Nikolaos C Deliolanis

List of Publications by Year
in descending order

43	1,477	471061 17	360668 35
papers	citations	h-index	g-index

47	47	47	1964
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ex vivo validation of a real-time multispectral endoscopic system for the detection and biopsy of bladder tumors. Translational Andrology and Urology, 2021, 10, 2373-2383.	0.6	0
2	Multiparametric Cystoscopy for Detection of Bladder Cancer Using Real-time Multispectral Imaging. European Urology, 2020, 77, 251-259.	0.9	28
3	Establishment of Real-Time Multispectral Imaging for the Detection of Bladder Cancer Using a Preclinical in Vivo Model. Bladder Cancer, 2020, 6, 285-294.	0.2	2
4	Spectral and temporal multiplexing for multispectral fluorescence and reflectance imaging using two color sensors. Optics Express, 2017, 25, 12812.	1.7	13
5	Simultaneous real-time multicomponent fluorescence and reflectance imaging method for fluorescence-guided surgery. Optics Letters, 2016, 41, 1173.	1.7	6
6	Simultaneous Color Imaging and Fluorescence Detection using a Single Camera Sensor. , 2016, , .		0
7	Quantitative detection of drug dose and spatial distribution in the lung revealed by Cryoslicing Imaging. Journal of Pharmaceutical and Biomedical Analysis, 2015, 102, 129-136.	1.4	14
8	Effects of multispectral excitation on the sensitivity of molecular optoacoustic imaging. Journal of Biophotonics, 2015, 8, 629-637.	1.1	30
9	Deep-Tissue Reporter-Gene Imaging with Fluorescence and Optoacoustic Tomography: A Performance Overview. Molecular Imaging and Biology, 2014, 16, 652-660.	1.3	87
10	Unmixing Molecular Agents From Absorbing Tissue in Multispectral Optoacoustic Tomography. IEEE Transactions on Medical Imaging, 2014, 33, 48-60.	5.4	128
11	Fast unmixing of multispectral optoacoustic data with vertex component analysis. Optics and Lasers in Engineering, 2014, 58, 119-125.	2.0	18
12	Usefulness of a Darwinian System in a Biotechnological Application: Evolution of Optical Window Fluorescent Protein Variants under Selective Pressure. PLoS ONE, 2014, 9, e107069.	1.1	3
13	Fluorescence background subtraction technique for hybrid fluorescence molecular tomography/x-ray computed tomography imaging of a mouse model of early stage lung cancer. Journal of Biomedical Optics, 2013, 18, 056006.	1.4	17
14	Vaccinia virus-mediated melanin production allows MR and optoacoustic deep tissue imaging and laser-induced thermotherapy of cancer. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3316-3320.	3.3	109
15	Fluorescence Molecular Tomography of Brain Tumors in Mice. Cold Spring Harbor Protocols, 2013, 2013, pdb.prot074245.	0.2	5
16	In vivo mouse imaging using frequency domain optoacoustic tomography. , 2013, , .		0
17	Real-time imaging of renal clearance using multispectral optoacoustic tomography. , 2012, , .		0
18	Deep Tissue Optical and Optoacoustic Molecular Imaging Technologies for Pre-Clinical Research and Drug Discovery. Current Pharmaceutical Biotechnology, 2012, 13, 504-522.	0.9	65

#	Article	IF	Citations
19	In vivo frequency domain optoacoustic tomography. Optics Letters, 2012, 37, 3423.	1.7	39
20	In vivo tomographic imaging of red-shifted fluorescent proteins. Biomedical Optics Express, 2011, 2, 887.	1.5	28
21	Blind source unmixing in multi-spectral optoacoustic tomography. Optics Express, 2011, 19, 3175.	1.7	112
22	Spectral unmixing using component analysis in multispectral optoacoustic tomography. Proceedings of SPIE, 2011, , .	0.8	0
23	Electro-optic and electro-gyration effects on light propagation in f overline 4 2mpoint-group crystals. Journal of Applied Crystallography, 2011, 44, 1100-1110.	1.9	4
24	Blind spectral unmixing to identify molecular signatures of absorbers in multispectral optoacoustic tomography. Proceedings of SPIE, 2011, , .	0.8	2
25	Double-cladding-fiber-based detection system for intravascular mapping of fluorescent molecular probes. , 2011, , .		0
26	Imaging gene delivery in a mouse model of congenital neuronal ceroid lipofuscinosis. Gene Therapy, 2011, 18, 1173-1178.	2.3	16
27	Multiparametric optimization of multispectral optoacoustic tomography for deep tissue imaging. , 2010, , .		1
28	Fluorescence Tomography of Red-shifted Fluorescent Proteins. , 2010, , .		0
29	In-vivo imaging of murine tumors using complete-angle projection fluorescence molecular tomography. Journal of Biomedical Optics, 2009, 14, 030509.	1.4	42
30	Dispersion of electro-optic coefficients in sillenite crystals. Applied Physics B: Lasers and Optics, 2009, 95, 467-473.	1.1	18
31	Gaussia Luciferase Variant for High-Throughput Functional Screening Applications. Analytical Chemistry, 2009, 81, 7102-7106.	3.2	74
32	Internal crisis in a second-order non-linear non-autonomous electronic oscillator. Chaos, Solitons and Fractals, 2008, 36, 1055-1061.	2.5	4
33	The intermittent behavior of a second-order non-linear non-autonomous oscillator. Chaos, Solitons and Fractals, 2008, 36, 1191-1199.	2.5	5
34	Performance of the red-shifted fluorescent proteins in deep-tissue molecular imaging applications. Journal of Biomedical Optics, 2008, 13, 044008.	1.4	106
35	Visualization of pulmonary inflammation using noninvasive fluorescence molecular imaging. Journal of Applied Physiology, 2008, 104, 795-802.	1.2	87
36	Free-space fluorescence molecular tomography utilizing 360Â° geometry projections. Optics Letters, 2007, 32, 382.	1.7	180

#	Article	IF	Citations
37	Fluorescence Tomography and Magnetic Resonance Imaging of Myocardial Macrophage Infiltration in Infarcted Myocardium In Vivo. Circulation, 2007, 115, 1384-1391.	1.6	185
38	Dispersion of electrogyration in sillenite crystals. Applied Physics B: Lasers and Optics, 2006, 85, 591-596.	1.1	7
39	In-vivo Lung Cancer Imaging in Mice using 360Â° Free-space Fluorescence Molecular Tomography. , 2006, 2006, 2370-2.		4
40	The period doubling route to chaos of a second order non-linear non-autonomous chaotic oscillatorâ€“â€“part I. Chaos, Solitons and Fractals, 2004, 20, 843-847.	2.5	9
41	Photorefractive properties of (1-10) and (111)-cut sillenite crystals when external electric field is applied along the direction of the optimum diffraction efficiency. Applied Physics B: Lasers and Optics, 2002, 75, 67-73.	1.1	7
42	Optical properties of Bi12SiO20 single crystals doped with 4d and 5d transition elements. Journal of Applied Physics, 2001, 89, 2686-2689.	1.1	16
43	Photorefractive optical properties of volume phase gratings induced in sillenite crystals, when the grating vector lies on the (111) plane. Applied Physics B: Lasers and Optics, 2000, 71, 841-848.	1.1	2