

Yingtian Pan

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

736
citations

567144

15
h-index

552653

26
g-index

33
all docs

33
docs citations

33
times ranked

1182
citing authors

#	ARTICLE	IF	CITATIONS
1	LncRNA MALAT1 functions as a competing endogenous RNA to regulate ZEB2 expression by sponging miR-200s in clear cell kidney carcinoma. <i>Oncotarget</i> , 2015, 6, 38005-38015.	0.8	192
2	Synchronized Astrocytic Ca ²⁺ Responses in Neurovascular Coupling during Somatosensory Stimulation and for the Resting State. <i>Cell Reports</i> , 2018, 23, 3878-3890.	2.9	55
3	Low-frequency calcium oscillations accompany deoxyhemoglobin oscillations in rat somatosensory cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4677-86.	3.3	49
4	Optical coherence Doppler tomography for quantitative cerebral blood flow imaging. <i>Biomedical Optics Express</i> , 2014, 5, 3217.	1.5	45
5	Ultrasensitive detection of 3D cerebral microvascular network dynamics in vivo. <i>NeuroImage</i> , 2014, 103, 492-501.	2.1	38
6	Automated segmentation and quantification of OCT angiography for tracking angiogenesis progression. <i>Biomedical Optics Express</i> , 2017, 8, 5604.	1.5	36
7	Long-term optical imaging of neurovascular coupling in mouse cortex using GCaMP6f and intrinsic hemodynamic signals. <i>NeuroImage</i> , 2018, 165, 251-264.	2.1	28
8	Optical Coherence Tomography: A Noninvasive Method to Assess Wound Reepithelialization. <i>Academic Emergency Medicine</i> , 2007, 14, 387-391.	0.8	27
9	Enhancing Detection of Bladder Carcinoma In Situ by 3-Dimensional Optical Coherence Tomography. <i>Journal of Urology</i> , 2010, 184, 1499-1506.	0.2	24
10	Cerebral blood flow imaged with ultrahigh-resolution optical coherence angiography and Doppler tomography. <i>Optics Letters</i> , 2012, 37, 1388.	1.7	24
11	Cocaine-induced ischemia in prefrontal cortex is associated with escalation of cocaine intake in rodents. <i>Molecular Psychiatry</i> , 2020, 25, 1759-1776.	4.1	23
12	Chronic cocaine disrupts neurovascular networks and cerebral function: optical imaging studies in rodents. <i>Journal of Biomedical Optics</i> , 2016, 21, 026006.	1.4	21
13	High-speed swept source optical coherence Doppler tomography for deep brain microvascular imaging. <i>Scientific Reports</i> , 2016, 6, 38786.	1.6	19
14	Cocaine-Induced Abnormal Cerebral Hemodynamic Responses to Forepaw Stimulation Assessed by Integrated Multi-Wavelength Spectroimaging and Laser Speckle Contrast Imaging. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2016, 22, 146-153.	1.9	19
15	Quantitative imaging of microvascular blood flow networks in deep cortical layers by 1310-nm $\frac{1}{4}$ ODT. <i>Optics Letters</i> , 2015, 40, 4293.	1.7	18
16	Interactions between stimuli-evoked cortical activity and spontaneous low frequency oscillations measured with neuronal calcium. <i>NeuroImage</i> , 2020, 210, 116554.	2.1	16
17	Cerebrovascular adaptations to cocaine-induced transient ischemic attacks in the rodent brain. <i>JCI Insight</i> , 2017, 2, e90809.	2.3	16
18	Hemodynamic and neuronal responses to cocaine differ in awake versus anesthetized animals: Optical brain imaging study. <i>NeuroImage</i> , 2019, 188, 188-197.	2.1	13

#	ARTICLE	IF	CITATIONS
19	Enhanced neuronal and blunted hemodynamic reactivity to cocaine in the prefrontal cortex following extended cocaine access: optical imaging study in anesthetized rats. <i>Addiction Biology</i> , 2019, 24, 485-497.	1.4	13
20	Volumetric Doppler angle correction for ultrahigh-resolution optical coherence Doppler tomography. <i>Applied Physics Letters</i> , 2017, 110, 011102.	1.5	12
21	Optical imaging of stimulation-evoked cortical activity using GCaMP6f and jRGECO1a. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 11, 998-1009.	1.1	9
22	Automated motion-artifact correction in an OCTA image using tensor voting approach. <i>Applied Physics Letters</i> , 2018, 113, 101102.	1.5	7
23	Deep learning-based motion correction in optical coherence tomography angiography. <i>Journal of Biophotonics</i> , 2021, 14, e202100097.	1.1	7
24	Cocaine Decreases Spontaneous Neuronal Activity and Increases Low-Frequency Neuronal and Hemodynamic Cortical Oscillations. <i>Cerebral Cortex</i> , 2019, 29, 1594-1606.	1.6	5
25	A deep learning-based approach for noise reduction in high-speed optical coherence Doppler tomography. <i>Journal of Biophotonics</i> , 2020, 13, e202000084.	1.1	5
26	OPTICAL COHERENCE TOMOGRAPHY FOR BLADDER CANCER DIAGNOSIS: FROM ANIMAL STUDY TO CLINICAL DIAGNOSIS. <i>Journal of Innovative Optical Health Sciences</i> , 2008, 01, 125-140.	0.5	4
27	Cerebral capillary flow imaging by wavelength-division-multiplexing swept-source optical Doppler tomography. <i>Journal of Biophotonics</i> , 2018, 11, e201800004.	1.1	4
28	In vivo detection of tumor boundary using ultrahigh-resolution optical coherence angiography and fluorescence imaging. <i>Journal of Biophotonics</i> , 2020, 13, e201960091.	1.1	4
29	Cocaine's effects on the reactivity of the medial prefrontal cortex to ventral tegmental area stimulation: optical imaging study in mice. <i>Addiction</i> , 2022, 117, 2242-2253.	1.7	3
30	Laser Doppler speckle contrast imaging of cerebral blood flow during functional activation in rat somatosensory cortex. , 2007, , .		0
31	Simultaneous assessing the intracellular potassium and calcium concentrations noninvasively in vivo with high resolution fluorescence imaging. , 2011, , .		0
32	Chronic cocaine exposure causes reduced blood flow and vasoconstriction in mouse prefrontal cortex in vivo. <i>Molecular Psychiatry</i> , 2020, 25, 1605-1605.	4.1	0
33	Volumetric absolute blood flow measurement with fully connected vasculature network using Doppler optical coherence tomography. , 2019, , .		0