Yingwei Fan

List of Publications by Year
in descending order

27 papers	341 citations	1039880 9 h-index	839398 18 g-index
28 all docs	28 docs citations	28 times ranked	406 citing authors

#	Article	IF	Citations
1	Evaluation of a 3.8-Âµm laser-induced skin injury and their repair with in vivo OCT imaging and noninvasive monitoring. Lasers in Medical Science, 2022, 37, 1299-1309.	1.0	0
2	Identification of moyamoya disease based on cerebral oxygen saturation signals using machine learning methods. Journal of Biophotonics, 2022, , e202100388.	1.1	2
3	Current research and future prospects of IVOCT imagingâ€based detection of the vascular lumen and vulnerable plaque. Journal of Biophotonics, 2022, 15, e202100376.	1.1	9
4	Classification of gastric cancerous tissues by a residual network based on optical coherence tomography images. Lasers in Medical Science, 2022, 37, 2727-2735.	1.0	2
5	Quantitative and Qualitative Evaluation of Supercontinuum Laserâ€Induced Cutaneous Thermal Injuries and Their Repair With OCT Images. Lasers in Surgery and Medicine, 2021, 53, 252-262.	1.1	12
6	A Novel OCT Image-Guided Laser Automatic Ablation Method Based on Non-common Optical Path Structure. IFMBE Proceedings, 2021, , 215-222.	0.2	0
7	Background Noise Reduction of OCT Images Based on Region Filling. IFMBE Proceedings, 2021, , 3-9.	0.2	0
8	Intelligent optical diagnosis and treatment system for automated image-guided laser ablation of tumors. International Journal of Computer Assisted Radiology and Surgery, 2021, 16, 2147-2157.	1.7	6
9	Quantitative investigation of laser ablation based on realâ€time temperature variations and OCT images for laser treatment applications. Lasers in Surgery and Medicine, 2021, , .	1.1	2
10	Quantitative analysis of collagen and capillaries of 3.8-Î¼m laser-induced cutaneous thermal injury and wound healing. Lasers in Medical Science, 2020, 36, 1469-1477.	1.0	3
11	Fluorescein-guided surgery for spinal gliomas: Analysis of 220 consecutive cases. International Review of Neurobiology, 2020, 151, 139-154.	0.9	10
12	An imaging analysis and reconstruction method for multiple-micro-electro-mechanical system mirrors-based off-centre scanning optical coherence tomography probe. Laser Physics Letters, 2020, 17, 075601.	0.6	1
13	Classification of human stomach cancer using morphological feature analysis from optical coherence tomography images. Laser Physics Letters, 2019, 16, 095602.	0.6	14
14	A Novel Surface-Scanning Device for Intraoperative Tumor Identification and Therapy. IEEE Access, 2019, 7, 96392-96403.	2.6	8
15	Worm-Like Soft Robot for Complicated Tubular Environments. Soft Robotics, 2019, 6, 399-413.	4.6	91
16	A comparison of the Long Working Distance of the GRIN Lens- and C-Lens-Based OCT Probe. IEEE Access, 2019, 7, 93212-93218.	2.6	7
17	Dual-modality optical diagnosis for precise <i>in vivo</i> identification of tumors in neurosurgery. Theranostics, 2019, 9, 2827-2842.	4.6	10
18	Bactericidal effects research of 470â€‰nm blue light on Pseudomonas aeruginosa: in vitro and in vivo research. Laser Physics, 2019, 29, 035601.	0.6	1

#	Article	IF	Citations
19	Quantitative and qualitative evaluation of recovery process of a 1064 nm laser on laser-induced skin injury: *in vivo* experimental research. Laser Physics Letters, 2019, 16, 115604.	0.6	6
20	Optical coherence tomography for precision brain imaging, neurosurgical guidance and minimally invasive theranostics. BioScience Trends, 2018, 12, 12-23.	1.1	33
21	A novel integration of spectral-domain optical-coherence-tomography and laser-ablation system for precision treatment. International Journal of Computer Assisted Radiology and Surgery, 2018, 13, 411-423.	1.7	22
22	An Intelligent Theranostics Method Using Optical Coherence Tomography Guided Automatic Laser Ablation for Neurosurgery. , 2018, 2018, 3224-3227.		9
23	Evaluation of the 3D Augmented Reality–Guided Intraoperative Positioning of Dental Implants in Edentulous Mandibular Models. International Journal of Oral and Maxillofacial Implants, 2018, 33, 1219-1228.	0.6	57
24	Optimized Optical Coherence Tomography Imaging With Hough Transform-Based Fixed-Pattern Noise Reduction. IEEE Access, 2018, 6, 32087-32096.	2.6	11
25	Bioluminescence imaging and two-photon microscopy guided laser ablation of GBM decreases tumor burden. Theranostics, 2018, 8, 4072-4085.	4.6	20
26	SVM Based Automatic Classification of Human Stomach Cancer with Optical Coherence Tomography Images. , 2018, , .		2
27	Design and implementation of a printed yagi antenna working at the frequency of 2.4GHz for monitoring physiological parameters. , 2014, , .		2