

# Kanheng Zhou

## List of Publications by Year in descending order

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