Paul M W French

List of Publications by Year
in descending order

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223 papers	5,119 citations	101543 36 h-index	110387 64 g-index
226 all docs	226 docs citations	226 times ranked	5071 citing authors

#	Article	IF	Citations
1	Time-resolved fluorescence microscopy. Photochemical and Photobiological Sciences, 2005, 4, 13-22.	2.9	497
2	Application of the Stretched Exponential Function to Fluorescence Lifetime Imaging. Biophysical Journal, 2001, 81, 1265-1274.	0.5	262
3	Rapid Global Fitting of Large Fluorescence Lifetime Imaging Microscopy Datasets. PLoS ONE, 2013, 8, e70687.	2.5	185
4	Time-domain fluorescence lifetime imaging applied to biological tissue. Photochemical and Photobiological Sciences, 2004, 3, 795.	2.9	175
5	Stimulated emission depletion microscopy with a supercontinuum source and fluorescence lifetime imaging. Optics Letters, 2008, 33, 113.	3.3	173
6	Fluorescence lifetime imaging of unstained tissues: early results in human breast cancer. Journal of Pathology, 2003, 199, 309-317.	4.5	145
7	Fluorescence Lifetime Imaging Provides Enhanced Contrast when Imaging the Phase-Sensitive Dye di-4-ANEPPDHQ in Model Membranes and Live Cells. Biophysical Journal, 2006, 90, L80-L82.	0.5	141
8	Fluorescence lifetime imaging distinguishes basal cell carcinoma from surrounding uninvolved skin. British Journal of Dermatology, 2008, 159, 152-161.	1.5	138
9	Time-resolved fluorescence anisotropy imaging applied to live cells. Optics Letters, 2004, 29, 584.	3.3	133
10	Quantitative 3D Mapping of Fluidic Temperatures within Microchannel Networks Using Fluorescence Lifetime Imaging. Analytical Chemistry, 2006, 78, 2272-2278.	6.5	117
11	Multiplexed FRET to Image Multiple Signaling Events in Live Cells. Biophysical Journal, 2008, 95, L69-L71.	0.5	100
12	2-D fluorescence lifetime imaging using a time-gated image intensifier. Optics Communications, 1997, 135, 27-31.	2.1	87
13	Adaptive phase compensation for ultracompact laser scanning endomicroscopy. Optics Letters, 2011, 36, 1707.	3.3	85
14	Photorefractive holography for imaging through turbid media using low coherence light. Applied Physics B: Lasers and Optics, 2000, 70, 151-154.	2.2	83
15	Fluorescence Imaging of Two-Photon Linear Dichroism: Cholesterol Depletion Disrupts Molecular Orientation in Cell Membranes. Biophysical Journal, 2005, 88, 609-622.	0.5	77
16	In vivo fluorescence lifetime optical projection tomography. Biomedical Optics Express, 2011, 2, 1340.	2.9	77
17	Screening for protein-protein interactions using FÃ¶rster resonance energy transfer (FRET) and fluorescence lifetime imaging microscopy (FLIM). Scientific Reports, 2016, 6, 28186.	3.3	75
18	FLIM FRET Technology for Drug Discovery: Automated Multiwellâ€Plate Highâ€Content Analysis, Multiplexed Readouts and Application in Situ. ChemPhysChem, 2011, 12, 609-626.	2.1	68

#	Article	IF	Citations
19	Excitation-resolved hyperspectral fluorescence lifetime imaging using a UV-extended supercontinuum source. Optics Letters, 2007, 32, 3408.	3.3	67
20	Fluorescence lifetime optical projection tomography. Journal of Biophotonics, 2008, 1, 390-394.	2.3	62
21	easySTORM: a robust, lowerâ€cost approach to localisation and TIRF microscopy. Journal of Biophotonics, 2016, 9, 948-957.	2.3	59
22	UbasM: An effective balanced optical clearing method for intact biomedical imaging. Scientific Reports, 2017, 7, 12218.	3.3	56
23	Optical sectioning microscopes with no moving parts using a micro-stripe array light emitting diode. Optics Express, 2007, 15, 11196.	3.4	54
24	Fluorescence lifetime spectroscopy of tissue autofluorescence in normal and diseased colon measured ex vivo using a fiber-optic probe. Biomedical Optics Express, 2014, 5, 515.	2.9	54
25	Time-resolved fluorescence imaging of solvent interactions in microfluidic devices. Optics Express, 2005, 13, 6275.	3.4	53
26	Rapid hyperspectral fluorescence lifetime imaging. Microscopy Research and Technique, 2007, 70, 481-484.	2.2	53
27	High speed unsupervised fluorescence lifetime imaging confocal multiwell plate reader for high content analysis. Journal of Biophotonics, 2008, 1, 514-521.	2.3	53
28	Homo-FRET Based Biosensors and Their Application to Multiplexed Imaging of Signalling Events in Live Cells. International Journal of Molecular Sciences, 2015, 16, 14695-14716.	4.1	51
29	In vivo fluorescence lifetime tomography of a FRET probe expressed in mouse. Biomedical Optics Express, 2011, 2, 1907.	2.9	47
30	Holographic optical coherence imaging of rat osteogenic sarcoma tumor spheroids. Applied Optics, 2004, 43, 4862.	2.1	45
31	Accelerated Optical Projection Tomography Applied to In Vivo Imaging of Zebrafish. PLoS ONE, 2015, 10, e0136213.	2.5	45
32	Depth-resolved holography through turbid media using photorefraction. IEEE Journal of Selected Topics in Quantum Electronics, 1996, 2, 965-975.	2.9	41
33	Experimental and theoretical studies of complex pulse evolutions in a passively mode-locked ring dye laser. IEEE Journal of Quantum Electronics, 1988, 24, 1884-1892.	1.9	39
34	All-solid-state femtosecond sources in the near infrared. Optics Communications, 1997, 136, 235-238.	2.1	39
35	A fluorescence lifetime imaging scanning confocal endomicroscope. Journal of Biophotonics, 2010, 3, 103-107.	2.3	39
36	All-solid-state diode-pumped modelocked Cr:LiSAF laser. Electronics Letters, 1993, 29, 1262.	1.0	37

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37	Heterogeneity in tumor chromatin-doxorubicin binding revealed by in vivo fluorescence lifetime imaging confocal endomicroscopy. Nature Communications, 2018, 9, 2662.	12.8	37
38	All-solid-state femtosecond diode-pumped Cr:LiSAF laser. Electronics Letters, 1994, 30, 223-224.	1.0	37
39	Detection of cartilage matrix degradation by autofluorescence lifetime. Matrix Biology, 2013, 32, 32-38.	3.6	36
40	A Comparison of Different Corneal Iontophoresis Protocols for Promoting Transepithelial Riboflavin Penetration. , 2015, 56, 7908.		36
41	Transepithelial Riboflavin Absorption in an Ex Vivo Rabbit Corneal Model. , 2015, 56, 5006.		36
42	A compact, multidimensional spectrofluorometer exploiting supercontinuum generation. Journal of Biophotonics, 2008, 1, 494-505.	2.3	33
43	Application of ultrafast gold luminescence to measuring the instrument response function for multispectral multiphoton fluorescence lifetime imaging. Optics Express, 2011, 19, 13848.	3.4	32
44	The Influence of Peptide Context on Signaling and Trafficking of Glucagon-like Peptide-1 Receptor Biased Agonists. ACS Pharmacology and Translational Science, 2020, 3, 345-360.	4.9	32
45	Characterisation of a cw titanium-doped sapphire laser mode-locked with a linear external cavity. Optics Communications, 1991, 83, 185-194.	2.1	31
46	High resolution depth resolved imaging through scattering media using time resolved holography. Optics Communications, 1996, 122, 111-116.	2.1	29
47	Automated fluorescence lifetime imaging plate reader and its application to FÃ¶rster resonant energy transfer readout of Gag protein aggregation. Journal of Biophotonics, 2013, 6, 398-408.	2.3	28
48	Visualising apoptosis in live zebrafish using fluorescence lifetime imaging with optical projection tomography to map FRET biosensor activity in space and time. Journal of Biophotonics, 2016, 9, 414-424.	2.3	28
49	Three-dimensional molecular mapping in a microfluidic mixing device using fluorescence lifetime imaging. Optics Letters, 2008, 33, 1887.	3.3	26
50	Incorporation of an experimentally determined MTF for spatial frequency filtering and deconvolution during optical projection tomography reconstruction. Optics Express, 2012, 20, 7323.	3.4	25
51	Simultaneous angular multiplexing optical projection tomography at shifted focal planes. Optics Letters, 2013, 38, 851.	3.3	25
52	Remote focal scanning optical projection tomography with an electrically tunable lens. Biomedical Optics Express, 2014, 5, 3367.	2.9	25
53	Fluorescence-Lifetime Imaging of DNAâ€“Dye Interactions within Continuous-Flow Microfluidic Systems. Angewandte Chemie - International Edition, 2007, 46, 2228-2231.	13.8	24
54	Membrane Environment Exerts an Important Influence on Rac-Mediated Activation of Phospholipase Cî³2. Molecular and Cellular Biology, 2011, 31, 1240-1251.	2.3	24

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55	Fluorescence Lifetime Readouts of Troponin-C-Based Calcium FRET Sensors: A Quantitative Comparison of CFP and mTFP1 as Donor Fluorophores. PLoS ONE, 2012, 7, e49200.	2.5	24
56	DDR1 autophosphorylation is a result of aggregation into dense clusters. Scientific Reports, 2019, 9, 17104.	3.3	23
57	Quantitative in vivo optical tomography of cancer progression & vasculature development in adult zebrafish. Oncotarget, 2016, 7, 43939-43948.	1.8	23
58	All-solid-state diode-pumped Cr:LiSAF femtosecond oscillator and regenerative amplifier. Applied Physics B: Lasers and Optics, 1997, 65, 221-226.	2.2	22
59	All-solid-state compact high repetition rate modelocked Cr4+:YAG laser. Electronics Letters, 1998, 34, 552.	1.0	22
60	A flexible wideâ€field FLIM endoscope utilising blue excitation light for labelâ€free contrast of tissue. Journal of Biophotonics, 2015, 8, 168-178.	2.3	22
61	Biomedical Applications of Fluorescence Lifetime Imaging. Optics and Photonics News, 2002, 13, 26.	0.5	21
62	Improved sectioning in a slit scanning confocal microscope. Optics Letters, 2008, 33, 1813.	3.3	21
63	The passively mode locked and dispersion compensated Rhodamine 110 dye laser. Optics Communications, 1987, 61, 224-228.	2.1	20
64	High background holographic imaging using photorefractive barium titanate. Electronics Letters, 1997, 33, 1732.	1.0	20
65	Diode-pumped spatially dispersed broadband Cr:LiSGAF and Cr:LiSAF c.w. laser sources applied to short-coherence photorefractive holography. Optics Communications, 2000, 181, 361-367.	2.1	20
66	Tunable fibreâ€coupled multiphoton microscopy with a negative curvature fibre. Journal of Biophotonics, 2016, 9, 715-720.	2.3	19
67	easySLMâ€STED: Stimulated emission depletion microscopy with aberration correction, extended field of view and multiple beam scanning. Journal of Biophotonics, 2018, 11, e201800087.	2.3	19
68	Diode-pumped, single-frequency, Cr:LiSAF coupled-cavity microchip laser. Optics Communications, 1995, 113, 458-462.	2.1	18
69	Microstripe-array InGaN light-emitting diodes with individually addressable elements. IEEE Photonics Technology Letters, 2006, 18, 1681-1683.	2.5	18
70	Activity of PLCÎµ contributes to chemotaxis of fibroblasts towards PDGF. Journal of Cell Science, 2012, 125, 5758-5769.	2.0	18
71	Application of time-resolved autofluorescence to label-free in vivo optical mapping of changes in tissue matrix and metabolism associated with myocardial infarction and heart failure. Biomedical Optics Express, 2015, 6, 324.	2.9	18
72	Adaptive Multiphoton Endomicroscope Incorporating a Polarization-Maintaining Multicore Optical Fibre. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 171-178.	2.9	18

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73	Smad4 controls signaling robustness and morphogenesis by differentially contributing to the Nodal and BMP pathways. Nature Communications, 2021, 12, 6374.	12.8	18
74	Tunable group velocity dispersion interferometer for intracavity and extracavity applications. Optics Communications, 1986, 57, 263-268.	2.1	17
75	Mode locking of a continuous wave neodymium doped fibre laser with a linear external cavity. Electronics Letters, 1990, 26, 1238.	1.0	17
76	Fluorescence lifetime imaging using a diode-pumped all-solid-state laser system. Electronics Letters, 1999, 35, 256.	1.0	17
77	Diode-pumped all-solid-state ultrafast Cr:LiSGAF laser oscillatorâ€“amplifier system applied to laser ablation. Optics Communications, 2000, 175, 389-396.	2.1	17
78	High frame-rate, 3-D photorefractive holography through turbid media with arbitrary sources, and photorefractive structured illumination. IEEE Journal of Selected Topics in Quantum Electronics, 2001, 7, 878-886.	2.9	17
79	The passive modelocking of the continuous wave Rhodamine B dye laser. Optics Communications, 1986, 58, 53-55.	2.1	16
80	Accelerating single molecule localization microscopy through parallel processing on a highâ€performance computing cluster. Journal of Microscopy, 2019, 273, 148-160.	1.8	16
81	High-speed depth-sectioned wide-field imaging using low-coherence photorefractive holographic microscopy. Optics Communications, 2003, 219, 87-99.	2.1	15
82	Differential modes of DNA binding by mismatch uracil DNA glycosylase from Escherichia coli: implications for abasic lesion processing and enzyme communication in the base excision repair pathway. Nucleic Acids Research, 2011, 39, 2593-2603.	14.5	15
83	Characterization of NAD(P)H and FAD autofluorescence signatures in a Langendorff isolated-perfused rat heart model. Biomedical Optics Express, 2018, 9, 4961.	2.9	15
84	Passive modelocking of a cw dye laser in the yellow spectral region. Optics Communications, 1986, 56, 430-432.	2.1	14
85	Real-time 3-D holographic imaging using photorefractive media including multiple-quantum-well devices. IEEE Journal of Selected Topics in Quantum Electronics, 1998, 4, 360-369.	2.9	14
86	Passively mode locked c.w. dye lasers operating from 490 nm to 800 nm. Revue De Physique AppliquÃ©e, 1987, 22, 1651-1655.	0.4	14
87	All-solid-state Kerr lens mode-locked Cr4+:forsterite laser. Electronics Letters, 1996, 32, 737.	1.0	13
88	Correction Approach for Delta Function Convolution Model Fitting of Fluorescence Decay Data in the Case of a Monoexponential Reference Fluorophore. Journal of Fluorescence, 2015, 25, 1169-1182.	2.5	13
89	Convolutional neural networks for reconstruction of undersampled optical projection tomography data applied to in vivo imaging of zebrafish. Journal of Biophotonics, 2019, 12, e201900128.	2.3	13
90	Characterization of NADH fluorescence properties under one-photon excitation with respect to temperature, pH, and binding to lactate dehydrogenase. OSA Continuum, 2021, 4, 1610.	1.8	13

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91	Epigenetic changes induced by in utero dietary challenge result in phenotypic variability in successive generations of mice. Nature Communications, 2022, 13, 2464.	12.8	13
92	Analysis of periodic pulse evolutions in a passively mode-locked ring dye laser. IEEE Journal of Quantum Electronics, 1989, 25, 2469-2475.	1.9	12
93	Experimental study of a self-starting Kerr-lens mode-locked titanium-doped sapphire laser. Optics Communications, 1996, 123, 547-552.	2.1	12
94	Analysis of DNA Binding and Nucleotide Flipping Kinetics Using Two-Color Two-Photon Fluorescence Lifetime Imaging Microscopy. Analytical Chemistry, 2014, 86, 10732-10740.	6.5	12
95	Mapping Molecular Function to Biological Nanostructure: Combining Structured Illumination Microscopy with Fluorescence Lifetime Imaging (SIM + FLIM). Photonics, 2017, 4, 40.	2.0	12
96	Polarization-independent all-optical switching. IEEE Photonics Technology Letters, 1992, 4, 260-263.	2.5	11
97	A numerical model of Kerr-lens mode-locking. Optics Communications, 1997, 142, 315-321.	2.1	11
98	Imaging of Metabolic Status in 3D Cultures with an Improved AMPK FRET Biosensor for FLIM. Sensors, 2016, 16, 1312.	3.8	11
99	In vivo multiphoton microscopy using a handheld scanner with lateral and axial motion compensation. Journal of Biophotonics, 2018, 11, e201700131.	2.3	11
100	Autofluorescence Lifetime Reports Cartilage Damage in Osteoarthritis. Scientific Reports, 2020, 10, 2154.	3.3	11
101	Multi-siting and mode locking in a Yb3+:CS-FAP laser. Optics Communications, 1997, 141, 162-166.	2.1	10
102	Theoretical modeling of gain-guiding effects in experimental all-solid-state KLM lasers. IEEE Journal of Selected Topics in Quantum Electronics, 1998, 4, 185-192.	2.9	10
103	Fibre-coupled multiphoton microscope with adaptive motion compensation. Biomedical Optics Express, 2015, 6, 1876.	2.9	10
104	Automated multiwell fluorescence lifetime imaging for FÃ¶rster resonance energy transfer assays and high content analysis. Analytical Methods, 2015, 7, 4071-4089.	2.7	10
105	Cell type-specific deletion in mice reveals roles for PAS kinase in insulin and glucagon production. Diabetologia, 2016, 59, 1938-1947.	6.3	10
106	Robust deep learning optical autofocus system applied to automated multiwell plate single molecule localization microscopy. Journal of Microscopy, 2022, 288, 130-141.	1.8	10
107	An investigation into femtosecond pulse formation in a continuously-pumped passively-mode-locked CPM ring dye laser. IEEE Journal of Quantum Electronics, 1990, 26, 1434-1439.	1.9	9
108	New optimization criteria for slit-apertured and gain-apertured KLM all-solid-state lasers. Optics Communications, 2000, 183, 249-264.	2.1	9

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109	Open Source High Content Analysis Utilizing Automated Fluorescence Lifetime Imaging Microscopy. Journal of Visualized Experiments, 2017, , .	0.3	9
110	In vivo label-free mapping of the effect of a photosystem II inhibiting herbicide in plants using chlorophyll fluorescence lifetime. Plant Methods, 2017, 13, 48.	4.3	9
111	Self-starting femtosecond Ti:sapphire laser with intracavity multiquantum well absorber. Electronics Letters, 1993, 29, 894-896.	1.0	9
112	Sub-100 fs Kerr lens modelocked Cr4+:YAG laser. Electronics Letters, 1994, 30, 709-710.	1.0	8
113	Whole-field fluorescence lifetime imaging with picosecond resolution using ultrafast 10-kHz solid-state amplifier technology. IEEE Journal of Selected Topics in Quantum Electronics, 1998, 4, 370-375.	2.9	8
114	Two-Photon Fluorescence Microscopy of Corneal Riboflavin Absorption Through an Intact Epithelium. Investigative Ophthalmology and Visual Science, 2015, 56, 1191-1192.	3.3	8
115	In vivo label-free optical monitoring of structural and metabolic remodeling of myocardium following infarction. Biomedical Optics Express, 2019, 10, 3506.	2.9	8
116	A femtosecond hybrid mode locked Rhodamine B dye laser. Optics Communications, 1986, 59, 366-368.	2.1	7
117	Biomedical optics. Physics World, 1999, 12, 41-46.	0.0	7
118	Fluorescence lifetime imaging using light emitting diodes. Journal Physics D: Applied Physics, 2008, 41, 094012.	2.8	7
119	Singleâ€shot phase contrast microscopy using polarisationâ€resolved differential phase contrast. Journal of Biophotonics, 2021, 14, e202100144.	2.3	7
120	Spectral optimisation of a synchronously mode locked femtosecond dye laser. Optics Communications, 1986, 60, 389-392.	2.1	6
121	Temporal and spectral behaviour of passively mode locked dye lasers. Optics Communications, 1990, 76, 229-234.	2.1	6
122	A cw rhodamine 800 dye laser passively mode-locked with neocyanine. Optics Communications, 1990, 80, 57-59.	2.1	6
123	Kerr lens modelocked solid state laser in the red (639 nm). Electronics Letters, 1994, 30, 1601-1602.	1.0	6
124	Fluorescence lifetime imaging of skin cancer. , 2011, , .		6
125	Mesoscopic in vivo 3-D tracking of sparse cell populations using angular multiplexed optical projection tomography. Biomedical Optics Express, 2015, 6, 1253.	2.9	6
126	Conformational transition of FGFR kinase activation revealed by site-specific unnatural amino acid reporter and single molecule FRET. Scientific Reports, 2017, 7, 39841.	3.3	6

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127	Development of Low-Cost Instrumentation for Single Point Autofluorescence Lifetime Measurements. Journal of Fluorescence, 2017, 27, 1643-1654.	2.5	6
128	Semi-random multicore fibre design for adaptive multiphoton endoscopy. Optics Express, 2018, 26, 3661.	3.4	6
129	All-solid-state femtosecond diode-pumped Cr:LiSAF regenerative amplifier. Electronics Letters, 1994, 30, 1761-1762.	1.0	6
130	The passively mode locked coumarin 6H ring dye laser. Optics Communications, 1988, 67, 51-52.	2.1	5
131	Optical coherence imaging of rat tumor spheroids. , 2002, 4619, 210.		5
132	Multidimensional luminescence microscope for imaging defect colour centres in diamond. Methods and Applications in Fluorescence, 2020, 8, 014004.	2.3	5
133	Pulse evolution in cw femtosecond Cr3+ :LiSrAlF6 lasers mode-locked with MQW saturable absorbers. Optics Communications, 1994, 110, 340-344.	2.1	4
134	Development of a hyperspectral fluorescence lifetime imaging microscope and its application to tissue imaging. , 2007, 6441, 403.		4
135	Chapter 4 Multidimensional fluorescence imaging. Laboratory Techniques in Biochemistry and Molecular Biology / Edited By T S Work [and] E Work, 2009, 33, 133-169.	0.2	4
136	Fluorescence lifetime imaging endoscopy. , 2011, , .		4
137	Automated Fluorescence Lifetime Imaging High-Content Analysis of FÃ¶rster Resonance Energy Transfer between Endogenously Labeled Kinetochore Proteins in Live Budding Yeast Cells. SLAS Technology, 2019, 24, 308-320.	1.9	4
138	Femtosecond Pulse Generation from a Synchronously Pumped, Self-mode-locked Cr 4+ : YAG Laser. Journal of Modern Optics, 1995, 42, 723-726.	1.3	3
139	Spatially resolved electric fields in polymer light-emitting diodes using fluorescence lifetime imaging. Synthetic Metals, 2003, 139, 925-928.	3.9	3
140	An automated multiwell plate reading flim microscope for live cell autofluorescence lifetime assays. Journal of Innovative Optical Health Sciences, 2014, 07, 1450025.	1.0	3
141	Application of direct stochastic optical reconstruction microscopy (dSTORM) to the histological analysis of human glomerular disease. Journal of Pathology: Clinical Research, 2021, 7, 438-445.	3.0	3
142	Synchronous mode-locking of a dye laser using an optical bias technique. Optics Communications, 1985, 56, 272-274.	2.1	2
143	High power Cr4+:YAG laser pumped Er3+ fibre laser and amplifier. Electronics Letters, 1995, 31, 1741-1743.	1.0	2
144	Whole-field fluorescence lifetime imaging with picosecond resolution for biomedicine. , 1998, , .		2

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145	<title>Application of the stretched exponential function to fluorescence lifetime imaging of biological tissue</title>. , 2001, , .		2
146	An electronically tunable ultrafast laser source applied to fluorescence imaging and fluorescence lifetime imaging microscopy. , 2005, , .		2
147	Fluorescenceâ€Lifetime Imaging of DNAâ€“Dye Interactions within Continuousâ€Flow Microfluidic Systems. Angewandte Chemie - International Edition, 2007, 46, 8536-8536.	13.8	2
148	Investigating fast enzyme-DNA kinetics using multidimensional fluorescence imaging and microfluidics. Proceedings of SPIE, 2010, , .	0.8	2
149	Non-invasive imaging of skin cancer with fluorescence lifetime imaging using two photon tomography. , 2011, , .		2
150	Multidimensional spectroscopy and imaging of defects in synthetic diamond: excitation-emission-lifetime luminescence measurements with multiexponential fitting and phasor analysis. Journal Physics D: Applied Physics, 2021, 54, 045303.	2.8	2
151	Application of Optically Compressed Nd: YAG Laser Pulses in Synchronously Pumped High-power Dye Lasers and the Optically Biased Dye Laser. Optica Acta, 1986, 33, 437-444.	0.7	1
152	<title>Time-gated holographic imaging using photorefractive multiple quantum well devices</title>. , 1997, 2981, 192.		1
153	<title>Fluorescence lifetime imaging for biomedicine using all-solid state ultrafast laser technology</title>. , 1999, , .		1
154	Fluorescence lifetime imaging for biomedicine and spectroscopy. , 0, , .		1
155	Introduction. Optics Express, 2000, 7, 39.	3.4	1
156	<title>High-speed 3D imaging using photorefractive holography</title>. , 2001, , .		1
157	Low-coherence photorefractive holography for high-speed 3D imaging including through scattering media. , 2002, 4619, 98.		1
158	Imaging of tumor necroses using full-frame optical coherence imaging. , 2003, , .		1
159	Wide-field coherence gated imaging: photorefractive holography and wide-field coherent heterodyne imaging. , 2003, , .		1
160	Application of multi-dimensional fluorescence imaging to microfluidic devices. , 0, , .		1
161	Fluorescence lifetime imaging using light-emitting diodes. , 2007, , .		1
162	Fluorescence lifetime imaging of articular cartilage. International Journal of Experimental Pathology, 2004, 85, A31.	1.3	1

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163	Tomographic imaging of flourescence resonance energy transfer in highly light scattering media. Proceedings of SPIE, 2010, , .	0.8	1
164	A multispectral FLIM tomograph for in-vivo imaging of skin cancer. Proceedings of SPIE, 2011, , .	0.8	1
165	Quantitative time domain analysis of lifetimeâ€based FÃ¶rster resonant energy transfer measurements with fluorescent proteins: Static random isotropic fluorophore orientation distributions. Journal of Biophotonics, 2018, 11, e201700366.	2.3	1
166	Automated multiwell plate STORM: towards open source super-resolved high content analysis. , 2019, , .		1
167	Fluorescence Lifetime Imaging with a Blue Picosecond Diode Laser. , 2002, , .		1
168	Complete Switching in a Three-Terminal Sagnac Switch. , 0, , .		0
169	<title>Time-gated holographic imaging using photorefractive materials</title>. , 1995, , .		0
170	<title>All solid state femtosecond laser oscillators and amplifiers</title>. , 1995, , .		0
171	<title>Depth-resolved holography using photorefractive media</title>. , 1996, , .		0
172	Time-gated holographic imaging using photorefractive media. , 1996, , .		0
173	<title>Two-dimensional fluorescence-lifetime imaging using a 5-kHz/110-ps gated image intensifier</title>. Proceedings of SPIE, 1997, 2980, 20.	0.8	0
174	High Resolution Real-Time 3-D Imaging Through Scattering Media Using Photorefractive Holography with Multiple Quantum Well Devices. , 0, , .		0
175	High-resolution real-time three-dimensional imaging through turbid media using photorefractive holography. , 1998, , .		0
176	New optimization criterion for experimental three- and four-mirror all-solid-state KLM lasers. , 1998, , .		0
177	<title>Time-gated holographic imaging using photorefractive media</title>. , 1998, , .		0
178	<title>Two-dimensional fluorescence lifetime imaging for in-vitro and in-vivo application</title>. , 1998, 3250, 150.		0
179	<title>High-resolution real-time 3D imaging using time-gated photorefractive holography</title>. , 1998, , .		0
180	<title>High-resolution whole field fluorescence lifetime imaging of fluorophore distribution and environment</title>. , 1998, 3196, 111.		0

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181	All-solid-state diode-pumped Cr:LiSGAF laser amplifier system applied to laser ablation. , 0, , .		0
182	<title>Time-gated holographic imaging using photorefractive media</title>. , 2000, , .		0
183	<title>Whole-field coherent imaging through turbid media using photorefractive holography</title>. , 2000, , .		0
184	Novel treatment of transverse gain saturation for CW and KLM end-pumped lasers. , 2001, , .		0
185	<title>Five-dimensional fluorescence microscopy</title>. , 2001, , .		0
186	<title>High-speed 3D imaging using photorefractive holography with novel low-coherence interferometers</title>. , 2001, , .		0
187	Optical coherence imaging of tumor spheroids. , 2001, , .		0
188	Real-time 3-D imaging using structured illumination and photorefractive holography, including with fluorescence. , 2001, , .		0
189	High speed 3-D imaging using photorefractive holography with novel low coherence interferometers. , 2001, , .		0
190	5-D fluorescence imaging using an all-solid-state diode-pumped laser system. , 2001, , .		0
191	Autocorrelation imaging of 3D structures using a femtosecond laser: application to imaging of sandstone. , 2002, 4643, 207.		0
192	<title>High-speed 3D imaging using photorefractive holography with novel low-coherence interferometers</title>. , 2002, 4705, 242.		0
193	Mapping the rotational diffusion of fluorophores in cells with time-resolved wide-field fluorescence anisotropy imaging. , 0, , .		0
194	Fluorescence lifetime imaging of polymer LEDs. , 0, , .		0
195	Low Coherence Holography. , 2004, , 199-234.		0
196	An electronically tunable ultrafast laser source applied to fluorescence imaging and microscopy including fluorescence lifetime imaging. , 0, , .		0
197	Fluorescence lifetime imaging through turbid media reconstructed in the Fourier domain using time-gated imaging data. , 2007, , .		0
198	Optical detection in microfluidics: From the small to the large. , 2009, , .		0

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