

Kanheng Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

185
citations

1163117

8
h-index

1199594

12
g-index

16
all docs

16
docs citations

16
times ranked

178
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a clinical prototype of a miniature hand-held optical coherence tomography probe for prematurity and pediatric ophthalmic imaging. <i>Biomedical Optics Express</i> , 2019, 10, 2383.	2.9	37
2	Spatial resolution in dynamic optical coherence elastography. <i>Journal of Biomedical Optics</i> , 2019, 24, 1.	2.6	34
3	Handheld swept-source optical coherence tomography with angiography in awake premature neonates. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019, 9, 1495-1502.	2.0	29
4	Quantitative Handheld Swept-Source Optical Coherence Tomography Angiography in Awake Preterm and Full-Term Infants. <i>Translational Vision Science and Technology</i> , 2020, 9, 19.	2.2	20
5	Visualizing choriocapillaris using swept-source optical coherence tomography angiography with various probe beam sizes. <i>Biomedical Optics Express</i> , 2019, 10, 2847.	2.9	15
6	High-intensity focused ultrasound and phase-sensitive optical coherence tomography for high resolution surface acoustic wave elastography. <i>Journal of Biophotonics</i> , 2018, 11, e201700051.	2.3	12
7	Feasibility study of using the dispersion of surface acoustic wave impulse for viscoelasticity characterization in tissue mimicking phantoms. <i>Journal of Biophotonics</i> , 2019, 12, e201800177.	2.3	11
8	A novel automatic 3D stitching algorithm for optical coherence tomography angiography and its application in dermatology. <i>Journal of Biophotonics</i> , 2021, 14, e202100152.	2.3	8
9	Deep-learning approach for automated thickness measurement of epithelial tissue and scab using optical coherence tomography. <i>Journal of Biomedical Optics</i> , 2022, 27, .	2.6	7
10	A Weighted Average Phase Velocity Inversion Model for Depth-Resolved Elasticity Evaluation in Human Skin In-Vivo. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 1969-1977.	4.2	6
11	Vitreous opacities in infants born full-term and preterm by handheld swept-source optical coherence tomography. <i>Journal of AAPOS</i> , 2022, 26, 20.e1-20.e7.	0.3	5
12	Viscoelastic properties characterisation of corneal stromal models using non-contact surface acoustic wave optical coherence elastography (SAW-OCE). <i>Journal of Biophotonics</i> , 2021, , e202100253.	2.3	1
13	Phase Velocity Dispersion Curve and Elastography Based on SAWs Induced by HIFU in Tissue Mimicking Phantoms. , 2018, , .		0
14	Mornitoring High Intensity Focused Ultrasound (HIFU) Treatment Using Optical Coherence Tomography: Feasibility Study. , 2018, , .		0
15	High Intensity Focused Ultrasound (HIFU) Combines Optical Coherence Tomography(OCT) for Biological Tissue Treatment and Evaluation. , 2018, , .		0
16	Bioeffects of low-intensity continuous ultrasound (LICUS) on wound healing in corneal stromal cells in vitro. , 2021, , .		0