

Paola Taroni

List of Publications by Year in descending order

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262
papers

6,098
citations

57758

44
h-index

85541

71
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263
all docs

263
docs citations

263
times ranked

3689
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of a pipeline for simulation, reconstruction, and classification in ultrasound-aided diffuse optical tomography of breast tumors. <i>Journal of Biomedical Optics</i> , 2022, 27, .	2.6	6
2	Multi-laboratory performance assessment of diffuse optics instruments: the BitMap exercise. <i>Journal of Biomedical Optics</i> , 2022, 27, .	2.6	9
3	Preliminary Evidence of the Efficacy of Time-Resolved Broad-Spectrum Optical Mammography in Monitoring Neoadjuvant Chemotherapy. , 2022, , .		0
4	In vivo test-driven upgrade of a time domain multi-wavelength optical mammograph. <i>Biomedical Optics Express</i> , 2021, 12, 1105.	2.9	6
5	Time-domain diffuse optics with 8.6 μm fast-gated SiPM for extreme light harvesting. <i>Optics Letters</i> , 2021, 46, 424.	3.3	11
6	Optical mammography in the time domain up to 1060 nm: from tests on healthy women to initial data for monitoring neoadjuvant chemotherapy. , 2021, , .		0
7	SOLUS: a novel multimodal approach to ultrasound and diffuse optics imaging of breast cancer. , 2021, , .		0
8	The SiPM revolution in time-domain diffuse optics. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020, 978, 164411.	1.6	16
9	Large-Area, Fast-Gated Digital SiPM With Integrated TDC for Portable and Wearable Time-Domain NIRS. <i>IEEE Journal of Solid-State Circuits</i> , 2020, 55, 3097-3111.	5.4	21
10	Non-invasive investigation of adipose tissue by time domain diffuse optical spectroscopy. <i>Biomedical Optics Express</i> , 2020, 11, 2779.	2.9	20
11	SOLUS Project: Bringing Innovation into Breast Cancer Diagnosis and in the Time-Domain Diffuse Optical Field. , 2020, , .		1
12	Multi-laboratory efforts for the standardization of performance assessment of diffuse optics instruments “ the BitMap Exercise. , 2020, , .		1
13	Multi Simulation Platform for Time Domain Diffuse Optical Tomography: An Application to a Compact Hand-Held Reflectance Probe. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2849.	2.5	5
14	Fluorescence lifetime imaging of intracellular magnesium content in live cells. <i>Analyst, The</i> , 2019, 144, 1876-1880.	3.5	2
15	Broadband Time Domain Diffuse Optical Reflectance Spectroscopy: A Review of Systems, Methods, and Applications. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 5465.	2.5	15
16	Biosensor surface functionalization by a simple photochemical immobilization of antibodies: experimental characterization by mass spectrometry and surface enhanced Raman spectroscopy. <i>Analyst, The</i> , 2019, 144, 6871-6880.	3.5	38
17	Solid heterogeneous phantoms for multimodal ultrasound and diffuse optical imaging: an outcome of the SOLUS project for standardization. , 2019, , .		3
18	Systematic study of the effect of ultrasound gel on the performances of time-domain diffuse optics and diffuse correlation spectroscopy. <i>Biomedical Optics Express</i> , 2019, 10, 3899.	2.9	10

#	ARTICLE	IF	CITATIONS
19	Multi-wavelength time domain diffuse optical tomography for breast cancer: initial results on silicone phantoms. , 2019, , .		1
20	The LUCA device: laser and ultrasound co-analyzer for thyroid nodules. , 2019, , .		1
21	Effects of ultrasound impedance matching fluids on diffuse optical measurements. , 2019, , .		0
22	Spectral approach to time domain diffuse optical tomography for breast cancer: validation on meat phantoms. , 2019, , .		0
23	Fitting a spectral model for component analysis in diffuse optical tomography. , 2019, , .		0
24	High throughput detection chain for time domain optical mammography. Biomedical Optics Express, 2018, 9, 755.	2.9	20
25	Liquid phantoms for near-infrared and diffuse correlation spectroscopies with tunable optical and dynamic properties. Biomedical Optics Express, 2018, 9, 2068.	2.9	30
26	Broadband (550â€“1350â€‰nm) diffuse optical characterization of thyroid chromophores. Scientific Reports, 2018, 8, 10015.	3.3	23
27	Multidistance time domain diffuse optical spectroscopy in the assessment of abdominal fat heterogeneity. , 2018, , .		0
28	Diffuse optical characterization of collagen absorption from 500 to 1700Â nm. Journal of Biomedical Optics, 2017, 22, 015006.	2.6	95
29	Broadband diffuse optical characterization of elastin for biomedical applications. Biophysical Chemistry, 2017, 229, 130-134.	2.8	11
30	Attractive new technologies for 7-wavelength time domain optical mammography. Proceedings of SPIE, 2017, , .	0.8	0
31	Thyroid tissue constituents characterization and application to in vivo studies by broadband (600-1200) Tj ETQq1 1 0.784314 rgBT /C		1
32	Non-invasive optical estimate of tissue composition to differentiate malignant from benign breast lesions: A pilot study. Scientific Reports, 2017, 7, 40683.	3.3	50
33	Frequency offset Raman spectroscopy (FORS) for depth probing of diffusive media. Optics Express, 2017, 25, 4585.	3.4	30
34	In vivo depth heterogeneity of the abdomen assessed by broadband time-domain diffuse optical spectroscopy. , 2017, , .		1
35	Review of optical breast imaging and spectroscopy. Journal of Biomedical Optics, 2016, 21, 091311.	2.6	131
36	Broadband (600â€“1350 nm) Time-Resolved Diffuse Optical Spectrometer for Clinical Use. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 406-414.	2.9	66

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37	In Vivo, Non-Invasive Characterization of Human Bone by Hybrid Broadband (600-1200 nm) Diffuse Optical and Correlation Spectroscopies. PLoS ONE, 2016, 11, e0168426.	2.5	23
38	In vivo Time domain Broadband (600 -1200 nm) Diffuse Optical Characterization of Human Bone. , 2016, , .		0
39	Is Collagen an Independent Risk Factor for Breast Cancer?. , 2016, , .		0
40	Breast Tissue Composition and Its Dependence on Demographic Risk Factors for Breast Cancer: Non-Invasive Assessment by Time Domain Diffuse Optical Spectroscopy. PLoS ONE, 2015, 10, e0128941.	2.5	39
41	Optical study on the dependence of breast tissue composition and structure on subject anamnesis. , 2015, , .		0
42	Collagen content as a risk factor in breast cancer? A pilot clinical study. , 2015, , .		2
43	Time-resolved diffused optical characterization of key tissue constituents of human bony prominence locations. Proceedings of SPIE, 2015, , .	0.8	7
44	Optical discrimination between malignant and benign breast lesions. Proceedings of SPIE, 2015, , .	0.8	1
45	Broadband time-resolved diffuse optical spectrometer for clinical diagnostics: characterization and in-vivo measurements in the 600-1350 nm spectral range. , 2015, , .		4
46	Time domain diffuse optical spectroscopy:In vivoquantification of collagen in breast tissue. , 2015, , .		1
47	Breast Monitoring by Time-Resolved Diffuse Optical Imaging. Springer Series in Chemical Physics, 2015, , 587-611.	0.2	1
48	Broadband Time-Resolved Diffuse Optical Spectrometer for Clinical Diagnostics: Characterization and in-vivo Measurements in the 600-1350 nm spectral range. , 2015, , .		1
49	Time-resolved diffused optical characterization of key tissue constituents of human bony prominence locations. , 2015, , .		1
50	Collagen content as a risk factor in breast cancer? A pilot clinical study.. , 2015, , .		0
51	Optical study on the dependence of breast tissue composition and structure on subject anamnesis. , 2015, , .		0
52	Estimate of tissue composition in malignant and benign breast lesions by time-domain optical mammography. Biomedical Optics Express, 2014, 5, 3684.	2.9	50
53	The study of polyplex formation and stability by time-resolved fluorescence spectroscopy of SYBR Green I-stained DNA. Photochemical and Photobiological Sciences, 2014, 13, 1680-1689.	2.9	17
54	Optical mammography: Characterization of malignant and benign breast lesions by a perturbative model. , 2014, , .		0

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55	Photosensitizers and PDT. , 2014, , 477-496.		0
56	Optical Characterization of Benign and Malignant Breast Lesions by Perturbative Model. , 2014, , .		0
57	Correlation between Optically-derived Tissue Parameters and Percentage Mammographic Density. , 2014, , .		0
58	Comparison of four Monte Carlo methods for photon migration in biological tissues. Proceedings of SPIE, 2013, , .	0.8	0
59	Recipes to make organic phantoms for diffusive optical spectroscopy. Applied Optics, 2013, 52, 2494.	1.8	11
60	Optical identification of subjects at high risk for developing breast cancer. Journal of Biomedical Optics, 2013, 18, 060507.	2.6	31
61	Note: Comparison between a prism-based and an acousto-optic tunable filter-based spectrometer for diffusive media. Review of Scientific Instruments, 2013, 84, 016109.	1.3	4
62	Optical spectroscopy in the time-domain beyond 1.1 μm: A tool for the characterization of diffusive media. , 2013, , .		0
63	Optical identification of subjects at high risk for developing breast cancer. Proceedings of SPIE, 2013, , .	0.8	1
64	Time-resolved optical spectroscopy of the chest: is it possible to probe the lung?. , 2013, , .		2
65	Comparison of organic phantom recipes and characterization by time-resolved diffuse optical spectroscopy. Proceedings of SPIE, 2013, , .	0.8	1
66	In-vivo optical spectroscopy in the time-domain beyond 1100 nm. , 2013, , .		1
67	Effects of tissue heterogeneity on the optical estimate of breast density. Biomedical Optics Express, 2012, 3, 2411.	2.9	10
68	Absorption spectroscopy of powdered materials using time-resolved diffuse optical methods. Applied Optics, 2012, 51, 7858.	1.8	9
69	Time-Resolved Diffuse Optical Spectroscopy up to 1700 nm by Means of a Time-Gated InGaAs/InP Single-Photon Avalanche Diode. Applied Spectroscopy, 2012, 66, 944-950.	2.2	48
70	Time-Domain Broadband near Infrared Spectroscopy of the Female Breast: A Focused Review from Basic Principles to Future Perspectives. Journal of Near Infrared Spectroscopy, 2012, 20, 223-235.	1.5	37
71	Diffuse optical imaging and spectroscopy of the breast: A brief outline of history and perspectives. Photochemical and Photobiological Sciences, 2012, 11, 241-250.	2.9	33
72	Spectral Distortions in Time-Resolved Diffuse Optical Spectroscopy Due to AOTFs. , 2012, , .		0

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73	Recipes for Organic Phantoms and Characterization by Time-Resolved Diffuse Optical Spectroscopy. , 2012, , .		0
74	Optical Assessment of Breast Density and its Dependence on Tissue Heterogeneity. , 2012, , .		2
75	Photonics for Life. IEEE Pulse, 2011, 2, 16-23.	0.3	3
76	Fullerol in human lens and retinal pigment epithelial cells: time domain fluorescence spectroscopy and imaging. Photochemical and Photobiological Sciences, 2011, 10, 904.	2.9	7
77	Time-resolved fluorescence spectroscopic investigation of cationic polymer/DNA complex formation. , 2011, , .		0
78	Time-resolved fluorescence spectroscopic investigation of cationic polymer/DNA complex formation. , 2011, , .		0
79	Time-domain diffuse optical spectroscopy up to 1700 nm using an InGaAs/InP single-photon avalanche diode. Proceedings of SPIE, 2011, , .	0.8	1
80	Time-resolved diffuse optical spectroscopy up to 1700 nm using a time-gated InGaAs/InP single-photon avalanche diode. Proceedings of SPIE, 2011, , .	0.8	2
81	Time-domain diffuse optical spectroscopy beyond 1100 nm: initial feasibility study. Proceedings of SPIE, 2011, , .	0.8	1
82	Breast density assessment by means of time domain optical mammography at 635-1060 nm. Proceedings of SPIE, 2011, , .	0.8	2
83	First in vivo spectral characterization of breast up to 1300 nm. , 2011, , .		1
84	Time domain diffuse optical imaging and spectroscopy of breast. , 2011, , .		0
85	Breast density assessment by means of time domain optical mammography at 635-1060 nm. , 2011, , .		0
86	Study of cationic polymer/DNA complex (polyplex) formation by time-resolved fluorescence spectroscopy. , 2011, , .		0
87	Intra-subject spatial changes in the optical properties of the female breast: A preliminary two-subject study. Medical Laser Application: International Journal for Laser Treatment and Research, 2010, 25, 138-146.	0.3	0
88	Noninvasive assessment of breast cancer risk using time-resolved diffuse optical spectroscopy. Journal of Biomedical Optics, 2010, 15, 060501.	2.6	76
89	The impact of morphology on light transport in cancellous bone. Physics in Medicine and Biology, 2010, 55, 4917-4931.	3.0	6
90	Time-Resolved Diffuse Optical Spectroscopy: A Differential Absorption Approach. Applied Spectroscopy, 2010, 64, 1220-1226.	2.2	3

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91	Role of collagen scattering for in vivo tissue characterization. , 2010, , .		3
92	Spectral distortions due to a finite spectral bandwidth light source in time-resolved diffuse spectroscopy. , 2010, , .		0
93	Optical mammography at 635â€“1060 nm for breast density assessment and lesion characterization. , 2010, , .		1
94	Diffuse optical spectroscopy of breast tissue extended to 1100â€“,nm. Journal of Biomedical Optics, 2009, 14, 054030.	2.6	65
95	Seven-wavelength time-resolved optical mammography extending beyond 1000 nm for breast collagen quantification. Optics Express, 2009, 17, 15932.	3.4	91
96	Bandpass Effects in Time-Resolved Diffuse Spectroscopy. Applied Spectroscopy, 2009, 63, 48-56.	2.2	23
97	Time-resolved transmittance spectroscopy of breast in vivo up to 1100 nm: test on 10 volunteers. , 2009, , .		0
98	Time-resolved diffuse optical spectroscopy: a differential absorption approach. , 2009, , .		0
99	Effects of a finite spectral bandwidth light source in time-resolved diffuse spectroscopy. Proceedings of SPIE, 2009, , .	0.8	0
100	Time-Resolved Optical Spectroscopy of Wood. Applied Spectroscopy, 2008, 62, 569-574.	2.2	34
101	Light propagation in dry and wet softwood. Optics Express, 2008, 16, 9895.	3.4	62
102	Optical Mammography. , 2008, , 445-453.		0
103	Spectral extension of time-resolved transmittance spectroscopy up to 1100 nm for the in vivo quantification of collagen in breast tissue. , 2008, , .		0
104	Time-resolved optical mammography from 635 to 1060 nm for collagen quantification. , 2008, , .		0
105	Time domain diffuse optical imaging and spectroscopy: from lab to clinic. , 2008, , .		0
106	Determination of the optical properties of anisotropic biological media using isotropic and anisotropic diffusion models. Proceedings of SPIE, 2007, 6629, 166.	0.8	0
107	Fully automated time domain spectrometer for the absorption and scattering characterization of diffusive media. Review of Scientific Instruments, 2007, 78, 053103.	1.3	73
108	Time-resolved diffuse optical spectroscopy of wood. , 2007, 6633, 346.		2

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109	Assessment of collagen absorption and related potential diagnostic applications. Proceedings of SPIE, 2007, 6629, 86.	0.8	0
110	Time-resolved diffuse optical spectroscopy of small tissue samples. Proceedings of SPIE, 2007, , .	0.8	0
111	Time-resolved diffuse optical spectroscopy of small tissue samples. Optics Express, 2007, 15, 3301.	3.4	22
112	In vivo time-resolved reflectance spectroscopy of the human forehead. Applied Optics, 2007, 46, 1717.	2.1	43
113	Determination of the optical properties of anisotropic biological media using an isotropic diffusion model. Journal of Biomedical Optics, 2007, 12, 014026.	2.6	34
114	Optical Characterisation of Bone Tissue for Diffusion Optical Tomography Applied to Skeletal Implants. , 2007, , .		1
115	Absorption of collagen: effects on the estimate of breast composition and related diagnostic implications. Journal of Biomedical Optics, 2007, 12, 014021.	2.6	70
116	Assessment of collagen absorption and related potential diagnostic applications. , 2007, , .		0
117	Determination of the optical properties of anisotropic biological media using isotropic and anisotropic diffusion models. , 2007, , .		0
118	Time-resolved diffuse optical spectroscopy of small tissue samples. , 2007, , .		0
119	Time-resolved diffuse optical spectroscopy of wood. , 2007, , .		1
120	Multichannel Time-Resolved Tissue Oximeter for Functional Imaging of the Brain. IEEE Transactions on Instrumentation and Measurement, 2006, 55, 85-90.	4.7	14
121	MEALINESS DETECTION IN APPLES USING TIME RESOLVED REFLECTANCE SPECTROSCOPY. Journal of Texture Studies, 2005, 36, 439-458.	2.5	26
122	Characterization of female breast lesions from multi-wavelength time-resolved optical mammography. Physics in Medicine and Biology, 2005, 50, 2489-2502.	3.0	88
123	Characterization of normal breast tissue heterogeneity using time-resolved near-infrared spectroscopy. Physics in Medicine and Biology, 2005, 50, 2559-2571.	3.0	54
124	Multi-wavelength Time Domain Optical Mammography. Technology in Cancer Research and Treatment, 2005, 4, 527-537.	1.9	11
125	Time-resolved optical mammography between 637 and 985 nm: clinical study on the detection and identification of breast lesions. Physics in Medicine and Biology, 2005, 50, 2469-2488.	3.0	113
126	Performance assessment of photon migration instruments: the MEDPHOT protocol. Applied Optics, 2005, 44, 2104.	2.1	185

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127	Time-resolved Microspectrofluorimetry and Fluorescence Lifetime Imaging of Hypericin in Human Retinal Pigment Epithelial Cells. Photochemistry and Photobiology, 2005, 81, 524-528.	2.5	3
128	Time-resolved Microspectrofluorimetry and Fluorescence Lifetime Imaging of Hypericin in Human Retinal Pigment Epithelial Cells. Photochemistry and Photobiology, 2005, 81, 524.	2.5	19
129	Time-resolved Microspectrofluorimetry and Fluorescence Lifetime Imaging of Hypericin in Human Retinal Pigment Epithelial Cells. Photochemistry and Photobiology, 2005, 81, 524-8.	2.5	4
130	DETECTION OF INTERNAL QUALITY IN KIWI WITH TIME-DOMAIN DIFFUSE REFLECTANCE SPECTROSCOPY. Applied Engineering in Agriculture, 2004, 20, 223-230.	0.7	31
131	Optical biopsy of bone tissue: a step toward the diagnosis of bone pathologies. Journal of Biomedical Optics, 2004, 9, 474.	2.6	120
132	Spectroscopic time-resolved diffuse reflectance and transmittance measurements of the female breast at different interfiber distances. Journal of Biomedical Optics, 2004, 9, 1143.	2.6	106
133	Clinical trial of time-resolved scanning optical mammography at 4 wavelengths between 683 and 975 nm. Journal of Biomedical Optics, 2004, 9, 464.	2.6	115
134	Do shorter wavelengths improve contrast in optical mammography?. Physics in Medicine and Biology, 2004, 49, 1203-1215.	3.0	27
135	Mapping of calf muscle oxygenation and haemoglobin content during dynamic plantar flexion exercise by multi-channel time-resolved near-infrared spectroscopy. Physics in Medicine and Biology, 2004, 49, 685-699.	3.0	63
136	Bulk optical properties and tissue components in the female breast from multiwavelength time-resolved optical mammography. Journal of Biomedical Optics, 2004, 9, 1137.	2.6	133
137	Selection Models for the Internal Quality of Fruit, based on Time Domain Laser Reflectance Spectroscopy. Biosystems Engineering, 2004, 88, 313-323.	4.3	39
138	Liquid phantom for investigating light propagation through layered diffusive media. Optics Express, 2004, 12, 2102.	3.4	29
139	Phantom validation and in vivo application of an inversion procedure for retrieving the optical properties of diffusive layered media from time-resolved reflectance measurements. Optics Letters, 2004, 29, 2037.	3.3	46
140	Antitumor activity of photodynamic therapy, adoptive immunotherapy, and chemotherapy in experimental tumor. , 2004, 5319, 71.		1
141	Bulk hemoglobin, lipid and water content in the female breast from multi-wavelength time-resolved optical mammography. , 2004, , .		0
142	Experimental test of a perturbation model for time-resolved imaging in diffusive media. Applied Optics, 2003, 42, 3145.	2.1	23
143	In vivo absorption and scattering spectroscopy of biological tissues. Photochemical and Photobiological Sciences, 2003, 2, 124.	2.9	188
144	Four-wavelength time-resolved optical mammography in the 680-980-nm range. Optics Letters, 2003, 28, 1138.	3.3	77

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145	Use of a nonlinear perturbation approach for in vivo breast lesion characterization by multiwavelength time-resolved optical mammography. Optics Express, 2003, 11, 853.	3.4	79
146	Rigorous characterization of time-resolved diffuse spectroscopy systems for measurements of absorption and scattering properties using solid phantoms. , 2003, , .		2
147	Eight-channel time-resolved tissue oximeter for functional muscle studies. , 2003, , .		0
148	Performance assessment of two time-domain-scanning optical mammographs. , 2003, , .		1
149	Functional muscle studies by dual-wavelength eight-channel time-resolved oximetry. , 2003, , .		1
150	Breast lesion characterization by a novel nonlinear perturbation approach. , 2003, 5138, 23.		0
151	Multidistance optical characterization of the female breast by time-resolved diffuse spectroscopy. , 2003, , .		1
152	Clinical trial on time-resolved optical mammography at four wavelengths (680-975 nm). , 2003, , .		0
153	Four-wavelength time-resolved optical mammograph. , 2003, 4955, 203.		1
154	Performance assessment of two time-domain scanning optical mammographs. , 2003, , .		0
155	Investigation of the hybridization process in DNA-microarrays by fluorescence lifetime imaging. , 2003, , .		0
156	Functional muscle studies by dual-wavelength, 8-channel time-resolved oximetry. , 2003, , .		0
157	Breast lesion characterization by a novel nonlinear perturbation approach. , 2003, , .		0
158	Multidistance Optical Characterization of the Female Breast by Time-Resolved Diffuse Spectroscopy. , 2003, , .		0
159	Rigorous characterization of time-resolved diffuse spectroscopy systems for measurements of absorption and scattering properties using solid phantoms. , 2003, , .		0
160	Investigation of the hybridization process in DNA microarrays by fluorescence lifetime imaging. , 2003, , .		0
161	Time-resolved fluorescence imaging in biology and medicine. Journal Physics D: Applied Physics, 2002, 35, R61-R76.	2.8	217
162	Time-resolved optical mammograph for clinical studies beyond 900 nm. , 2002, , .		1

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163	In vivo optical characterization of human tissues from 610 to 1010 nm by time-resolved reflectance spectroscopy. <i>Physics in Medicine and Biology</i> , 2001, 46, 2227-2237.	3.0	169
164	Reconstruction of absorber concentrations in a two-layer structure by use of multidistance time-resolved reflectance spectroscopy. <i>Optics Letters</i> , 2001, 26, 1963.	3.3	28
165	Nondestructive quantification of chemical and physical properties of fruits by time-resolved reflectance spectroscopy in the wavelength range 650–1000 nm. <i>Applied Optics</i> , 2001, 40, 538.	2.1	146
166	Time-Resolved Reflectance Spectroscopy Applied to the Nondestructive Monitoring of the Internal Optical Properties in Apples. <i>Applied Spectroscopy</i> , 2001, 55, 1368-1374.	2.2	104
167	<title>In-vivo multidistance multiwavelength time-resolved reflectance spectroscopy of layered tissues</title>. , 2001, 4250, 290.		2
168	<title>Portable 8-channel time-resolved optical imager for functional studies of biological tissues</title>. , 2001, , .		3
169	<title>Dual-wavelength time-resolved optical mammograph for clinical studies</title>. , 2001, , .		2
170	Effects of photodynamic therapy on the absorption properties of disulphonated aluminum phthalocyanine in tumor-bearing mice. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2001, 60, 73-78.	3.8	23
171	Preliminary evaluation of two fluorescence imaging methods for the detection and the delineation of basal cell carcinomas of the skin. , 2000, 26, 76-82.		67
172	Effects of the Menstrual Cycle on the Red and Near-infrared Optical Properties of the Human Breast. <i>Photochemistry and Photobiology</i> , 2000, 72, 383-391.	2.5	22
173	Effects of the Menstrual Cycle on the Red and Near-infrared Optical Properties of the Human Breast. <i>Photochemistry and Photobiology</i> , 2000, 72, 383.	2.5	26
174	Quantification by random walk of the optical parameters of nonlocalized abnormalities embedded within tissuelike phantoms. <i>Optics Letters</i> , 2000, 25, 951.	3.3	37
175	Time-resolved DNA-microarray reading by an intensified CCD for ultimate sensitivity. <i>Optics Letters</i> , 2000, 25, 1648.	3.3	29
176	Fluorescence Imaging During Photodynamic Therapy of Experimental Tumors in Mice Sensitized with Disulphonated Aluminum Phthalocyanine. <i>Photochemistry and Photobiology</i> , 2000, 72, 690.	2.5	19
177	Reconstruction of the absorption spectra of layered diffusive media by time-and space-resolved reflectance spectroscopy. , 2000, , .		0
178	Fully automated facility for absorption and scattering spectroscopy in diffusive media. , 2000, , .		0
179	DNA microarray reading by an intensified CCD camera with picosecond time resolution. , 2000, , .		0
180	Effects of the menstrual cycle on the optical properties of the human breast. , 2000, , .		0

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181	In vivo quantification of biological tissues components and structure by time-resolved reflectance spectroscopy in the wavelength range 610-1010 nm. , 2000, , .		0
182	Effects of PDT on the in vivo absorption properties of ALS2Pc in tumor-bearing mice. , 2000, , .		0
183	Fluorescence monitoring during Photodynamic Therapy of experimental tumors with ALS2Pc. , 2000, , .		0
184	Time-resolved reflectance spectroscopy in tissues. , 1999, , .		1
185	<title>Compact time-resolved reflectance system for dual-wavelength multichannel assessment of tissue absorption and scattering</title>. , 1999, , .		0
186	Noninvasive absorption and scattering spectroscopy of bulk diffusive media: An application to the optical characterization of human breast. Applied Physics Letters, 1999, 74, 874-876.	3.3	108
187	Spatial resolution of imaging with diffusing light: Edge spread function measurements on a realistic tissue phantom. Medical Physics, 1999, 26, 462-471.	3.0	2
188	Steady-state and time-resolved spectroscopic studies on low-density lipoprotein-bound Zn(II)-phthalocyanine. Journal of Photochemistry and Photobiology B: Biology, 1999, 49, 198-203.	3.8	10
189	Photophysical Studies of A2-E, Putative Precursor of Lipofuscin, in Human Retinal Pigment Epithelial Cells. Photochemistry and Photobiology, 1999, 70, 172-175.	2.5	59
190	Fluorescence lifetime imaging: an application to the detection of skin tumors. IEEE Journal of Selected Topics in Quantum Electronics, 1999, 5, 923-929.	2.9	55
191	Compact tissue oximeter based on dual-wavelength multichannel time-resolved reflectance. Applied Optics, 1999, 38, 3670.	2.1	56
192	<title>Nondestructive measurements of the optical properties of fruits by means of time-resolved reflectance</title>. , 1999, 3597, 445.		3
193	<title>Quantitative imaging in time-resolved transillumination experiments using time-dependent contrast functions</title>. , 1999, 3597, 398.		0
194	Photodynamic therapy and immune response in tumor-bearing mice. , 1999, , .		2
195	<title>Time-gated and lifetime imaging techniques for the detection of skin tumors</title>. , 1999, , .		1
196	Photophysical Studies of A2-E, Putative Precursor of Lipofuscin, in Human Retinal Pigment Epithelial Cells. Photochemistry and Photobiology, 1999, 70, 172.	2.5	4
197	Antitumor efficacy of the combination of photodynamic therapy and chemotherapy in murine tumors. Cancer Letters, 1998, 125, 39-44.	7.2	79
198	Real-time method for fitting time-resolved reflectance and transmittance measurements with a Monte Carlo model. Applied Optics, 1998, 37, 2774.	2.1	59

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199	Imaging with diffusing light: an experimental study of the effect of background optical properties. Applied Optics, 1998, 37, 3564.	2.1	29
200	<title>Dual-wavelength multichannel system for time-resolved oximetry</title>. , 1998, 3566, 97.		1
201	<title>In-vivo absorption and scattering spectra of human tissues by time-resolved reflectance</title>. , 1998, , .		2
202	Photodynamic therapy with photoactivated aluminum disulfonated phthalocyanine and cellular immune response. , 1998, , .		2
203	<title>Effects of the background optical properties on time-resolved transmittance imaging</title>. , 1998, 3194, 191.		0
204	Multispectral and lifetime imaging for the detection of skin tumors. , 1998, , .		1
205	Nanosecond time-resolved emission spectroscopy from silicon implanted and annealed SiO ₂ layers. Applied Physics Letters, 1997, 70, 348-350.	3.3	46
206	<title>Real-time system for fluorescence lifetime imaging</title>. , 1997, , .		3
207	<title>Measurements of the edge spread function on a realistic tissue phantom</title>. , 1997, , .		0
208	<title>Discrimination between scattering and absorption inhomogeneities using time-resolved transmittance imaging</title>. , 1997, , .		0
209	<title>Tumor detection in HpD-sensitized mice with fluorescence lifetime imaging</title>. , 1997, , .		0
210	A solid tissue phantom for photon migration studies. Physics in Medicine and Biology, 1997, 42, 1971-1979.	3.0	249
211	Fluorescence Lifetime Imaging of Experimental Tumors in Hematoporphyrin Derivative- ϵ -Sensitized Mice. Photochemistry and Photobiology, 1997, 66, 229-236.	2.5	84
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