

Theodoros G Papazoglou

List of Publications by Year in descending order

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53
papers

550
citations

687363

13
h-index

642732

23
g-index

54
all docs

54
docs citations

54
times ranked

516
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser-Induced Fluorescence in Artwork Diagnostics: An Application in Pigment Analysis. <i>Applied Spectroscopy</i> , 1996, 50, 1331-1334.	2.2	88
2	Photon statistics of laserlike emission from polymeric scattering gain media. <i>Optics Letters</i> , 2000, 25, 923.	3.3	67
3	Malignancies and atherosclerotic plaque diagnosis is laser induced fluorescence spectroscopy the ultimate solution?. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1995, 28, 3-11.	3.8	50
4	Random lasing following two-photon excitation of highly scattering gain media. <i>Applied Physics Letters</i> , 2002, 81, 2511-2513.	3.3	40
5	Photophysical properties of <i>Hypericum perforatum</i> L. extracts as Novel photosensitizers for PDT. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2006, 82, 146-151.	3.8	32
6	Artificial neural networks for discriminating pathologic from normal peripheral vascular tissue. <i>IEEE Transactions on Biomedical Engineering</i> , 2001, 48, 1088-1097.	4.2	30
7	Investigation of the laserlike behavior of polymeric scattering gain media under subpicosecond laser excitation. <i>Applied Optics</i> , 1999, 38, 6087.	2.1	29
8	Laser-induced fluorescence detection of cardiovascular atherosclerotic deposits via their natural emission and hypocrellin (HA) probing. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1994, 22, 139-144.	3.8	23
9	The Role of Laser-Induced Fluorescence in Myocardial Tissue Characterization. <i>Chest</i> , 2001, 120, 233-239.	0.8	19
10	Imaging of <i>Caenorhabditis elegans</i> neurons by second-harmonic generation and two-photon excitation fluorescence. <i>Journal of Biomedical Optics</i> , 2005, 10, 024015.	2.6	18
11	Optical characterization of thin female breast biopsies based on the reduced scattering coefficient. <i>Physics in Medicine and Biology</i> , 2005, 50, 2583-2596.	3.0	16
12	Merocyanine 540 mediated photoirradiation of leukemic cells. In vitro inference on cell survival. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1996, 32, 27-32.	3.8	13
13	Characterization of the reduced scattering coefficient for optically thin samples: theory and experiments. <i>Journal of Optics</i> , 2004, 6, 725-735.	1.5	13
14	Bone marrow purging by photodynamic treatment in children with acute leukemia. <i>Leukemia Research</i> , 2000, 24, 427-435.	0.8	12
15	Does <i>Hypericum perforatum</i> L. extract show any specificity as photosensitizer for HL-60 leukemic cells and cord blood hemopoietic progenitors during photodynamic therapy?. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2005, 80, 208-216.	3.8	12
16	Merocyanine 540 mediated photolysis of normal bone marrow, committed hemopoietic progenitors and neoplastic cells. Implications for bone marrow purging. <i>Leukemia Research</i> , 1997, 21, 641-650.	0.8	11
17	Spectral variations of laser-induced tissue emission during in vivo detection of malignancies in the female genital tract. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1997, 40, 183-186.	3.8	9
18	Laser-induced fluorescence detection of malignancies in the female genital tract via their natural emission and hypocrellin (HA) probing. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1997, 37, 96-100.	3.8	8

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19	Effect of liquid-nitrogen and formalin-based conservation in the in vitro measurement of laser-induced fluorescence from peripheral vascular tissue. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1998, 47, 109-114.	3.8	8
20	In vitro optical characterization and discrimination of female breast tissue during near infrared femtosecond laser pulses propagation. <i>Journal of Biomedical Optics</i> , 2001, 6, 446.	2.6	8
21	A One Layer Tissue Fluorescence Model Based On Electromagnetic Theory. <i>Journal of Electromagnetic Waves and Applications</i> , 1998, 12, 1101-1121.	1.6	7
22	Imaging of <i>Caenorhabditis elegans</i> samples and sub-cellular localization of new generation photosensitizers for photodynamic therapy, using non-linear microscopy. <i>Journal Physics D: Applied Physics</i> , 2005, 38, 2625-2632.	2.8	6
23	Photophysical characterization of hematoporphyrin incorporated within collagen gels. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1994, 22, 45-50.	3.8	5
24	<title>Intraoperative metastases detection by laser-induced fluorescence spectroscopy</title>. , 1991, , .		4
25	Nonparametric characterization of human breast tissue by the Laguerre expansion of the kernels technique applied on propagating femtosecond laser pulses through biopsy samples. <i>Applied Physics Letters</i> , 1999, 74, 771-772.	3.3	4
26	Single and double wavelength excitation of laser-induced fluorescence of normal and atherosclerotic peripheral vascular tissue. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2000, 56, 163-171.	3.8	4
27	Laser-induced tissue autofluorescence versus exogenous chemical probe induced fluorescence as an arterial layer detection method: a comparative study. , 1990, , .		3
28	Limitations of diffusion approximation in describing femtosecond laser transillumination of highly scattering media of biological significance. <i>Applied Physics Letters</i> , 1995, 67, 3712-3714.	3.3	3
29	Laser Doppler spectroscopy towards the detection of spontaneous muscle activity. <i>Clinical Neurophysiology</i> , 2006, 117, 2279-2283.	1.5	2
30	Laser-induced fluorescence guided laser angioplasty using exogenous probe (tetracycline). <i>Journal of the American College of Cardiology</i> , 1990, 15, A56.	2.8	1
31	<title>Blood perfusion and pH monitoring in organs by laser-induced fluorescence spectroscopy</title>. , 1994, 2081, 117.		1
32	Detection of cardiovascular calcified deposits via tetracarboxylate ion dye (BTC) probing and laser-induced fluorescence spectroscopy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1995, 27, 81-84.	3.8	1
33	Effect of diffraction on early-arriving photons during femtosecond laser transillumination of highly scattering media of biological significance. <i>Applied Optics</i> , 1996, 35, 3759.	2.1	1
34	<title>Interactions of ultrafast laser pulses with biologic tissues</title>. , 2000, , .		1
35	Production and laser-induced fluorescence spectroscopy (L.I.F.S.) of different <i>Hypericum perforatum</i> L. extracts. , 2005, 5689, 48.		1
36	<title>Practical considerations for effective microendoscopy</title>. , 1991, , .		0

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37	<title>Detection of atheroma using Photofrin II^r and laser-induced fluorescence spectroscopy</title>. , 1991, , .		0
38	<title>Laser-induced fluorescence spectroscopy of pathologically enlarged prostate gland in vitro</title>. , 1991, , .		0
39	<title>Laser-induced fluorescence detection of cardiovascular calcified deposits via tetracarboxylate ion dye probing</title>. , 1993, , .		0
40	<title>Biodistribution of benzoporphyrin derivative in tumor-bearing rats by laser-induced fluorescence spectroscopy</title>. , 1993, 1881, 195.		0
41	<title>Differentiation of artery wall lesions using porphyrins and fiberoptic sensor in rabbits</title>. , 1994, 2086, 2.		0
42	<title>Biodistribution detection of Photofrin porfimer sodium and benzoporphyrin derivative using a fiber optic sensor and ratio fluorometry</title>. , 1994, 2078, 219.		0
43	<title>Influence of cw laser beam diffraction on the imaging of hidden discontinuities in turbid media of biological significance</title>. , 1995, 2326, 185.		0
44	<title>Effect of liquid nitrogen and formalin-based conservation in the in-vitro measurement of laser-induced fluorescence of peripheral vascular tissue</title>. , 1997, , .		0
45	<title>Use of the polarization vector in modeling tissue fluorescence: theoretical and experimental comparison</title>. , 1997, , .		0
46	<title>Photon statistics of the laserlike emission from polymeric scattering gain media with tissuelike optical properties</title>. , 2000, 4162, 30.		0
47	<title>Artificial neural networks analysis of laser-induced fluorescence spectra for characterization of peripheral vascular tissue</title>. , 2001, 4158, 199.		0
48	<title>Second harmonic generation and random lasing after two-photon excitation</title>. , 2001, , .		0
49	<title>Single and double photon excitation of dyes in highly scattering media of biological significance</title>. , 2002, , .		0
50	Optical characterization of small biopsy samples. , 2003, , .		0
51	Laser transmission measurements towards the detection of abnormal muscle denervation. , 2003, 5141, 341.		0
52	LIF after excitation with ultrafast laser irradiation: the response of a single cell and the effect of its scattering environment. , 2003, , .		0
53	<title>Fluorescence-based tissue biopsy needle: in vivo optical diagnosis in rat model with low cost, arc-lamp-based system</title>. , 1993, , .		0