

Si Chen

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

262
citations

932766

10
h-index

940134

16
g-index

23
all docs

23
docs citations

23
times ranked

278
citing authors

#	ARTICLE	IF	CITATIONS
1	The prevalence of lower eyelid epiblepharon and its association with refractive errors in Chinese preschool children: a cross-sectional study. <i>BMC Ophthalmology</i> , 2021, 21, 3.	0.6	6
2	High Resolution Optical Coherence Tomography. <i>Journal of Lightwave Technology</i> , 2021, 39, 3824-3835.	2.7	24
3	Photodynamic Bubble-Generating Microneedles for Enhanced Transdermal Cancer Therapy. <i>ACS Applied Polymer Materials</i> , 2021, 3, 6502-6512.	2.0	6
4	Evaluation of ultrahigh-resolution optical coherence tomography for basal cell carcinoma, seborrheic keratosis, and nevus. <i>Skin Research and Technology</i> , 2020, 27, 479-485.	0.8	6
5	Resolution enhancement and realistic speckle recovery with generative adversarial modeling of micro-optical coherence tomography. <i>Biomedical Optics Express</i> , 2020, 11, 7236.	1.5	16
6	Interferometer-in-Spectrometer for High-Resolution Optical Coherence Tomography. <i>Journal of Sensors</i> , 2020, 2020, 1-6.	0.6	0
7	Understanding optical reflectance contrast for real-time characterization of epithelial precursor lesions. <i>Bioengineering and Translational Medicine</i> , 2019, 4, e10137.	3.9	10
8	Geometry-Dependent Spectroscopic Contrast in Deep Tissues. <i>IScience</i> , 2019, 19, 965-975.	1.9	15
9	Contrast of nuclei in stratified squamous epithelium in optical coherence tomography images at 800 nm. <i>Journal of Biophotonics</i> , 2019, 12, e201900073.	1.1	10
10	Optical Coherence Tomography With Gapped Spectrum. <i>IEEE Photonics Journal</i> , 2019, 11, 1-9.	1.0	2
11	Constrained polarization evolution simplifies depth-resolved retardation measurements with polarization-sensitive optical coherence tomography. <i>Biomedical Optics Express</i> , 2019, 10, 5207.	1.5	12
12	Single input state polarization-sensitive optical coherence tomography with high resolution and polarization distortion correction. <i>Optics Express</i> , 2019, 27, 6910.	1.7	9
13	Endoscopic optical coherence tomography for cellular resolution imaging of gastrointestinal tracts. <i>Journal of Biophotonics</i> , 2018, 11, e201700141.	1.1	13
14	Novel application of In Vivo Micro-Optical Coherence Tomography to assess Cornea scarring in an Animal Model. <i>Scientific Reports</i> , 2018, 8, 11483.	1.6	4
15	Contrast enhancement of spectral domain optical coherence tomography using spectrum correction. <i>Computers in Biology and Medicine</i> , 2017, 89, 505-511.	3.9	3
16	Visualizing Micro-anatomical Structures of the Posterior Cornea with Micro-optical Coherence Tomography. <i>Scientific Reports</i> , 2017, 7, 10752.	1.6	38
17	Contrast enhancement of spectral domain optical coherence tomography using spectrum correction. , 2017, , .		1
18	Micro-optical coherence tomography endoscopic imaging of rat colon ex vivo. , 2017, , .		0

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19	Towards High Speed Imaging of Cellular Structures in Rat Colon Using Micro-Optical Coherence Tomography. IEEE Photonics Journal, 2016, , 1-1.	1.0	10
20	Evaluation of a Micro-Optical Coherence Tomography for the Corneal Endothelium in an Animal Model. Scientific Reports, 2016, 6, 29769.	1.6	27
21	Modeling of Mechanical Stress Exerted by Cholesterol Crystallization on Atherosclerotic Plaques. PLoS ONE, 2016, 11, e0155117.	1.1	9
22	Spectral estimation optical coherence tomography for axial super-resolution. Optics Express, 2015, 23, 26521.	1.7	41