Joseph C Jing

List of Publications by Year
in descending order

20 papers	533 citations	567281 15 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	624 citing authors

#	Article	IF	Citations
1	High-speed upper-airway imaging using full-range optical coherence tomography. Journal of Biomedical Optics, 2012, 17, 110507.	2.6	63
2	Integrated IVUS-OCT for Real-Time Imaging of Coronary Atherosclerosis. JACC: Cardiovascular Imaging, 2014, 7, 101-103.	5.3	51
3	Fully integrated optical coherence tomography, ultrasound, and indocyanine green-based fluorescence tri-modality system for intravascular imaging. Biomedical Optics Express, 2017, 8, 1036.	2.9	46
4	Harnessing a multi-dimensional fibre laser using genetic wavefront shaping. Light: Science and Applications, 2020, 9, 149.	16.6	44
5	Intravascular Optical Coherence Tomography for Characterization of Atherosclerosis with a 1.7 Micron Swept-Source Laser. Scientific Reports, 2017, 7, 14525.	3.3	40
6	Real-time frequency-encoded spatiotemporal focusing through scattering media using a programmable 2D ultrafine optical frequency comb. Science Advances, 2020, 6, eaay1192.	10.3	34
7	Visualization and Detection of Ciliary Beating Pattern and Frequency in the Upper Airway using Phase Resolved Doppler Optical Coherence Tomography. Scientific Reports, 2017, 7, 8522.	3.3	29
8	Spatio-temporal-spectral imaging of non-repeatable dissipative soliton dynamics. Nature Communications, 2020, 11, 2059.	12.8	29
9	Multimodal endoscopy for colorectal cancer detection by optical coherence tomography and near-infrared fluorescence imaging. Biomedical Optics Express, 2019, 10, 2419.	2.9	26
10	In vivo cross-sectional imaging of the phonating larynx using long-range Doppler optical coherence tomography. Scientific Reports, 2016, 6, 22792.	3.3	24
11	High-Speed Integrated Endoscopic Photoacoustic and Ultrasound Imaging System. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-5.	2.9	24
12	Anatomically correct visualization of the human upper airway using a high-speed long range optical coherence tomography system with an integrated positioning sensor. Scientific Reports, 2016, 6, 39443.	3.3	23
13	Multimodality endoscopic optical coherence tomography and fluorescence imaging technology for visualization of layered architecture and subsurface microvasculature. Optics Letters, 2018, 43, 2074.	3.3	23
14	In vivodetection of inhalation injury in large airway using three-dimensional long-range swept-source optical coherence tomography. Journal of Biomedical Optics, 2014, 19, 036018.	2.6	16
15	1.7 micron optical coherence tomography for vaginal tissue characterization in vivo. Lasers in Surgery and Medicine, 2019, 51, 120-126.	2.1	16
16	Measurement of ciliary beat frequency using Doppler optical coherence tomography. International Forum of Allergy and Rhinology, 2015, 5, 1048-1054.	2.8	12
17	Characterization of oviduct ciliary beat frequency using real time phase resolved Doppler spectrally encoded interferometric microscopy. Biomedical Optics Express, 2019, 10, 5650.	2.9	12
18	In vivo imaging of the internal nasal valve during different conditions using optical coherence tomography. Laryngoscope, 2018, 128, E105-E110.	2.0	8

#	Article	IF	Citations
19	Automated 3D segmentation of methyl isocyanate-exposed rat trachea using an ultra-thin, fully fiber optic optical coherence endoscopic probe. Scientific Reports, 2018, 8, 8713.	3.3	8
20	Spatial Mapping of Tracheal Ciliary Beat Frequency Using Real Time Phase-Resolved Doppler Spectrally Encoded Interferometric Microscopy. ACS Photonics, 2020, 7, 128-134.	6.6	5