

Mirosław Kwaśny

List of Publications by Year in descending order

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68
papers

505
citations

759233

12
h-index

752698

20
g-index

68
all docs

68
docs citations

68
times ranked

660
citing authors

#	ARTICLE	IF	CITATIONS
1	Photodynamic Therapy As a Promising Method Used in the Treatment of Oral Diseases. <i>Advances in Clinical and Experimental Medicine</i> , 2016, 25, 799-807.	1.4	81
2	Fabrication of anodic aluminum oxide with incorporated chromate ions. <i>Applied Surface Science</i> , 2012, 259, 324-330.	6.1	58
3	The effect of strip, tray and office peroxide bleaching systems on enamel surfaces in vitro. <i>Dental Materials</i> , 2008, 24, 1495-1500.	3.5	34
4	Comparison of fluorescence spectroscopy and FTIR in differentiation of plant pollens. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 97, 246-254.	3.9	31
5	Classification of the biological material with use of FTIR spectroscopy and statistical analysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 1221-1226.	3.9	28
6	Er ³⁺ and Yb ³⁺ doped active media for "eye safe" laser systems. <i>Journal of Alloys and Compounds</i> , 2000, 300-301, 398-406.	5.5	22
7	Fluorescence excitation-emission matrices of selected biological materials. , 2006, , .		18
8	Radiation induced recharging of cerium ions in Nd, Ce:Y ₃ Al ₅ O ₁₂ single crystals. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1997, 132, 647-652.	1.4	17
9	Nd ³⁺ , Er ³⁺ and Pr ³⁺ -doped fluoride glasses for laser applications. <i>Journal of Alloys and Compounds</i> , 2000, 300-301, 341-347.	5.5	15
10	Biological activity of 5-aminolevulinic acid and its methyl ester after storage under different conditions. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2007, 87, 67-72.	3.8	14
11	Improved laser-induced fluorescence method for bio-attack early warning detection system. <i>Proceedings of SPIE</i> , 2008, , .	0.8	14
12	A new approach to UVAPS data analysis towards detection of biological aerosol. <i>Journal of Aerosol Science</i> , 2013, 58, 148-157.	3.8	14
13	Growth and characterization of lithium tantalate single crystals doped with Ho, Tm, Nd, Yb, Pr and doped by diffusion with Cr and Cu. <i>Journal of Alloys and Compounds</i> , 2000, 300-301, 322-328.	5.5	12
14	A new real-time bio-aerosol fluorescence detector based on semiconductor CW excitation UV laser. <i>Journal of Aerosol Science</i> , 2016, 100, 14-25.	3.8	12
15	Application of superluminescent diodes (sLED) in the treatment of scarring alopecia "A pilot study. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 28, 195-200.	2.6	10
16	Applications of Laser-Induced Fluorescence in Medicine. <i>Sensors</i> , 2022, 22, 2956.	3.8	10
17	Formation of protoporphyrin IX from carboxylic- and amino-derivatives of 5-aminolevulinic acid. <i>Photodiagnosis and Photodynamic Therapy</i> , 2005, 2, 129-134.	2.6	8
18	FTIR-ATR and FT-Raman Spectroscopy for Biochemical Changes in Oral Tissue. <i>American Journal of Analytical Chemistry</i> , 2017, 08, 180-188.	0.9	8

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19	Laser induced fluorescence system for detection of biological agents: European project FABIOLA. , 2005, 5954, 30.		6
20	Application of FTIR and SERS spectroscopy in analysis and discrimination of bacteria and their interferents. Biomedical Spectroscopy and Imaging, 2014, 3, 29-39.	1.2	6
21	Multispectral gas detection method. , 2009, , .		6
22	Application of advanced optical methods for classification of air contaminants. WIT Transactions on Ecology and the Environment, 2009, , .	0.0	6
23	Topical Photodynamic Therapy with Different Forms of 5-Aminolevulinic Acid in the Treatment of Actinic Keratosis. Pharmaceutics, 2022, 14, 346.	4.5	6
24	A Reliable Method of Measuring the Conversion Degrees of Methacrylate Dental Resins. Sensors, 2022, 22, 2170.	3.8	6
25	Photodynamic therapy with 5-aminolevulinic acid and diamino acid derivatives of protoporphyrin IX reduces papillomas in mice without eliminating transformation into squamous cell carcinoma of the skin. International Journal of Cancer, 2009, 125, 1721-1727.	5.1	5
26	Chemical and spectroscopic signatures of resins from Sumatra (Sarolangun mine, Jambi Province) and Germany (Bitterfeld, Saxony-Anhalt). Scientific Reports, 2020, 10, 18283.	3.3	5
27	No Association of Hair Zinc Concentration with Coronary Artery Disease Severity and No Relation with Acute Coronary Syndromes. Biomolecules, 2022, 12, 862.	4.0	5
28	Progress in photodynamic method of tumor diagnosis and treatment. , 2000, 4238, 52.		4
29	Novel Application of Light-Emitting Diode Therapy in the Treatment of Eyebrow Loss in Frontal Fibrosing Alopecia. Sensors, 2021, 21, 5981.	3.8	4
30	<title>Gamma-induced effect of recharging: Ce ⁴⁺ -Ce ³⁺ in Ce ³⁺ and Nd ³⁺ doped YAG crystals</title>. , 1997, , .		3
31	<title>Excitation emission spectra of laser materials for UV-VIS range</title>. , 1997, , .		3
32	Laser fluorescence spectrometers for medical diagnosis. , 2000, 4238, 69.		3
33	Er ³⁺ - and Yb ³⁺ - doped phosphate glasses for eye-safe laser systems. , 2001, , .		3
34	<title>Double-clad photonic crystal fibre for laser applications</title>. , 2007, , .		3
35	AlGaAs/GaAs quantum cascade lasers for gas detection systems. , 2011, , .		3
36	Fast, reagentless and reliable screening of "white powders" during the bioterrorism hoaxes. Forensic Science International, 2015, 248, 71-77.	2.2	3

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37	Photodynamic therapy with the use of superluminescent diodes (sLED) in the treatment of actinic keratosis. Photodiagnosis and Photodynamic Therapy, 2018, 22, 187-190.	2.6	3
38	Changes in Luminescence of Ce:yag Crystals Under Ionizing Radiation Treatment. Acta Physica Polonica A, 1999, 95, 953-964.	0.5	3
39	Investigation Of Photosensitizing Properties Of Protoporphyrin Derivatives With Aminoacid Substituents. , 1987, , .		2
40	<title>Investigations of hematoporphyrine emission properties</title>. , 1995, , .		1
41	<title>Fluorometric analysis for neoplasm diagnostics and localization</title>. , 1997, , .		1
42	<title>Photodynamic method used for the treatment of malignant melanoma and Merkel cell carcinoma</title>. , 1997, , .		1
43	<title>Absorption interference filters for high-power laser systems</title>. , 1997, , .		1
44	Survival of islet allografts under kidney capsule in the recipient preconditioned with or without myeloablation and treated with UVB-irradiated donor bone marrow infusion. Transplantation Proceedings, 2002, 34, 657-658.	0.6	1
45	The application of semiconductor based UV sources for the detection and classification of biological material. Proceedings of SPIE, 2013, , .	0.8	1
46	Spectroscopic properties of second generation photosensitizers for photo-diagnostics and photo-dynamic therapy. , 2016, , .		1
47	Light sources currently used in photochemotherapy. Proceedings of SPIE, 2016, , .	0.8	1
48	Application of photodynamic therapy with the use of superluminescent light-emitting diode (sLED) lamp in actinic keratosis. Przegląd Dermatologiczny, 2019, 106, 372-383.	0.1	1
49	Determination of the silicon content in dietary supplements and in water. Journal of Elementology, 2019, , .	0.2	1
50	Can the silicon content in hair be an indicator of atherosclerosis risk?. Journal of Elementology, 2020, , .	0.2	1
51	Dye Foils With Increased Durability For Passive Q-Switching In A 1064 Nm Laser.. Proceedings of SPIE, 1987, , .	0.8	0
52	Investigation Of Photosensitizing Properties Of Selected Porphyrins With The Use An Argon Ion Laser. , 1987, 0859, 231.		0
53	<title>Localization of porphyrine amino acid derivatives in superficial tumors using laser-induced fluorescence</title>. , 1997, , .		0
54	Multimode amplifiers with Nd- or Er-doped fibers: a working-point analysis. , 2000, , .		0

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55	Er ³⁺ - and Yb ³⁺ -doped phosphate glasses for eye-safe wavelength lasers ($\lambda = 1.53 \text{ \AA}$ by 1.55 \AA). , 2000, 4239, 26.		0
56	<title>Investigations of YAG:Er³⁺</roman></sup></formula>,Yb³⁺</roman></sup></formula>and YAG:Co²⁺</roman></sup></formula>crystals for laser application</title>. , 2001, 4412, 406.		0
57	<title>Development of methane detection system</title>. , 2002, 4887, 46.		0
58	KGW:Yb, Er single crystals growth for eye-safe lasers. , 0, , .		0
59	Optical and laser properties of epitaxially grown passively Q-switched Cr⁴⁺/GGG/Nd³⁺/GGG, Cr⁴⁺/YAG/Yb³⁺/YAG and Cr⁴⁺/YAG/Nd³⁺/YAG microchip lasers. , 0, , .		0
60	<title>In vitro experimental photodynamic diagnosis of artery atherosclerosis</title>. , 2004, , .		0
61	<title>Selected aspects of the application of the fluorescence phenomenon in caries diagnosis</title>. , 2004, , .		0
62	<title>Investigations of radiation resistance of antilaser filters</title>. , 2006, , .		0
63	<title>Emission-excitation characteristics of luminophores for semiconductor sources of white light</title>. , 2006, , .		0
64	Optoelectronic methods in potential application in monitoring of environmental conditions. Proceedings of SPIE, 2016, , .	0.8	0
65	Effectiveness of selected products in masking white spot lesions on smooth surfaces of teeth. In vitro studies. Journal of Stomatology, 2014, 67, 330-345.	0.2	0
66	ÅrÅ³dÅ, a ÅwiatÅ, a dla terapii fotodynamicznej typu diod elektroluminescencyjnych z wyjÅciem ÅwiatÅ, owodowym. Elektronika, 2017, 1, 52-56.	0.0	0
67	Lichen sclerosus – A review of the literature. Polish Annals of Medicine, 0, , .	0.3	0
68	The use of photodynamic therapy in combined treatment of actinic keratosis. Przegląd Dermatologiczny, 2020, 107, 534-545.	0.1	0