

Alla B Bucharskaya

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7421845/publications.pdf>

Version: 2024-02-01

62
papers

628
citations

759233

12
h-index

610901

24
g-index

64
all docs

64
docs citations

64
times ranked

1198
citing authors

#	ARTICLE	IF	CITATIONS
1	Photothermal and Photodynamic Therapy of Tumors with Plasmonic Nanoparticles: Challenges and Prospects. <i>Materials</i> , 2022, 15, 1606.	2.9	29
2	Significance Of LC3B Autophagy Marker In Recurrent Prostate Adenocarcinoma. <i>Russian Open Medical Journal</i> , 2022, 11, .	0.3	0
3	Immersion optical clearing of adipose tissue in rats: ex vivo and in vivo studies. <i>Journal of Biophotonics</i> , 2022, 15, e202100393.	2.3	4
4	Changes in Optical Properties of Model Cholangiocarcinoma after Plasmon-Resonant Photothermal Treatment. <i>Photonics</i> , 2022, 9, 199.	2.0	2
5	Optical properties of model cholangiocarcinoma tissues in the spectral range of 350-2250 nm in laser photothermolysis treatment. , 2021, , .		1
6	The Effect Of Intrauterine Hypoxia On Testicular Reproductive Function. <i>Russian Open Medical Journal</i> , 2021, 10, .	0.3	0
7	Wound Healing Activity Of Extract Of <i>Gratiola Officinalis</i> In Vivo. <i>Russian Open Medical Journal</i> , 2021, 10, .	0.3	0
8	Efficiency of Plasmonic Photothermal Therapy of Experimental Tumors. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2020, 128, 849-854.	0.6	1
9	Study of Blood Serum in Rats with Transplanted Cholangiocarcinoma Using Raman Spectroscopy. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2020, 128, 964-971.	0.6	9
10	Pilot study of glycerol diffusion in ex vivo skin: a comparison of alloxan and streptozotocin diabetes models. , 2020, , .		0
11	Functional and morphological changes in the testicular tissue of rat newborns during chronic hypoxia: experimental study. , 2020, , .		0
12	Can the infection, caused by <i>Chlamydia psittaci</i> , produce the stimulation of the growth of a malignant tumor: studying by using t-LASCA technique on animal model. , 2020, , .		0
13	Speckle-contrast imaging of pathological tissue microhemodynamics in the development of various diabetes models. , 2020, , .		0
14	A Complex Study of the Peculiarities of Blood Serum Absorption of Rats with Experimental Liver Cancer. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2019, 126, 721-729.	0.6	13
15	The Influence of Long-Term Peroral Administration of Gold Nanoparticles with Various Sizes on the Liver, Spleen, and Lymph Nodes of Laboratory Rats and Their Progeny. <i>Optics and Spectroscopy (English)</i> Tj ETQq1 d.0.7843 14 rgBT / 0v		
16	Skin and subcutaneous fat morphology alterations under the LED or laser treatment in rats in vivo. <i>Journal of Biophotonics</i> , 2019, 12, e201900117.	2.3	4
17	Speckle-contrast imaging of pathological tissue microhemodynamics at optical clearing. , 2019, , .		1
18	Exogenous agent diffusivity in tissues as a biomarker of diabetes mellitus pathology. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	Functional and morphological changes in the mother-placenta-fetus system during chronic hypoxia (experimental study). , 2019, , .		0
20	Phenomenon of atypical vascular effects of epinephrine and an increase of photodynamic response by nitroglycerin in rats with colon adenocarcinoma: adrenergic and nitrenergic mechanisms and novel applied aspects. Biomedical Optics Express, 2019, 10, 4115.	2.9	0
21	Systemic Administration of Polyelectrolyte Microcapsules: Where Do They Accumulate and When? In Vivo and Ex Vivo Study. Nanomaterials, 2018, 8, 812.	4.1	28
22	Encapsulated Magnetite Nanoparticles. , 2018, , 175-192.		11
23	Gold Nanoparticle-Based Technologies in Photothermal/Photodynamic Treatment. , 2018, , 151-173.		3
24	Plasmonic photothermal therapy: Approaches to advanced strategy. Lasers in Surgery and Medicine, 2018, 50, 1025-1033.	2.1	22
25	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.	2.6	8
26	The apoptotic activity of flavonoid-containing Gratiola officinalis extract in cell cultures of human kidney cancer. Russian Open Medical Journal, 2018, 7, e0402.	0.3	12
27	The interaction between the meningeal lymphatics and blood-brain barrier. , 2018, , .		0
28	The inflammation markers in serum of tumor-bearing rats after plasmonic photothermal therapy. , 2018, , .		0
29	Investigation of change of tumor optical properties after laser-induced plasmon-resonant photothermal treatment of transplanted tumors in rats. , 2018, , .		0
30	Reduction of intoxication in the rats with transplanted tumors under the influence of Gratiola officinalis L. extract. , 2018, , .		0
31	Influence of chronic intrauterine hypoxia on development of testicles of newborns. Russian Open Medical Journal, 2018, 7, e0201.	0.3	2
32	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.	2.6	8
33	The assesment of effectiveness of plasmonic resonance photothermal therapy in tumor-bearing rats after multiple intravenous administration of gold nanorods. Proceedings of SPIE, 2017, , .	0.8	1
34	The effects of prolonged oral administration of gold nanoparticles on the morphology of hematopoietic and lymphoid organs. , 2017, , .		1
35	Plasmonic Photothermal Therapy of Transplanted Tumors in Rats at Multiple Intravenous Injection of Gold Nanorods. BioNanoScience, 2017, 7, 216-221.	3.5	13
36	Application of optical coherence tomography for in vivo monitoring of the meningeal lymphatic vessels during opening of blood-brain barrier: mechanisms of brain clearing. Journal of Biomedical Optics, 2017, 22, 1.	2.6	43

#	ARTICLE	IF	CITATIONS
37	Effect of flavonoid-containing extracts on the growth of transplanted sarcoma 45, peripheral blood and bone marrow condition after oral and intramuscular administration in rats. Russian Open Medical Journal, 2017, 6, e0304.	0.3	9
38	Study of glycerol diffusion in skin and myocardium ex vivo under the conditions of developing alloxan-induced diabetes. Journal of Biomedical Photonics and Engineering, 2017, 3, 020302.	0.7	18
39	Antitumor Activity of Extracts from Medicinal Basidiomycetes Mushrooms. International Journal of Medicinal Mushrooms, 2016, 18, 955-964.	1.5	10
40	Towards Effective Photothermal/Photodynamic Treatment Using Plasmonic Gold Nanoparticles. International Journal of Molecular Sciences, 2016, 17, 1295.	4.1	113
41	Alterations of morphology of lymphoid organs and peripheral blood indicators under the influence of gold nanoparticles in rats. Journal of Innovative Optical Health Sciences, 2016, 09, 1640004.	1.0	2
42	The Morphological Changes in the Internal Organs in Tumor-Bearing Rats at Intravenous Injection of Citrate-Stabilized Magnetite Nanoparticles. BioNanoScience, 2016, 6, 162-168.	3.5	0
43	Gold nanoparticle-aided preparation of antibodies to \pm -methylacyl-CoA racemase and its immunochemical detection. Gold Bulletin, 2016, 49, 87-94.	2.4	3
44	In vitro and in vivo MRI visualization of nanocomposite biodegradable microcapsules with tunable contrast. Physical Chemistry Chemical Physics, 2016, 18, 32238-32246.	2.8	31
45	In vivo optical monitoring of transcutaneous delivery of calcium carbonate microcontainers. Biomedical Optics Express, 2016, 7, 2082.	2.9	36
46	Nanoparticles and nanostructured carriers for drug delivery and contrast enhancement. Proceedings of SPIE, 2016, , .	0.8	0
47	The morphological changes in transplanted tumors in rats at plasmonic photothermal therapy. Proceedings of SPIE, 2016, , .	0.8	0
48	The morphological changes in the internal organs of laboratory animals after prolonged oral administration of gold nanoparticles. Journal of Innovative Optical Health Sciences, 2016, 09, 1642004.	1.0	0
49	Cancer Cell Damage at Laser-Induced Plasmon-Resonant Photothermal Treatment of Transplanted Liver Tumor. BioNanoScience, 2016, 6, 256-260.	3.5	3
50	The study of indicators of bone marrow and peripheral blood of rats with diabetes and transplanted liver tumor after intravenous injection of gold nanorods. , 2015, , .		0
51	The reversibility of morphological changes in the mesenteric lymph nodes after peroral administration of gold nanoparticles. Proceedings of SPIE, 2014, , .	0.8	0
52	Morphological study of the internal organs in rats with alloxan diabetes and transplanted liver tumor after intravenous injection of gold nanorods. Russian Open Medical Journal, 2014, 3, 0301.	0.3	2
53	A new extraction method of bioflavanoids from poisonous plant (<i>Gratiola Officinalis</i> L.). Russian Open Medical Journal, 2014, 3, 0304.	0.3	6
54	Evaluation of lipid peroxidation activity at intravenous administration of gold nanorods in rats with simulated diabetes and transplanted liver cancer. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
55	Gold nanorods with a hematoporphyrin-loaded silica shell for dual-modality photodynamic and photothermal treatment of tumors in vivo. Nano Research, 2014, 7, 325-337.	10.4	136
56	Accumulation and biodistribution of gold nanoparticles in the mesenteric lymph nodes at oral administration. Russian Open Medical Journal, 2013, 2, 0301.	0.3	1
57	Fat tissue histological study at indocyanine green-mediated photothermal/photodynamic treatment of the skin in vivo. Journal of Biomedical Optics, 2012, 17, 058002.	2.6	25
58	Studies of lipid peroxidation of rat blood after in vivo photodynamic treatment. Proceedings of SPIE, 2012, , .	0.8	0
59	Effect of extracts of Gratiola officinalis and Zea mays on the tumor and the morphology of the internal organs of rats with transplanted liver cancer. Russian Open Medical Journal, 2012, 1, 0203.	0.3	8
60	Morphokinetics of mesenterial lymphatic node cell populations at exposure of gold nanoparticles in experiment. Russian Open Medical Journal, 2012, 1, 0302.	0.3	1
61	Fat tissue histological study at NIR laser treatment of the skin in vivo. , 2011, , .		1
62	Tumor cell death visualization of renal cell carcinoma under the combined effect of the Gratiola officinalis extract and cyclophosphamide using fluorescent staining methods. Journal of Innovative Optical Health Sciences, 0, , 2142004.	1.0	1