Irina Yu Yanina

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5657111/publications.pdf

Version: 2024-02-01

44 papers	395 citations	1039880 9 h-index	794469 19 g-index
44 all docs	44 docs citations	44 times ranked	447 citing authors

#	Article	IF	Citations
1	Immersion optical clearing of adipose tissue in rats: ex vivo and in vivo studies. Journal of Biophotonics, 2022, 15, e202100393.	1.1	4
2	Experimental study of the dependence of the distortion of the luminescence spectra of upconversion nanoparticles on the depth of their location in biological tissue. , 2021, , .		0
3	Study of spatial distribution of upconversion nanoparticles in sections of rat organs and tumors by the luminescent method. , 2021, , .		0
4	The Effectiveness of Glycerol Solutions for Optical Clearing of the Intact Skin as Measured by Confocal Raman Microspectroscopy. Optics and Spectroscopy (English Translation of Optika I) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 61	0.2	13
5	Diagnosis of Diabetes Based on Analysis of Exhaled Air by Terahertz Spectroscopy and Machine Learning. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2020, 128, 809-814.	0.2	9
6	Effect of hydrothermal synthesis conditions on up-conversion luminescence intensity of Î²-NaYF₄ : Er³⁺, Yb³⁺ submicron particles. Quantum Electronics, 2020, 50, 109-113.	0.3	6
7	Erythrocyte aggregation stimulated by NaYF4:Er3+,Yb3+ upconversion nanoparticles. , 2020, , .		0
8	Toxicity of Upconversion Nanoparticles. Overview. Izvestiya of Saratov University, New Series: Physics, 2020, 20, 268-277.	0.1	0
9	Confocal Raman microspectroscopy for evaluation of optical clearing efficiency of the skin ex vivo. , 2020, , .		0
10	The study of spectral changes in THz range in normal and pathological skin in vivo depending on the dehydration methods used. , 2020, , .		0
11	Temperature dependencies of the spectral characteristics of the skin. , 2020, , .		0
12	Temperature-stimulated changes in the spectral characteristics of biological tissues. , 2020, , .		0
13	THz spectroscopy of skin pathologies associated with water migration and content. , 2020, , .		0
14	Effect of light scattering on biological tissue thermometry from photoluminescence spectra of up-conversion nanoparticles. Quantum Electronics, 2019, 49, 59-62.	0.3	2
15	Skin and subcutaneous fat morphology alterations under the LED or laser treatment in rats in vivo. Journal of Biophotonics, 2019, 12, e201900117.	1.1	4
16	Phase transition monitoring in adipose tissue by multiphoton microscope. , 2019, , .		0
17	Refractive index of adipose tissue and lipid droplet measured in wide spectral and temperature ranges. Applied Optics, 2018, 57, 4839.	0.9	33
18	Optical monitoring of adipose tissue destruction under encapsulated lipase action. Journal of Biophotonics, 2018, 11, e201800058.	1.1	10

#	Article	IF	Citations
19	Monitoring of temperature-mediated phase transitions of adipose tissue by combined optical coherence tomography and Abbe refractometry. Journal of Biomedical Optics, 2018, 23, 1.	1.4	10
20	Delivery and reveal of localization of upconversion luminescent microparticles and quantum dots in the skin in vivo by fractional laser microablation, multimodal imaging, and optical clearing. Journal of Biomedical Optics, 2018, 23, 1.	1.4	8
21	Measurement of tissue optical properties in the context of tissue optical clearing. Journal of Biomedical Optics, 2018, 23, 1.	1.4	90
22	Effect of luminescence transport through adipose tissue on measurement of tissue temperature by using ZnCdS nanothermometers. , 2018, , .		2
23	Comparison of temperature sensing of the luminescent upconversion and ZnCdS nanoparticles. , 2018, , .		1
24	Interaction of upconversion luminescent nanoparticles with tissues and organs. , 2018, , .		0
25	Ecophotonics: assessment of temperature gradient in aquatic organisms using up-conversion luminescent particles. Quantum Electronics, 2017, 47, 153-157.	0.3	4
26	Morphology alterations of skin and subcutaneous fat at NIR laser irradiation combined with delivery of encapsulated indocyanine green. Journal of Biomedical Optics, 2017, 22, 055008.	1.4	8
27	Controlling of upconversion nanoparticle luminescence at heating and optical clearing of adipose tissue. Proceedings of SPIE, 2017, , .	0.8	0
28	In vivo optical monitoring of transcutaneous delivery of calcium carbonate microcontainers. Biomedical Optics Express, 2016, 7, 2082.	1.5	36
29	Analysis of the optical characteristics of adipose tissue in vitro sensitized by indocyanine green and exposed to IR-laser irradiation. Optics and Spectroscopy (English Translation of Optika I) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.2	1
30	Optical clearing of biological tissues: prospects of application in medical diagnostics and phototherapy. Journal of Biomedical Photonics and Engineering, 2015, 1, 22-58.	0.4	81
31	Optical digital microscopy for cyto- and hematological studies in vitro. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2013, 115, 212-217.	0.2	3
32	Photoinduced cell morphology alterations quantified within adipose tissues by spectral optical coherence tomography. Journal of Biomedical Optics, 2013, 18, 111407.	1.4	12
33	Optical detection of pores in adipocyte membrane. Optics and Spectroscopy (English Translation of) Tj ETQq1 1 0.784314 rgBT /Over	0.2	1
34	OPTICAL COHERENCE TOMOGRAPHY OF ADIPOSE TISSUE AT PHOTODYNAMIC/PHOTOTHERMAL TREATMENT IN VITRO. Journal of Innovative Optical Health Sciences, 2013, 06, 1350010.	0.5	7
35	Fat tissue histological study at indocyanine green-mediated photothermal/photodynamic treatment of the skin in vivo. Journal of Biomedical Optics, 2012, 17, 058002.	1.4	25
36	Studies of lipid peroxidation of rat blood after in vivo photodynamic treatment. Proceedings of SPIE, 2012, , .	0.8	0

#	Article	IF	Citations
37	Time variation of adipose tissue refractive index under photodynamic treatment: in vitro study using OCT. Proceedings of SPIE, 2012, , .	0.8	1
38	Effect of bacterial lectin on acceleration of fat cell lipolysis at in vitro diode laser treatment using encapsulated ICG. , 2012, , .		2
39	The morphology of apoptosis and necrosis of fat cells after photodynamic treatment at a constant temperature in vitro. , 2011, , .		6
40	Fat tissue histological study at NIR laser treatment of the skin in vivo. , 2011, , .		1
41	Absorption spectra of photosensitized human fat tissue. Optics and Spectroscopy (English Translation) Tj ETQq1 1 0.784314 rgBT /O	0.2	2
42	Fat tissue staining and photodynamic/photothermal effects. Proceedings of SPIE, 2010, , .	0.8	8
43	Destructive fat tissue engineering using photodynamic and selective photothermal effects. , 2009, , .		15
44	<title>Diffusion of <emph type="1">Cortexin</emph> and <emph type="1">Retinalamin</emph> in eye sclera</title>. , 2007, , .		0