-IN-HUMAN FLUORESCENCE GUIDED SURGERY OF HIGH-GRADE GLIOMAS USING PANITUMUMAB-IRDYE800. Neuro-Oncology, 2020, 22, ii51-ii52.	1.2	0