

# 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 Doppler spectroscopy towards the detection of spontaneous muscle activity. <i>Clinical Neurophysiology</i> , 2006, 117, 2279-2283.	1.5	2
2	Photophysical properties of <i>Hypericum perforatum</i> L. extracts – Novel photosensitizers for PDT. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2006, 82, 146-151.	3.8	32
3	Production and laser-induced fluorescence spectroscopy (L.I.F.S.) of different <i>Hypericum perforatum</i> L. extracts. , 2005, 5689, 48.		1
4	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
5	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
6	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
7	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
8	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
9	Optical characterization of small biopsy samples. , 2003, , .		0
10	Laser transmission measurements towards the detection of abnormal muscle denervation. , 2003, 5141, 341.		0
11	LIF after excitation with ultrafast laser irradiation: the response of a single cell and the effect of its scattering environment. , 2003, , .		0
12	Random lasing following two-photon excitation of highly scattering gain media. <i>Applied Physics Letters</i> , 2002, 81, 2511-2513.	3.3	40
13	<title>Single and double photon excitation of dyes in highly scattering media of biological significance</title>. , 2002, , .		0
14	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
15	<title>Artificial neural networks analysis of laser-induced fluorescence spectra for characterization of peripheral vascular tissue</title>. , 2001, 4158, 199.		0
16	The Role of Laser-Induced Fluorescence in Myocardial Tissue Characterization. <i>Chest</i> , 2001, 120, 233-239.	0.8	19
17	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
18	<title>Second harmonic generation and random lasing after two-photon excitation</title>. , 2001, , .		0

#	ARTICLE	IF	CITATIONS
19	<title>Photon statistics of the laserlike emission from polymeric scattering gain media with tissuelike optical properties</title>. , 2000, 4162, 30.		0
20	<title>Interactions of ultrafast laser pulses with biologic tissues</title>. , 2000, , .		1
21	Single and double wavelength excitation of laser-induced fluorescence of normal and atherosclerotic peripheral vascular tissue. Journal of Photochemistry and Photobiology B: Biology, 2000, 56, 163-171.	3.8	4
22	Bone marrow purging by photodynamic treatment in children with acute leukemia. Leukemia Research, 2000, 24, 427-435.	0.8	12
23	Photon statistics of laserlike emission from polymeric scattering gain media. Optics Letters, 2000, 25, 923.	3.3	67
24	Nonparametric characterization of human breast tissue by the Laguerre expansion of the kernels technique applied on propagating femtosecond laser pulses through biopsy samples. Applied Physics Letters, 1999, 74, 771-772.	3.3	4
25	Investigation of the laserlike behavior of polymeric scattering gain media under subpicosecond laser excitation. Applied Optics, 1999, 38, 6087.	2.1	29
26	Effect of liquid-nitrogen and formalin-based conservation in the in vitro measurement of laser-induced fluorescence from peripheral vascular tissue. Journal of Photochemistry and Photobiology B: Biology, 1998, 47, 109-114.	3.8	8
27	A One Layer Tissue Fluorescence Model Based On Electromagnetic Theory. Journal of Electromagnetic Waves and Applications, 1998, 12, 1101-1121.	1.6	7
28	<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
29	<title>Use of the polarization vector in modeling tissue fluorescence: theoretical and experimental comparison</title>. , 1997, , .		0
30	Merocyanine 540 mediated photolysis of normal bone marrow, committed hemopoietic progenitors and neoplastic cells. Implications for bone marrow purging. Leukemia Research, 1997, 21, 641-650.	0.8	11
31	Laser-induced fluorescence detection of malignancies in the female genital tract via their natural emission and hypocrellin (HA) probing. Journal of Photochemistry and Photobiology B: Biology, 1997, 37, 96-100.	3.8	8
32	Spectral variations of laser-induced tissue emission during in vivo detection of malignancies in the female genital tract. Journal of Photochemistry and Photobiology B: Biology, 1997, 40, 183-186.	3.8	9
33	Effect of diffraction on early-arriving photons during femtosecond laser transillumination of highly scattering media of biological significance. Applied Optics, 1996, 35, 3759.	2.1	1
34	Laser-Induced Fluorescence in Artwork Diagnostics: An Application in Pigment Analysis. Applied Spectroscopy, 1996, 50, 1331-1334.	2.2	88
35	Merocyanine 540 mediated photoirradiation of leukemic cells. In vitro inference on cell survival. Journal of Photochemistry and Photobiology B: Biology, 1996, 32, 27-32.	3.8	13
36	<title>Influence of cw laser beam diffraction on the imaging of hidden discontinuities in turbid media of biological significance</title>. , 1995, 2326, 185.		0

#	ARTICLE	IF	CITATIONS
37	Malignancies and atherosclerotic plaque diagnosis is laser induced fluorescence spectroscopy the ultimate solution?. Journal of Photochemistry and Photobiology B: Biology, 1995, 28, 3-11.	3.8	50
38	Detection of cardiovascular calcified deposits via tetracarboxylate ion dye (BTC) probing and laser-induced fluorescence spectroscopy. Journal of Photochemistry and Photobiology B: Biology, 1995, 27, 81-84.	3.8	1
39	Limitations of diffusion approximation in describing femtosecond laser transillumination of highly scattering media of biological significance. Applied Physics Letters, 1995, 67, 3712-3714.	3.3	3
40	Photophysical characterization of hematoporphyrin incorporated within collagen gels. Journal of Photochemistry and Photobiology B: Biology, 1994, 22, 45-50.	3.8	5
41	Laser-induced fluorescence detection of cardiovascular atherosclerotic deposits via their natural emission and hypocrellin (HA) probing. Journal of Photochemistry and Photobiology B: Biology, 1994, 22, 139-144.	3.8	23
42	<title>Blood perfusion and pH monitoring in organs by laser-induced fluorescence spectroscopy</title>. , 1994, 2081, 117.		1
43	<title>Differentiation of artery wall lesions using porphyrins and fiberoptic sensor in rabbits</title>. , 1994, 2086, 2.		0
44	<title>Biodistribution detection of Photofrin porfimer sodium and benzoporphyrin derivative using a fiber optic sensor and ratio fluorometry</title>. , 1994, 2078, 219.		0
45	<title>Laser-induced fluorescence detection of cardiovascular calcified deposits via tetracarboxylate ion dye probing</title>. , 1993, , .		0
46	<title>Biodistribution of benzoporphyrin derivative in tumor-bearing rats by laser-induced fluorescence spectroscopy</title>. , 1993, 1881, 195.		0
47	<title>Fluorescence-based tissue biopsy needle: in vivo optical diagnosis in rat model with low cost, arc-lamp-based system</title>. , 1993, , .		0
48	<title>Practical considerations for effective microendoscopy</title>. , 1991, , .		0
49	<title>Detection of atheroma using Photofrin II<sup>r</sup> and laser-induced fluorescence spectroscopy</title>. , 1991, , .		0
50	<title>Intraoperative metastases detection by laser-induced fluorescence spectroscopy</title>. , 1991, , .		4
51	<title>Laser-induced fluorescence spectroscopy of pathologically enlarged prostate gland in vitro</title>. , 1991, , .		0
52	Laser-induced tissue autofluorescence versus exogenous chemical probe induced fluorescence as an arterial layer detection method: a comparative study. , 1990, , .		3
53	Laser-induced fluorescence guided laser angioplasty using exogenous probe (tetracycline). Journal of the American College of Cardiology, 1990, 15, A56.	2.8	1