

# Viktor Loshchenov

## List of Publications by Year in descending order

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190  
papers

1,367  
citations

516561

16  
h-index

414303

32  
g-index

193  
all docs

193  
docs citations

193  
times ranked

1748  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorescence imaging analysis of distribution of indocyanine green in molecular and nanoform in tumor model. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022, 37, 102636.	1.3	9
2	Comparison of the Capabilities of Spectroscopic and Quantitative Video Analysis of Fluorescence for the Diagnosis and Photodynamic Therapy Control of Cholangiocellular Cancer. <i>Photonics</i> , 2022, 9, 65.	0.9	1
3	On the possibility of photodynamic inactivation of tracheobronchial tree pathogenic microbiota using methylene blue (in vitro study). <i>Photodiagnosis and Photodynamic Therapy</i> , 2022, 38, 102753.	1.3	4
4	Study of synthesis temperature effect on $\text{Er}^{3+}$ -doped $\text{NaGdF}_4$ : $\text{Yb}^{3+}$ , $\text{Er}^{3+}$ upconversion luminescence efficiency and decay time using maximum entropy method. <i>Methods and Applications in Fluorescence</i> , 2022, 10, 024005.	1.1	4
5	A method for intra-pericardial PDT for malignant mesothelioma. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022, 38, 102799.	1.3	0
6	Ex Vivo Exposure to Soft Biological Tissues by the 2- $\mu\text{m}$ All-Fiber Ultrafast Holmium Laser System. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3825.	1.3	11
7	Laser-induced fluorescent visualization and photodynamic therapy in surgical treatment of glial brain tumors. <i>Biomedical Optics Express</i> , 2021, 12, 1761.	1.5	14
8	Sublingual administration of 5-aminolevulinic acid for laser-induced photodiagnostics and photodynamic therapy of oral cavity and larynx cancers. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 34, 102289.	1.3	6
9	Spectroscopic Measurement of Methylene Blue Distribution in Organs and Tissues of Hamadryas Baboons during Oral Administration. <i>Photonics</i> , 2021, 8, 294.	0.9	2
10	Phototherapy of Brain Tumours Using a Fibre Optic Neurosystem. <i>Photonics</i> , 2021, 8, 462.	0.9	2
11	Intraoperative Control of Hemoglobin Oxygen Saturation in the Intestinal Wall during Anastomosis Surgery. <i>Photonics</i> , 2021, 8, 427.	0.9	3
12	Clinical application of the video fluorescent mapping method in the preoperative planning of liver resections in its focal diseases. <i>Clinical and Experimental Surgery</i> , 2021, 9, 81-87.	0.0	0
13	Changes in Spectral Fluorescence Properties of a Near-Infrared Photosensitizer in a Nanoform as a Coating of an Optical Fiber Neuroport. <i>Photonics</i> , 2021, 8, 556.	0.9	1
14	Non-invasive high-contrast infrared imaging of blood vessels in biological tissues by the backscattered laser radiation method. <i>Infrared Physics and Technology</i> , 2020, 111, 103562.	1.3	5
15	Temperature Sensing in the Short-Wave Infrared Spectral Region Using Core-Shell $\text{NaGdF}_4$ : $\text{Yb}^{3+}$ , $\text{Ho}^{3+}$ , $\text{Er}^{3+}$ @ $\text{NaYF}_4$ Nanothermometers. <i>Nanomaterials</i> , 2020, 10, 1992.	1.9	12
16	Fluorescence visualization of the borders of bladder tumors after TUR with quantitative determination of diagnostic contrast. <i>Translational Biophotonics</i> , 2020, 2, e201900026.	1.4	3
17	Optimization of upconversion luminescence excitation mode for deeper in vivo bioimaging without contrast loss or overheating. <i>Methods and Applications in Fluorescence</i> , 2020, 8, 025006.	1.1	9
18	An objective comparison of detection and segmentation algorithms for artefacts in clinical endoscopy. <i>Scientific Reports</i> , 2020, 10, 2748.	1.6	41

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19	Correlation of synovial caspase-3 concentration and the photodynamic effectiveness in osteoarthritis treatment. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 30, 101669.	1.3	5
20	Laser-induced fluorescence diagnosis of stomach tumor. <i>Lasers in Medical Science</i> , 2020, 35, 1721-1728.	1.0	6
21	Study of possibility of cell recognition in brain tumors. <i>Frontiers of Optoelectronics</i> , 2020, 13, 371-380.	1.9	2
22	New approaches to diagnostics and treatment of cholangiocellular cancer based on photonics methods. <i>Frontiers of Optoelectronics</i> , 2020, 13, 352-359.	1.9	5
23	Attenuation correction technique for fluorescence analysis of biological tissues with significantly different optical properties. <i>Frontiers of Optoelectronics</i> , 2020, 13, 360-370.	1.9	6
24	Changes in protein expression of rat astrocytes co-cultured with C6 glioma cells. <i>Molekulyarnaya Meditsina (Molecular Medicine)</i> , 2020, 18, 58-64.	0.0	0
25	Combined spectroscopic and video fluorescent instrument for intraoperative navigation when removing a glial tumor. , 2020, , .		1
26	Spontaneous Raman spectroscopy for intracranial tumors diagnostics ex vivo. <i>Biomedical Photonics</i> , 2020, 9, 4-12.	0.3	3
27	Achieving high NIR-to-NIR conversion efficiency by optimization of $Tm^{3+}$ content in $Na(Gd,Yb)F_4$ : $Tm$ upconversion luminophores. <i>Laser Physics Letters</i> , 2020, 17, 125701.	0.6	4
28	Two diagnostic criteria of optical spectroscopy for bladder tumor detection: Clinical study using 5-ALA induced fluorescence and mathematical modeling. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101829.	1.3	1
29	The Role of 5-ALA in Low-Grade Gliomas and the Influence of Antiepileptic Drugs on Intraoperative Fluorescence. <i>Frontiers in Oncology</i> , 2019, 9, 423.	1.3	42
30	Stroma-Rich Co-Culture Multicellular Tumor Spheroids as a Tool for Photoactive Drugs Screening. <i>Journal of Clinical Medicine</i> , 2019, 8, 1686.	1.0	35
31	Fluorescence Diagnosis in Neurooncology: Retrospective Analysis of 653 Cases. <i>Frontiers in Oncology</i> , 2019, 9, 830.	1.3	23
32	Evaluation of vulvar leukoplakia photodynamic therapy efficiency by fluorescent diagnostics method with local «Alasens» photosensitizer application. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 27, 105-110.	1.3	3
33	Combined treatment of nonresectable cholangiocarcinoma complicated by obstructive jaundice. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 26, 218-223.	1.3	17
34	Influence of $Yb^{3+}/Gd^{3+}$ ratio on phase formation and spectroscopic properties of $NaGd_{0.8}Y_xYb_{0.17}Er_{0.03}F_4$ solid solutions. <i>Laser Physics Letters</i> , 2019, 16, 035604.	0.6	3
35	Theoretical and experimental modeling of interstitial laser hyperthermia with surface cooling device using $Nd^{3+}$ -doped nanoparticles. <i>Lasers in Medical Science</i> , 2019, 34, 1421-1431.	1.0	1
36	Evaluating the dynamics of brain tissue oxygenation using near-infrared spectroscopy on various experimental models. <i>Laser Physics Letters</i> , 2019, 16, 115602.	0.6	1



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55	Comparitive accumulation study of chlorin group photosensitizers on monolayer and multicellular tumor spheroids of cell culture. , 2018, , .		0
56	TAM identification by fluorescence lifetime on different models. , 2018, , .		0
57	Laser fiber optic equipment for embedding video photodynamic diagnostic and therapy control features into standard surgical instruments.. , 2018, , .		0
58	Iron oxide nanoparticles conjugated with Zn phthalocyanine for photoinduced anticancer immune response. , 2018, , .		0
59	Multimodal fluorescence imaging navigation for surgical guidance of malignant tumors in photosensitized tissues of neural system and other organs. , 2018, , .		1
60	Experimental modeling of local laser hyperthermia using thermosensitive nanoparticles absorbing in NIR. , 2018, , .		0
61	Automatic classification of fluorescence and optical diffusion spectroscopy data in neuro-oncology. , 2018, , .		0
62	Optical fiber neurosystem for deep-lying brain tumors phototheranostics. , 2018, , .		1
63	Multispectral imaging technique for skin grafts™ functional state assessment. , 2018, , .		1
64	Near-infrared fluorescence imaging methods to evaluate blood flow state in the skin lesions. , 2018, , .		1
65	NONINVASIVE ESTIMATION OF THE LOCAL TEMPERATURE OF BIOTISSUES HEATING UNDER THE ACTION OF LASER IRRADIATION FROM THE LUMINESCENCE SPECTRA OF Nd <sup>3+</sup> IONS. Biomedical Photonics, 2018, 7, 25-36.	0.3	3
66	Near-infrared fluorescence imaging with indocyanine green in diabetic patient with critical limb ischemia: a case report. Diabetes Mellitus, 2018, 21, 319-324.	0.5	2
67	NEAR INFRARED IMAGING FOR ANGIOGRAPHY IN DIABETIC PATIENTS WITH PERIPHERAL ARTERY DISEASE. Biomedical Photonics, 2017, 6, 4-11.	0.3	3
68	The study of laser induced fluorescence of tooth hard tissues with aluminum phthalocyanine nanoparticles. Journal of Physics: Conference Series, 2016, 737, 012048.	0.3	2
69	PHOTODYNAMIC INACTIVATION OF BACTERIA AND BIOFILMS USING CATIONIC BACTERIOCHLORINS. Journal of Physics: Conference Series, 2016, 691, 012011.	0.3	14
70	Investigation of the aluminum phthalocyanine nanoparticles colloidal solutions pH-dependent photoluminescence kinetics in pico- and nanosecond time range. Journal of Physics: Conference Series, 2016, 737, 012051.	0.3	0
71	Nanodiamonds + bacteriochlorin as an infrared photosensitizer for deep-lying tumor diagnostics and therapy. Journal of Physics: Conference Series, 2016, 737, 012052.	0.3	0
72	Rare-earth doped nanocrystals as an active medium for terahertz stimulated emission. , 2016, , .		0

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73	Gonarthrosis photodynamic therapy with chlorin e6 derivatives. Photodiagnosis and Photodynamic Therapy, 2016, 15, 88-93.	1.3	4
74	Spatially and spectrally resolved particle swarm optimization for precise optical property estimation using diffuse-reflectance spectroscopy. Optics Express, 2016, 24, 12682.	1.7	10
75	Upconversion microparticles as time-resolved luminescent probes for multiphoton microscopy: desired signal extraction from the streaking effect. Journal of Biomedical Optics, 2016, 21, 096002.	1.4	15
76	Nanophotosensitizers for teranostics. , 2016, , .		0
77	Lymphotropic administration of photosensitizer as a model of target therapy of testicle inflammation: Experimental and clinical data. Photodiagnosis and Photodynamic Therapy, 2016, 13, 15-21.	1.3	0
78	Pulsed periodic laser excitation of upconversion luminescence for deep biotissue visualization. Laser Physics, 2016, 26, 084001.	0.6	15
79	NIR fluorescence quenching by OH acceptors in the Nd <sup>3+</sup> doped KY <sub>3</sub> F <sub>10</sub> nanoparticles synthesized by microwave-hydrothermal treatment. Journal of Alloys and Compounds, 2016, 661, 312-321.	2.8	13
80	Laser biospectroscopy and 5-ALA fluorescence navigation as a helpful tool in the meningioma resection. Neurosurgical Review, 2016, 39, 437-447.	1.2	41
81	Fluorescence quenching mechanism for water-dispersible Nd <sup>3+</sup> :KYF <sub>4</sub> nanoparticles synthesized by microwave-hydrothermal technique. Journal of Luminescence, 2016, 169, 722-727.	1.5	17
82	PHOTONIC METHODS FOR QUALITY EVALUATION OF SKIN ENGRAFTMENT. Biomedical Photonics, 2016, 5, 30-40.	0.3	4
83	Anomalous fluorescence of the spherical carbon nitride nanostructures. Chemical Physics Letters, 2015, 633, 95-98.	1.2	7
84	Near-infrared photosensitizers based on nanostructured forms of phthalocyanine derivatives. Russian Journal of General Chemistry, 2015, 85, 280-288.	0.3	11
85	Impact of holmium fibre laser radiation ( $\lambda = 2.1 \mu\text{m}$ ) on the spinal cord dura mater and adipose tissue. Quantum Electronics, 2015, 45, 781-784.	0.3	2
86	A method of controlled skin surface cooling during photodynamic therapy and hyperthermia treatment. Russian Journal of General Chemistry, 2015, 85, 346-350.	0.3	0
87	Study of phthalocyanine derivatives as contrast agents for magnetic resonance imaging. Russian Journal of General Chemistry, 2015, 85, 333-337.	0.3	5
88	Photodynamic effect of iron(III) oxide nanoparticles coated with zinc phthalocyanine. Russian Journal of General Chemistry, 2015, 85, 338-340.	0.3	3
89	Use of optical-spectral methods for in vivo noninvasive assessment of nanoparticles accumulation in biological tissues. Russian Journal of General Chemistry, 2015, 85, 341-345.	0.3	1
90	Metal nanoparticles of different shapes influence on optical properties of multilayered biological tissues. Proceedings of SPIE, 2015, , .	0.8	1

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91	A spectroscopic method for simultaneous determination of protoporphyrin IX and hemoglobin in the nerve tissues at intraoperative diagnosis. Russian Journal of General Chemistry, 2015, 85, 1549-1557.	0.3	5
92	Crystalline organic nanoparticles for diagnosis and PDT. , 2015, , .		3
93	Laser heating of the Y <sub>1-x</sub> Dy <sub>x</sub> PO <sub>4</sub> nanocrystals. Optical Materials Express, 2015, 5, 1230.	1.6	6
94	Raman and fluorescence microscopy to study the internalization and dissolution of photosensitizer nanoparticles into living cells. Proceedings of SPIE, 2015, , .	0.8	0
95	Raman and fluorescence microscopy to study the internalization and dissolution of photosensitizer nanoparticles into living cells. , 2015, , .		0
96	Novel Photomedicine. International Journal of Photoenergy, 2014, 2014, 1-2.	1.4	0
97	Decay times of radiative and non-radiative transitions in rare-earth ions. Physica Scripta, 2014, T163, 014032.	1.2	1
98	Scattered and Fluorescent Photon Track Reconstruction in a Biological Tissue. International Journal of Photoenergy, 2014, 2014, 1-7.	1.4	12
99	Two-Stage Analysis on Models for Quantitative Differentiation of Early-Pathological Bladder States. International Journal of Photoenergy, 2014, 2014, 1-7.	1.4	0
100	The method of intraoperative analysis of structural and metabolic changes in the area of tumor resection. , 2014, , .		1
101	Pre-processing method to improve optical parameters estimation in Monte Carlo-based inverse problem solving. Proceedings of SPIE, 2014, , .	0.8	0
102	An energy transfer kinetic probe for OH-quenchers in the Nd <sup>3+</sup> :YPO <sub>4</sub> nanocrystals suitable for imaging in the biological tissue transparency window. Physical Chemistry Chemical Physics, 2014, 16, 26806-26815.	1.3	28
103	Fluorescence investigation of the detachment of aluminum phthalocyanine molecules from aluminum phthalocyanine nanoparticles in monocytes/macrophages and skin cells and their localization in monocytes/macrophages. Photodiagnosis and Photodynamic Therapy, 2014, 11, 380-390.	1.3	13
104	Particle swarm optimisation algorithm for Monte Carlo-based inverse problem solving. , 2014, , .		0
105	Obtainment of chimeric blastocysts of mice by methods of laser nanosurgery. Russian Journal of Developmental Biology, 2013, 44, 302-306.	0.1	2
106	Synthesis and luminescence of ultrafine Er <sup>3+</sup> - and Yb <sup>3+</sup> -doped Gd <sub>11</sub> SiP <sub>3</sub> O <sub>26</sub> and Gd <sub>14</sub> B <sub>6</sub> Ge <sub>2</sub> O <sub>34</sub> particles for cancer diagnostics. Inorganic Materials, 2013, 49, 76-81.	0.2	11
107	Technique for measuring laser radiation intensity in biological tissues. Photonics & Lasers in Medicine, 2013, 2, .	0.3	0
108	Spectroscopic research of upconversion nanomaterials based on complex oxide compounds doped with rare-earth ion pairs: Benefit for cancer diagnostics by upconversion fluorescence and radio sensitive methods/Spektroskopische Untersuchung von mit Ionenpaaren Seltener Erden dotierten Upconversion-Nanokompositen: Nutzen für die Krebsdiagnostik durch Upconversion-Fluoreszenz und strahlungssensitive Methoden. Photonics & Lasers in Medicine, 2013, 2, .	0.3	26

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109	Numerical modelling and in vivo analysis of fluorescent and laser light backscattered from glial brain tumors. , 2012, , .		3
110	Synthesis and luminescent characteristics of submicron powders on the basis of sodium and yttrium fluorides doped with rare earth elements. Nanotechnologies in Russia, 2012, 7, 615-628.	0.7	8
111	Nanocomposites Containing Silica-Coated Gold-Silver Nanocages and Yb <sup>2+</sup> , 4-Dimethoxyhematoporphyrin: Multifunctional Capability of IR-Luminescence Detection, Photosensitization, and Photothermolysis. ACS Nano, 2011, 5, 7077-7089.	7.3	143
112	Combined spectroscopic method for determining the fluorophore concentration in highly scattering media. Bulletin of the Lebedev Physics Institute, 2011, 38, 334-338.	0.1	5
113	Experimental and Monte Carlo investigation of visible diffuse-reflectance imaging sensitivity to diffusing particle size changes in an optical model of a bladder wall. Applied Physics B: Lasers and Optics, 2011, 105, 631-639.	1.1	3
114	Spectroscopy of nanoparticles based on Gd <sub>14</sub> B <sub>6</sub> Ge <sub>20</sub> 3 <sub>4</sub> polycrystals and La <sub>2</sub> O <sub>3</sub> B <sub>2</sub> O <sub>3</sub> glasses, activated by Nd <sup>3+</sup> ions, for cancer diagnostics. Quantum Electronics, 2011, 40, 1094-1097.	0.3	4
115	Biocompatible Carbon-coated 3-d Metal Nanocomposites for Therapy of Oncological Diseases. , 2010, , .		0
116	Methods of silicon nanoparticles visualizations for in-vivo application. , 2010, , .		0
117	Optical Properties Of Silicon Nanoparticles Covered With The Dye Layers. , 2010, , .		0
118	Cobalt Phthalocyanine Nanoparticles Capable Of Reversible Aggregating In Biotissues Under Physical Action. , 2010, , .		0
119	Sapphire Smart Scalpel. , 2010, , .		2
120	Application of aluminum phthalocyanine nanoparticles for fluorescent diagnostics in dentistry and skin autotransplantation. Journal of Biophotonics, 2010, 3, 336-346.	1.1	23
121	Near-infrared fluorescent proteins. Nature Methods, 2010, 7, 827-829.	9.0	205
122	Fibreoptic diffuse-light irradiators of biological tissues. Quantum Electronics, 2010, 40, 746-750.	0.3	9
123	Sapphire smart scalpel. Bulletin of the Russian Academy of Sciences: Physics, 2009, 73, 1341-1344.	0.1	16
124	Sapphire needle capillaries for laser medicine. Bulletin of the Russian Academy of Sciences: Physics, 2009, 73, 1345-1348.	0.1	14
125	Temperature control technique for laser hyperthermia. Proceedings of SPIE, 2008, , .	0.8	1
126	The video fluorescent device for diagnostics of cancer of human reproductive system. Proceedings of SPIE, 2007, , .	0.8	0



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127	New efficient near-IR photosensitizer based on bacteriochlorin p N-methoxycycloimide oxyme methyl ester. Proceedings of SPIE, 2007, , .	0.8	1
128	Influence of vesicle size distribution on level and selectivity of accumulation of liposomal photosensitizer Tiosens in tumor. Proceedings of SPIE, 2007, , .	0.8	0
129	Multi-spectral imaging of oxygen saturation. , 2007, , .		2
130	Application of backward diffuse reflection spectroscopy for monitoring the state of tissues in photodynamic therapy. Quantum Electronics, 2006, 36, 1103-1110.	0.3	16
131	Laser spectroscopy technique for estimating the efficiency of photosensitizers in biological media. Quantum Electronics, 2006, 36, 562-568.	0.3	8
132	<title>Investigation of myocardial photodynamic revascularization method on ischemic rat myocardium model</title>. , 2006, , .		0
133	Optimization of parodontium tissue irradiation method for fluorescent diagnostic (FD) and photodynamic therapy (PDT). , 2004, , .		1
134	<title>Investigation of normal and pathological parodontium tissue autofluorescence images</title>. , 2004, 5486, 287.		0
135	Developing system for delivery of optical radiation in medicobiological researches. , 2004, , .		0
136	Universal power meter of light radiation for optical fiber and photodiodes. , 2004, , .		0
137	<title>Development of the myocardial photodynamic revascularization method</title>. , 2004, , .		1
138	A laser-spectroscopy complex for fluorescent diagnostics and photodynamic therapy of age-related macula degeneration. , 2004, 5449, 222.		0
139	<title>Device for fluorescent control and photodynamic therapy of age-related macula degeneration</title>. , 2004, , .		0
140	<title>Measuring optical properties of microvolume biopsies</title>. , 2004, , .		0
141	Photodynamic therapy of acne vulgaris.. , 2003, , .		0
142	Diagnostics of a laser-induced response of capillary vessels in tissues. Quantum Electronics, 2002, 32, 917-922.	0.3	8
143	<title>ALA-containing transparent applicators on the basis of biodegradable polymers for photodynamic therapy of superficial malignancies</title>. , 2002, , .		0
144	<title>Simultaneous measurement of photosensitizer absorption and fluorescence in patients undergoing photodynamic therapy</title>. , 2002, , .		6

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145	Influence of parameters of laser irradiation on the mechanisms of tumor damage due to PDT. , 2001, , .		3
146	<title>Application of 5-ALA for differential diagnostics of stomach diseases</title>. , 2001, , .		0
147	<title>Spectral and imaging fluorescence analysis with ALA-induced protoporphyrin IX with the aim to increase the efficiency of bladder transurethral resections</title>. , 2001, , .		2
148	Influence of red laser irradiation on hemoglobin oxygen saturation and blood volume in human skin in vivo. , 2001, , .		5
149	<title>Different pathways of tumor damage due to PDT: the influence of parameters of laser irradiation</title>. , 2001, 4156, 54.		1
150	<title>Autofluorescence diagnostic of gynecological diseases ex vivo</title>. , 2001, , .		0
151	<title>Photobleaching of endogenous fluorochroms in tissues in vivo during laser irradiation</title>. , 2001, 4241, 13.		11
152	Evaluation of blood oxygen saturation in vivo from diffuse reflectance spectra. Journal of Biomedical Optics, 2001, 6, 457.	1.4	100
153	<title>Photobleaching of photosensitizers applied for photodynamic therapy</title>. , 2000, , .		12
154	Study of photodynamic reactions in human blood. Journal of Biomedical Optics, 2000, 5, 338.	1.4	21
155	<title>Experimental study of PDT with aluminum sulphophthalocyanine using sodium ascorbate and hyperbaric oxygenation</title>. , 1999, , .		3
156	Oxygen consumption during photodynamic reactions in human blood. , 1998, 3254, 461.		2
157	<title>New method of fluorescence diagnostics, photodynamic preventive maintenance, and treatment of diseases of the periodontium and mucous membrane of mouth</title>. , 1998, 3196, 206.		0
158	<title>Influence of light irradiation on blood oxygen saturation level in vitro and in vivo during photodynamic therapy</title>. , 1998, 3247, 128.		2
159	<title>3D visualization of hidden objects with irregular scattering or absorbing properties</title>. , 1998, 3195, 298.		0
160	<title>Determination of optical properties of biological tissue in its depth</title>. , 1998, , .		0
161	<title>Phenomenon of PDT-induced post-irradiation apoptosis in biological liquids cancer cells using sulphonated phthalocyanine aluminum photosensitizer</title>. , 1997, , .		4
162	<title>Phosphosubstituted phthalocyanine derivatives as effective photosensitizers for PDT</title>. , 1997, , .		2

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163	<title>Absorption spectroscopy as a tool to control blood oxygen saturation during photodynamic therapy</title>. , 1997, 3191, 58.		13
164	<title>Systemic estimation of the effect of photodynamic therapy of cancer</title>. , 1997, 3191, 187.		3
165	<title>Improvement of cancer PDT using sulphophthalocyanine and sodium ascorbate</title>. , 1997, , .		3
166	<title>Spectral fluorescent properties of tissues in vivo with excitation in the red wavelength range</title>. , 1997, , .		5
167	<title>Control of photosensitizer in tissue during photodynamic therapy by means of absorption spectroscopy</title>. , 1996, , .		10
168	<title>Photosensitizer for PDT based on phosphonate phthalocyanine derivative</title>. , 1996, 2924, 86.		4
169	<title>Identification of spectroscopic and optical parameters of whole blood depending on its concentration and layer thickness</title>. , 1996, , .		0
170	<title>Photodynamic therapy protocol parameters</title>. , 1996, 2625, 507.		0
171	<title>Photodynamic therapy of lung cancer</title>. , 1996, , .		0
172	<title>Spectra changes of whole blood with sulfonated aluminum phthalocyanine photosensitizer during photodynamic therapy in vitro</title>. , 1996, , .		3
173	<title>Laser-induced fluorescence spectroscopy of ALPc4 and liposomal ZnPc in a rat bladder tumor model and correlation with PDT efficiency</title>. , 1996, , .		0
174	<title>Photodynamic therapy of gastric cancer</title>. , 1996, , .		0
175	<title>Determination of photosensitizer concentration in normal skin tissue and in skin tumor with the use of two-wavelength laser light</title>. , 1996, 2625, 519.		0
176	<title>Palliative treatment of patients with malignant structures of esophagus</title>. , 1996, , .		0
177	<title>Changes of optical parameters of moving whole blood depending on shear rate</title>. , 1996, 2923, 35.		1
178	<title>Noninvasive evaluation of absolute fluorochrom concentration in various tissues in vivo by means of standard samples with modeled optical properties</title>. , 1995, , .		4
179	<title>Spectroscopy analysis of tissues in vivo</title>. , 1995, , .		0
180	<title>Laser fluorescent system for endoscopic tumor diagnostic and irradiation control in photodynamic therapy</title>. , 1995, 2627, 73.		0

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181	<title>Identification of spectroscopic parameters of whole blood depending on its physiological properties</title>. , 1995, 2326, 319.		1
182	<title>Intrasurgical diagnostics of lymphatic nodes metastasis using laser-induced autofluorescence</title>. , 1994, , .		0
183	Dynamics of the binding and change of photosensitizers of phthalocyanine row concentration in malignant tumors: experimental results. , 1994, , .		1
184	<title>Autofluorescent identification of head and neck cancer</title>. , 1994, 2081, 209.		0
185	Method of oxygenation saturation evaluation of stomach mucous after subtotal cancer resection. , 1994, 2328, 98.		2
186	<title>Spectra line separation method for sophisticated data analysis of biological tissue optical spectra</title>. , 1994, , .		2
187	<title>Perspectives of obtaining photosensitizers for near-IR range</title>. , 1994, 2078, 494.		0
188	<title>Synthesis of some water soluble diphthalocyanines of rare earth elements as perspective synthetic PDT dyes</title>. , 1994, 2078, 521.		2
189	<title>Spectral-autofluorescent diagnostics of stomach and lung cancer</title>. , 1992, , .		1
190	<title>Multichannel fiber system for luminescence diagnostics of tumors</title>. , 1992, 1649, 135.		0