

Yingwei Fan

List of Publications by Year in descending order

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Version: 2024-02-01

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	Worm-Like Soft Robot for Complicated Tubular Environments. <i>Soft Robotics</i> , 2019, 6, 399-413.	4.6	91
2	Evaluation of the 3D Augmented Realityâ€“Guided Intraoperative Positioning of Dental Implants in Edentulous Mandibular Models. <i>International Journal of Oral and Maxillofacial Implants</i> , 2018, 33, 1219-1228.	0.6	57
3	Optical coherence tomography for precision brain imaging, neurosurgical guidance and minimally invasive theranostics. <i>BioScience Trends</i> , 2018, 12, 12-23.	1.1	33
4	A novel integration of spectral-domain optical-coherence-tomography and laser-ablation system for precision treatment. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2018, 13, 411-423.	1.7	22
5	Bioluminescence imaging and two-photon microscopy guided laser ablation of GBM decreases tumor burden. <i>Theranostics</i> , 2018, 8, 4072-4085.	4.6	20
6	Classification of human stomach cancer using morphological feature analysis from optical coherence tomography images. <i>Laser Physics Letters</i> , 2019, 16, 095602.	0.6	14
7	Quantitative and Qualitative Evaluation of Supercontinuum Laserâ€“Induced Cutaneous Thermal Injuries and Their Repair With OCT Images. <i>Lasers in Surgery and Medicine</i> , 2021, 53, 252-262.	1.1	12
8	Optimized Optical Coherence Tomography Imaging With Hough Transform-Based Fixed-Pattern Noise Reduction. <i>IEEE Access</i> , 2018, 6, 32087-32096.	2.6	11
9	Dual-modality optical diagnosis for precise <i>in vivo</i> identification of tumors in neurosurgery. <i>Theranostics</i> , 2019, 9, 2827-2842.	4.6	10
10	Fluorescein-guided surgery for spinal gliomas: Analysis of 220 consecutive cases. <i>International Review of Neurobiology</i> , 2020, 151, 139-154.	0.9	10
11	An Intelligent Theranostics Method Using Optical Coherence Tomography Guided Automatic Laser Ablation for Neurosurgery. , 2018, 2018, 3224-3227.		9
12	Current research and future prospects of IVOCT imagingâ€“based detection of the vascular lumen and vulnerable plaque. <i>Journal of Biophotonics</i> , 2022, 15, e202100376.	1.1	9
13	A Novel Surface-Scanning Device for Intraoperative Tumor Identification and Therapy. <i>IEEE Access</i> , 2019, 7, 96392-96403.	2.6	8
14	A comparison of the Long Working Distance of the GRIN Lens- and C-Lens-Based OCT Probe. <i>IEEE Access</i> , 2019, 7, 93212-93218.	2.6	7
15	Quantitative and qualitative evaluation of recovery process of a 1064â€“nm laser on laser-induced skin injury: <i>in vivo</i> experimental research. <i>Laser Physics Letters</i> , 2019, 16, 115604.	0.6	6
16	Intelligent optical diagnosis and treatment system for automated image-guided laser ablation of tumors. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2021, 16, 2147-2157.	1.7	6
17	Quantitative analysis of collagen and capillaries of 3.8-Î¼m laser-induced cutaneous thermal injury and wound healing. <i>Lasers in Medical Science</i> , 2020, 36, 1469-1477.	1.0	3
18	Design and implementation of a printed yagi antenna working at the frequency of 2.4GHz for monitoring physiological parameters. , 2014, , .		2

#	ARTICLE	IF	CITATIONS
19	SVM Based Automatic Classification of Human Stomach Cancer with Optical Coherence Tomography Images. , 2018, , .		2
20	Quantitative investigation of laser ablation based on real-time temperature variations and OCT images for laser treatment applications. Lasers in Surgery and Medicine, 2021, , .	1.1	2
21	Identification of moyamoya disease based on cerebral oxygen saturation signals using machine learning methods. Journal of Biophotonics, 2022, , e202100388.	1.1	2
22	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
23	Bactericidal effects research of 470nm blue light on Pseudomonas aeruginosa: in vitro and in vivo research. Laser Physics, 2019, 29, 035601.	0.6	1
24	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
25	A Novel OCT Image-Guided Laser Automatic Ablation Method Based on Non-common Optical Path Structure. IFMBE Proceedings, 2021, , 215-222.	0.2	0
26	Background Noise Reduction of OCT Images Based on Region Filling. IFMBE Proceedings, 2021, , 3-9.	0.2	0
27	Evaluation of a 3.8-μm 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