

Alexandre Douplik

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2370072/publications.pdf>

Version: 2024-02-01

30
papers

326
citations

933447

10
h-index

839539

18
g-index

31
all docs

31
docs citations

31
times ranked

462
citing authors

#	ARTICLE	IF	CITATIONS
1	Silicon nanoparticles produced by femtosecond laser ablation in water as novel contamination-free photosensitizers. <i>Journal of Biomedical Optics</i> , 2009, 14, 021010.	2.6	79
2	Diffuse reflectance spectroscopy for optical soft tissue differentiation as remote feedback control for tissue-specific laser surgery. <i>Lasers in Surgery and Medicine</i> , 2010, 42, 319-325.	2.1	39
3	Optical Nerve Detection by Diffuse Reflectance Spectroscopy for Feedback Controlled Oral and Maxillofacial Laser Surgery. <i>Journal of Translational Medicine</i> , 2011, 9, 20.	4.4	33
4	Optical Scattering Properties of Intralipid Phantom in Presence of Encapsulated Microbubbles. <i>International Journal of Photoenergy</i> , 2014, 2014, 1-9.	2.5	27
5	In Vivo Optical Tissue Differentiation by Diffuse Reflectance Spectroscopy. <i>Surgical Innovation</i> , 2012, 19, 385-393.	0.9	22
6	Diffuse reflectance spectroscopy in Barrett's Esophagus: developing a large field-of-view screening method discriminating dysplasia from metaplasia. <i>Journal of Biophotonics</i> , 2014, 7, 304-311.	2.3	21
7	Feasibility study of autofluorescence mammary ductoscopy. <i>Journal of Biomedical Optics</i> , 2009, 14, 1.	2.6	14
8	Microvascular contrast enhancement in optical coherence tomography using microbubbles. <i>Journal of Biomedical Optics</i> , 2016, 21, 076014.	2.6	14
9	Optoacoustic monitoring of cutting efficiency and thermal damage during laser ablation. <i>Lasers in Medical Science</i> , 2014, 29, 1029-1035.	2.1	13
10	LIMITATIONS OF CANCER MARGIN DELINEATION BY MEANS OF AUTOFLUORESCENCE IMAGING UNDER CONDITIONS OF LASER SURGERY. <i>Journal of Innovative Optical Health Sciences</i> , 2010, 03, 45-51.	1.0	12
11	Feasibility of Specular Reflection Imaging for Extraction of Neck Vessel Pressure Waveforms. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 830231.	4.1	8
12	Assessment of photobleaching during endoscopic autofluorescence imaging of the lower GI tract. <i>Lasers in Surgery and Medicine</i> , 2010, 42, 224-231.	2.1	7
13	REAL-TIME OPTICAL MONITORING OF CAPILLARY GRID SPATIAL PATTERN IN EPITHELIUM BY SPATIALLY RESOLVED DIFFUSE REFLECTANCE PROBE. <i>Journal of Innovative Optical Health Sciences</i> , 2012, 05, 1250005.	1.0	7
14	Normalized autofluorescence imaging diagnostics in upper GI tract: a new method to improve specificity in neoplasia detection. <i>International Journal of Clinical and Experimental Pathology</i> , 2012, 5, 956-64.	0.5	6
15	Reflectance of Biological Turbid Tissues under Wide Area Illumination: Single Backward Scattering Approach. <i>International Journal of Photoenergy</i> , 2014, 2014, 1-8.	2.5	5
16	Non-labeled lensless micro-endoscopic approach for cellular imaging through highly scattering media. <i>Bioscience Reports</i> , 2018, 38, .	2.4	4
17	Feasibility of photoacoustic imaging for the non-invasive quality management of stored blood bags. <i>Vox Sanguinis</i> , 2019, 114, 701-710.	1.5	4
18	Towards Development of Specular Reflection Vascular Imaging. <i>Sensors</i> , 2022, 22, 2830.	3.8	4

#	ARTICLE	IF	CITATIONS
19	Optical Detection of a Capillary Grid Spatial Pattern in Epithelium by Spatially Resolved Diffuse Reflectance Probe: Monte Carlo Verification. IEEE Journal of Selected Topics in Quantum Electronics, 2014, 20, 187-195.	2.9	2
20	Diffuse reflectance spectroscopy for optical nerve identification. Physics Procedia, 2010, 5, 647-654.	1.2	1
21	Contrast Ratio during Visualization of Subsurface Optical Inhomogeneities in Turbid Tissues: Perturbation Analysis. , 2021, , .		1
22	Photoacoustic measurements of red blood cell oxygen saturation in blood bags in situ. Proceedings of SPIE, 2017, , .	0.8	1
23	Spatio-angular filter (SAF) imaging device for deep interrogation of scattering media. Biomedical Optics Express, 2019, 10, 4656.	2.9	1
24	Remote PPG Imaging by a Consumer-grade Camera under Rest and Elevation-invoked Physiological Stress Reveals Mayer Waves and Venous Outflow. , 2022, , .		1
25	Study optical properties of biological tissue in the presence of microbubbles. , 2015, , .		0
26	Mathematical Model of an Innate Immune Response to Cutaneous Wound in the Presence of Local Hypoxia. Advances in Experimental Medicine and Biology, 2016, 923, 427-433.	1.6	0
27	Blood flow contrast enhancement in optical coherence tomography using microbubbles: a phantom study. , 2016, , .		0
28	Contrast enhancement for diffuse reflectance imaging by microbubbles. , 2016, , .		0
29	Water-sensitive Gelatin Phantoms for Skin Water Content Imaging. , 2020, , .		0
30	Extraction of Intrinsic Fluorescence in Fluorescence Imaging of Turbid Tissues. , 2020, , .		0