

Anton Y Sdobnov

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

436
citations

840776

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888059

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all docs

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docs citations

25
times ranked

326
citing authors

#	ARTICLE	IF	CITATIONS
1	Ex vivo confocal Raman microspectroscopy of porcine dura mater supported by optical clearing. Journal of Biophotonics, 2022, 15, e202100332.	2.3	4
2	Ex-vivo confocal Raman microspectroscopy of porcine skin with 633/785-NM laser excitation and optical clearing with glycerol/water/DMSO solution. Journal of Innovative Optical Health Sciences, 2021, 14, .	1.0	8
3	Blood Flow Visualization by Means of Laser Speckle-Contrast Measurements under the Conditions of Nonergodicity. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2020, 128, 778-786.	0.6	3
4	Time-space Fourier $\hat{\rho}^2$ filter for motion artifacts compensation during transcranial fluorescence brain imaging. Physics in Medicine and Biology, 2020, 65, 075007.	3.0	8
5	Stokes-Correlometry Analysis of Biological Tissues With Polycrystalline Structure. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-12.	2.9	38
6	Biomedical applications of Jones-matrix tomography to polycrystalline films of biological fluids. Journal of Innovative Optical Health Sciences, 2019, 12, .	1.0	31
7	A Robust Method for Adjustment of Laser Speckle Contrast Imaging during Transcranial Mouse Brain Visualization. Photonics, 2019, 6, 80.	2.0	21
8	Methods for Optical Skin Clearing in Molecular Optical Imaging in Dermatology. Biochemistry (Moscow), 2019, 84, 144-158.	1.5	14
9	Evaluation of handwriting peculiarities utilizing laser speckle contrast imaging. Laser Physics Letters, 2019, 16, 115601.	1.4	4
10	Hydrogen bound water profiles in the skin influenced by optical clearing molecular agents – Quantitative analysis using confocal Raman microscopy. Journal of Biophotonics, 2019, 12, e201800283.	2.3	48
11	Combined laser speckle imaging and fluorescent intravital microscopy for monitoring acute vascular permeability reaction. Journal of Biomedical Optics, 2019, 24, 1.	2.6	21
12	Laser speckle contrast imaging of abdominal organs in mouse model. , 2019, , .		0
13	Combined multi-wavelength laser speckle contrast imaging and diffuse reflectance imaging for skin perfusion assessment. , 2019, , .		1
14	Speckle dynamics under ergodicity breaking. Journal Physics D: Applied Physics, 2018, 51, 155401.	2.8	21
15	Recent progress in tissue optical clearing for spectroscopic application. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 197, 216-229.	3.9	79
16	3D Mueller-Matrix Diffusive Tomography of Polycrystalline Blood Films for Cancer Diagnosis. Photonics, 2018, 5, 54.	2.0	51
17	Investigation of speckle pattern dynamics by laser speckle contrast imaging. , 2018, , .		1
18	A comparative study of ex vivo skin optical clearing using two-photon microscopy. Journal of Biophotonics, 2017, 10, 1115-1123.	2.3	35

#	ARTICLE	IF	CITATIONS
19	Confocal Raman microscopy supported by optical clearing treatment of the skinâ€™ influence on collagen hydration. Journal Physics D: Applied Physics, 2017, 50, 285401.	2.8	42
20	The influence of the numerical aperture of a beam probing an object on the determination of the thickness of a layered object in confocal microscopy. Optics and Spectroscopy (English Translation of) Tj ETQq0 0 0rgBT /Overlock 10 T		
21	Quantitative measurement of blood flow dynamics in chorioallantoic membrane of chicken embryo using laser Doppler anemometry. , 2016, , .		1
22	Influence of refractive index dispersion on pulse shaping in white-light interferometry. , 2015, , .		0
23	Longitudinal spatial coherence of the optical field and its effects in the interference microscopy. , 2013, , .		0