Qiushi Ren

List of Publications by Year
in descending order

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49	1,007	567281 15	454955 30
papers	citations	h-index	g-index

50	50	50	1770
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Functional imaging of human retina using integrated multispectral and laser speckle contrast imaging. Journal of Biophotonics, 2022, 15, e202100285.	2.3	15
2	Rethinking the neighborhood information for deep learningâ€based optical coherence tomography angiography. Medical Physics, 2022, 49, 3705-3716.	3.0	2
3	A Boronated Derivative of Temozolomide Showing Enhanced Efficacy in Boron Neutron Capture Therapy of Glioblastoma. Cells, 2022, 11, 1173.	4.1	5
4	Synergistically segmenting choroidal layer and vessel using deep learning for choroid structure analysis. Physics in Medicine and Biology, 2022, 67, 085001.	3.0	3
5	Triplet Cross-Fusion Learning for Unpaired Image Denoising in Optical Coherence Tomography. IEEE Transactions on Medical Imaging, 2022, 41, 3357-3372.	8.9	12
6	Retinal vessel oxygen saturation in patients with unilateral internal carotid artery stenosis: a pilot study. Acta Ophthalmologica, 2021, 99, e13-e18.	1.1	3
7	<scp>N2NSRâ€OCT</scp>: Simultaneous denoising and superâ€resolution in optical coherence tomography images using semisupervised deep learning. Journal of Biophotonics, 2021, 14, e202000282.	2.3	23
8	Multiple Lesions Insertion: boosting diabetic retinopathy screening through Poisson editing. Biomedical Optics Express, 2021, 12, 2773.	2.9	3
9	Machine learning based strategy surpasses the traditional method for selecting the first trial Lens parameters for corneal refractive therapy in Chinese adolescents with myopia. Contact Lens and Anterior Eye, 2021, 44, 101330.	1.7	11
10	Comparative study of deep neural networks with unsupervised <scp>Noise2Noise</scp> strategy for noise reduction of optical coherence tomography images. Journal of Biophotonics, 2021, 14, e202100151.	2.3	17
11	Automated Analysis of Choroidal Sublayer Morphologic Features in Myopic Children Using EDI-OCT by Deep Learning. Translational Vision Science and Technology, 2021, 10, 12.	2.2	9
12	A machine learning-based algorithm used to estimate the physiological elongation of ocular axial length in myopic children. Eye and Vision (London, England), 2020, 7, 50.	3.0	27
13	Association of Cigarette Smoking with Sleep Disturbance and Neurotransmitters in Cerebrospinal Fluid . Nature and Science of Sleep, 2020, Volume 12, 801-808.	2.7	14
14	Fibronectin-targeted dual-acting micelles for combination therapy of metastatic breast cancer. Signal Transduction and Targeted Therapy, 2020, 5, 12.	17.1	41
15	Noise reduction in optical coherence tomography images using a deep neural network with perceptually-sensitive loss function. Biomedical Optics Express, 2020, 11, 817.	2.9	71
16	Comparative study of deep learning models for optical coherence tomography angiography. Biomedical Optics Express, 2020, 11, 1580.	2.9	35
17	Retinal choroidal vessel imaging based on multi-wavelength fundus imaging with the guidance of optical coherence tomography. Biomedical Optics Express, 2020, 11, 5212.	2.9	6
18	Developing a potential retinal OCT biomarker for local growth of geographic atrophy. Biomedical Optics Express, 2020, 11, 5181.	2.9	5

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19	Retinal image synthesis from multiple-landmarks input with generative adversarial networks. BioMedical Engineering OnLine, 2019, 18, 62.	2.7	59
20	A deep learning based pipeline for optical coherence tomography angiography. Journal of Biophotonics, 2019, 12, e201900008.	2.3	31
21	A learningâ€based material decomposition pipeline for multiâ€energy xâ€ray imaging. Medical Physics, 2019, 46, 689-703.	3.0	24
22	Material Decomposition Using Ensemble Learning for Spectral X-ray Imaging. IEEE Transactions on Radiation and Plasma Medical Sciences, 2018, 2, 194-204.	3.7	14
23	In vivo long-term investigation of tumor bearing mKate2 by an in-house fluorescence molecular imaging system. BioMedical Engineering OnLine, 2018, 17, 187.	2.7	5
24	A super-resolution method-based pipeline for fundus fluorescein angiography imaging. BioMedical Engineering OnLine, 2018, 17, 125.	2.7	11
25	Graphene/Intermetallic PtPb Nanoplates Composites for Boosting Electrochemical Detection of H₂O₂Released from Cells. Analytical Chemistry, 2017, 89, 3761-3767.	6.5	186
26	Validation of Bevacizumab Therapy Effect on Colon Cancer Subtypes by Using Whole Body Imaging in Mice. Molecular Imaging and Biology, 2017, 19, 847-856.	2.6	4
27	Establishing Reliable Cu-64 Production Process: From Target Plating to Molecular Specific Tumor Micro-PET Imaging. Molecules, 2017, 22, 641.	3.8	33
28	Optical modelling of a supplementary tunable air-spaced goggle lens for rodent eye imaging. PLoS ONE, 2017, 12, e0181111.	2.5	0
29	Electrically Evoked Responses in the Rabbit Cortex Induced by Current Steering With Penetrating Optic Nerve Electrodes. , 2016, 57, 6327.		16
30	Evaluation of a Wobbling Method Applied to Correcting Defective Pixels of CZT Detectors in SPECT Imaging. Sensors, 2016, 16, 772.	3.8	2
31	Targeted Aucore-Agshell nanorods as a dual-functional contrast agent for photoacoustic imaging and photothermal therapy. Biomedical Optics Express, 2016, 7, 1830.	2.9	12
32	Bridge to real data: Empirical multiple material calibration for learning-based material decomposition. , 2016, , .		2
33	Mirror-enhanced super-resolution microscopy. Light: Science and Applications, 2016, 5, e16134-e16134.	16.6	74
34	⁶⁴Cu-Doped PdCu@Au Tripods: A Multifunctional Nanomaterial for Positron Emission Tomography and Image-Guided Photothermal Cancer Treatment. ACS Nano, 2016, 10, 3121-3131.	14.6	96
35	A NOVEL METHOD TO EVALUATE HUMAN LOCOMOTION ABILITY BASED ON THE FINITE ELEMENT MODELING AND SIMULATION OF MUSCULOSKELETAL SYSTEM. Biomedical Engineering - Applications, Basis and Communications, 2015, 27, 1550010.	0.6	1
36	A modularly designed fluorescence molecular tomography system for multi-modality imaging. Journal of X-Ray Science and Technology, 2015, 23, 147-156.	1.0	1

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37	PEGylated Aucoreâ€“Agshell Nanorods as Optical Coherence Tomography Signal Nanoamplifiers. Plasmonics, 2015, 10, 1381-1389.	3.4	6
38	Establishment of an mKate2-Expressing Cell Line for Non-Invasive Real-Time Breast Cancer In Vivo Imaging. Molecular Imaging and Biology, 2015, 17, 811-818.	2.6	5
39	Dual band dual focus optical coherence tomography for imaging the whole eye segment. Biomedical Optics Express, 2015, 6, 2481.	2.9	27
40	Properties of electrically evoked potentials activated by optic nerve stimulation with penetrating electrodes of different modes in rabbits. Graefe's Archive for Clinical and Experimental Ophthalmology, 2015, 253, 2171-2180.	1.9	3
41	Biocompatible hyaluronic acid polymer-coated quantum dots for CD44+ cancer cell-targeted imaging. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	15
42	Viscous optical clearing agent forin vivooptical imaging. Journal of Biomedical Optics, 2014, 19, 076019.	2.6	13
43	Concentration dependence of optical clearing on the enhancement of laser-scanning optical-resolution photoacoustic microscopy imaging. Journal of Biomedical Optics, 2014, 19, 036019.	2.6	11
44	Accommodation-induced variations in retinal thickness measured by spectral domain optical coherence tomography. Journal of Biomedical Optics, 2014, 19, 096012.	2.6	10
45	An Integrated Quad-Modality Molecular Imaging System for Small Animals. Journal of Nuclear Medicine, 2014, 55, 1375-1379.	5.0	23
46	Simulated phosphene model for visual prosthesis. , 2012, , .		0
47	Recognition of Chinese character formed by irregular simulated phosphene arrays. , 2012, , .		0
48	Systematic design of a cross-polarized dermoscope for visual inspection and digital imaging. IEEE Instrumentation and Measurement Magazine, 2011, 14, 26-31.	1.6	3
49	Hacking the optical diffraction limit: Review on recent developments of fluorescence nanoscopy. Science Bulletin, 2011, 56, 1857-1876.	1.7	18