Paul M W French

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2623608/publications.pdf

Version: 2024-02-01

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	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
2	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
3	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
4	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
5	Singleâ€shot phase contrast microscopy using polarisationâ€resolved differential phase contrast. Journal of Biophotonics, 2021, 14, e202100144.	2.3	7
6	Smad4 controls signaling robustness and morphogenesis by differentially contributing to the Nodal and BMP pathways. Nature Communications, 2021, 12, 6374.	12.8	18
7	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
8	Image analysis of tissue macrophages to confirm differential phagocytosis between groups by microscopy and automated bacterial quantification. , 2021, , .		0
9	Single-shot volumetric imaging using optical projection tomography. , 2021, , .		0
10	Multidimensional luminescence microscope for imaging defect colour centres in diamond. Methods and Applications in Fluorescence, 2020, 8, 014004.	2.3	5
11	Autofluorescence Lifetime Reports Cartilage Damage in Osteoarthritis. Scientific Reports, 2020, 10, 2154.	3.3	11
12	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
13	Towards easier, faster, super-resolved microscopy. , 2020, , .		0
14	FLIM, FRET and high content analysis. , 2020, , .		0
15	Analysis of defective phagocytosis in COPD using super-resolution microscopy and automated bacterial quantification. , 2020, , .		0
16	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
17	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
18	DDR1 autophosphorylation is a result of aggregation into dense clusters. Scientific Reports, 2019, 9, 17104.	3.3	23

#	Article	IF	Citations
19	Accelerating single molecule localization microscopy through parallel processing on a highâ€performance computing cluster. Journal of Microscopy, 2019, 273, 148-160.	1.8	16
20	Automated multiwell plate STORM: towards open source super-resolved high content analysis. , 2019, , .		1
21	In vivo label-free optical monitoring of structural and metabolic remodeling of myocardium following infarction. Biomedical Optics Express, 2019, 10, 3506.	2.9	8
22	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
23	In vivo multiphoton microscopy using a handheld scanner with lateral and axial motion compensation. Journal of Biophotonics, 2018, 11, e201700131.	2.3	11
24	P352A role for p130Cas in venous sprouting and lymphangiogenesis in the zebrafish. Cardiovascular Research, 2018, 114, S90-S90.	3.8	0
25	Semi-random multicore fibre design for adaptive multiphoton endoscopy. Optics Express, 2018, 26, 3661.	3.4	6
26	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
27	Heterogeneity in tumor chromatin-doxorubicin binding revealed by in vivo fluorescence lifetime imaging confocal endomicroscopy. Nature Communications, 2018, 9, 2662.	12.8	37
28	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
29	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
30	UbasM: An effective balanced optical clearing method for intact biomedical imaging. Scientific Reports, 2017, 7, 12218.	3.3	56
31	Open Source High Content Analysis Utilizing Automated Fluorescence Lifetime Imaging Microscopy. Journal of Visualized Experiments, 2017, , .	0.3	9
32	Functional imaging of live Zebrafish using fluorescence lifetime optical projection tomography (Conference Presentation). , 2017, , .		0
33	Development of Low-Cost Instrumentation for Single Point Autofluorescence Lifetime Measurements. Journal of Fluorescence, 2017, 27, 1643-1654.	2.5	6
34	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
35	Mapping Molecular Function to Biological Nanostructure: Combining Structured Illumination Microscopy with Fluorescence Lifetime Imaging (SIM + FLIM). Photonics, 2017, 4, 40.	2.0	12
36	Imaging of Metabolic Status in 3D Cultures with an Improved AMPK FRET Biosensor for FLIM. Sensors, 2016, 16, 1312.	3.8	11

#	Article	IF	Citations
37	Tunable fibreâ€coupled multiphoton microscopy with a negative curvature fibre. Journal of Biophotonics, 2016, 9, 715-720.	2.3	19
38	easySTORM: a robust, lowerâ€cost approach to localisation and TIRF microscopy. Journal of Biophotonics, 2016, 9, 948-957.	2.3	59
39	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
40	Three-dimensional fluorescence imaging by stage-scanning oblique plane microscopy (Conference) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		0
41	Cell type-specific deletion in mice reveals roles for PAS kinase in insulin and glucagon production. Diabetologia, 2016, 59, 1938-1947.	6.3	10
42	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
43	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
44	Quantitative in vivo optical tomography of cancer progression & vasculature development in adult zebrafish. Oncotarget, 2016, 7, 43939-43948.	1.8	23
45	Fluorescence lifetime optical projection tomography and FRET applied to visualizing apoptosis in live zebrafish larvae. , 2016, , .		0
46	Remote focal scanning and sub-volume optical projection tomography. , 2016, , .		0
47	Novel 3D imaging platform tracks cancer progression in vivo. Biochemist, 2016, 38, 12-15.	0.5	0
48	165â€…Label-free autofluorescence lifetime to assess changes in myocardial fibrosis and metabolismin vivoin a doxorubicin cardiomyopathy heart failure model. Heart, 2015, 101, A94.1-A94.	2.9	0
49	Two-Photon Fluorescence Microscopy of Corneal Riboflavin Absorption Through an Intact Epithelium. Investigative Ophthalmology and Visual Science, 2015, 56, 1191-1192.	3.3	8
50	A Comparison of Different Corneal Iontophoresis Protocols for Promoting Transepithelial Riboflavin Penetration. , 2015, 56, 7908.		36
51	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
52	Transepithelial Riboflavin Absorption in an Ex Vivo Rabbit Corneal Model. , 2015, 56, 5006.		36
53	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
54	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

#	Article	IF	Citations
55	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
56	Fibre-coupled multiphoton microscope with adaptive motion compensation. Biomedical Optics Express, 2015, 6, 1876.	2.9	10
57	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
58	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
59	Accelerated Optical Projection Tomography Applied to In Vivo Imaging of Zebrafish. PLoS ONE, 2015, 10, e0136213.	2.5	45
60	Holographic Optical Coherence Imaging. , 2015, , 941-964.		0
61	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
62	Remote focal scanning optical projection tomography with an electrically tunable lens. Biomedical Optics Express, 2014, 5, 3367.	2.9	25
63	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
64	186â€...The Application of Autofluorescence Lifetime Metrology as a Novel Label-free Technique for the Assessment of Cardiac Disease. Heart, 2014, 100, A104.1-A104.	2.9	0
65	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
66	Autofluorescence lifetime metrology for label-free detection of cartilage matrix degradation. , 2014, , .		0
67	Detection of cartilage matrix degradation by autofluorescence lifetime. Matrix Biology, 2013, 32, 32-38.	3.6	36
68	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
69	Simultaneous angular multiplexing optical projection tomography at shifted focal planes. Optics Letters, 2013, 38, 851.	3.3	25
70	Rapid Global Fitting of Large Fluorescence Lifetime Imaging Microscopy Datasets. PLoS ONE, 2013, 8, e70687.	2.5	185
71	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
72	Activity of PLCÎµ contributes to chemotaxis of fibroblasts towards PDGF. Journal of Cell Science, 2012, 125, 5758-5769.	2.0	18

#	Article	IF	Citations
73	In Vivo Investigation of Calpain Activity by Lifetime Imaging of Genetically Encoded FRET Sensors. Biophysical Journal, 2012, 102, 159a.	0.5	0
74	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
75	Improved OPT reconstructions based on the MTF and extension to FLIM-OPT. , 2012, , .		0
76	Multiplexed Time Lapse Fluorescence Lifetime Readouts in an Optically Sectioning Time-Gated Imaging Microscope. Biophysical Journal, 2011, 100, 183a.	0.5	0
77	Fluorescence lifetime imaging of skin cancer. , 2011, , .		6
78	In vivo fluorescence lifetime optical projection tomography. Biomedical Optics Express, 2011, 2, 1340.	2.9	77
79	In vivo fluorescence lifetime tomography of a FRET probe expressed in mouse. Biomedical Optics Express, 2011, 2, 1907.	2.9	47
80	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
81	Adaptive phase compensation for ultracompact laser scanning endomicroscopy. Optics Letters, 2011, 36, 1707.	3.3	85
82	Non-invasive imaging of skin cancer with fluorescence lifetime imaging using two photon tomography. , 2011, , .		2
83	Fluorescence lifetime imaging endoscopy. , 2011, , .		4
84	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
85	An automated wide-field time-gated optically sectioning fluorescence lifetime imaging multiwell plate reader for high-content analysis of protein-protein interactions. Proceedings of SPIE, 2011, , .	0.8	0
86	Membrane Environment Exerts an Important Influence on Rac-Mediated Activation of Phospholipase Cî³2. Molecular and Cellular Biology, 2011, 31, 1240-1251.	2.3	24
87	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
88	A multispectral FLIM tomograph for in-vivo imaging of skin cancer. Proceedings of SPIE, 2011, , .	0.8	1
89	A fluorescence lifetime imaging scanning confocal endomicroscope. Journal of Biophotonics, 2010, 3, 103-107.	2.3	39
90	tomoFLIM - fluorescence lifetime projection tomography. , 2010, , .		0

#	Article	IF	Citations
91	Tomographic imaging of flourescence resonance energy transfer in highly light scattering media. Proceedings of SPIE, 2010, , .	0.8	1
92	Investigating fast enzyme-DNA kinetics using multidimensional fluorescence imaging and microfluidics. Proceedings of SPIE, 2010, , .	0.8	2
93	Time-Domain Fluorescence Lifetime Optical Projection Tomography. , 2010, , .		0
94	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
95	Optical detection in microfluidics: From the small to the large. , 2009, , .		0
96	Fluorescence lifetime optical projection tomography. Journal of Biophotonics, 2008, 1, 390-394.	2.3	62
97	A compact, multidimensional spectrofluorometer exploiting supercontinuum generation. Journal of Biophotonics, 2008, 1, 494-505.	2.3	33
98	High speed unsupervised fluorescence lifetime imaging confocal multiwell plate reader for high content analysis. Journal of Biophotonics, 2008, 1, 514-521.	2.3	53
99	Fluorescence lifetime imaging distinguishes basal cell carcinoma from surrounding uninvolved skin. British Journal of Dermatology, 2008, 159, 152-161.	1.5	138
100	Multiplexed FRET to Image Multiple Signaling Events in Live Cells. Biophysical Journal, 2008, 95, L69-L71.	0.5	100
101	Stimulated emission depletion microscopy with a supercontinuum source and fluorescence lifetime imaging. Optics Letters, 2008, 33, 113.	3.3	173
102	Improved sectioning in a slit scanning confocal microscope. Optics Letters, 2008, 33, 1813.	3.3	21
103	Three-dimensional molecular mapping in a microfluidic mixing device using fluorescence lifetime imaging. Optics Letters, 2008, 33, 1887.	3.3	26
104	Fluorescence lifetime imaging using light emitting diodes. Journal Physics D: Applied Physics, 2008, 41, 094012.	2.8	7
105	Development of a hyperspectral fluorescence lifetime imaging microscope and its application to tissue imaging. , 2007, 6441, 403.		4
106	Fluorescence lifetime imaging using light-emitting diodes. , 2007, , .		1
107	Fluorescence lifetime imaging through turbid media reconstructed in the Fourier domain using time-gated imaging data. , 2007, , .		0
108	Excitation-resolved hyperspectral fluorescence lifetime imaging using a UV-extended supercontinuum source. Optics Letters, 2007, 32, 3408.	3.3	67

#	Article	IF	Citations
109	Optical sectioning microscopes with no moving parts using a micro-stripe array light emitting diode. Optics Express, 2007, 15, 11196.	3.4	54
110	Fluorescence-Lifetime Imaging of DNAâ€“Dye Interactions within Continuous-Flow Microfluidic Systems. Angewandte Chemie - International Edition, 2007, 46, 2228-2231.	13.8	24
111	Fluorescenceâ€Lifetime Imaging of DNAâ€“Dye Interactions within Continuousâ€Flow Microfluidic Systems. Angewandte Chemie - International Edition, 2007, 46, 8536-8536.	13.8	2
112	Rapid hyperspectral fluorescence lifetime imaging. Microscopy Research and Technique, 2007, 70, 481-484.	2.2	53
113	Microstripe-array InGaN light-emitting diodes with individually addressable elements. IEEE Photonics Technology Letters, 2006, 18, 1681-1683.	2.5	18
114	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
115	Quantitative 3D Mapping of Fluidic Temperatures within Microchannel Networks Using Fluorescence Lifetime Imaging. Analytical Chemistry, 2006, 78, 2272-2278.	6.5	117
116	An electronically tunable ultrafast laser source applied to fluorescence imaging and fluorescence lifetime imaging microscopy. , 2005, , .		2
117	Time-resolved fluorescence imaging of solvent interactions in microfluidic devices. Optics Express, 2005, 13, 6275.	3.4	53
118	Fluorescence Imaging of Two-Photon Linear Dichroism: Cholesterol Depletion Disrupts Molecular Orientation in Cell Membranes. Biophysical Journal, 2005, 88, 609-622.	0.5	77
119	Time-resolved fluorescence microscopy. Photochemical and Photobiological Sciences, 2005, 4, 13-22.	2.9	497
120	Low Coherence Holography. , 2004, , 199-234.		0
121	Time-domain fluorescence lifetime imaging applied to biological tissue. Photochemical and Photobiological Sciences, 2004, 3, 795.	2.9	175
122	Holographic optical coherence imaging of rat osteogenic sarcoma tumor spheroids. Applied Optics, 2004, 43, 4862.	2.1	45
123	Time-resolved fluorescence anisotropy imaging applied to live cells. Optics Letters, 2004, 29, 584.	3.3	133
124	Fluorescence lifetime imaging of articular cartilage. International Journal of Experimental Pathology, 2004, 85, A31.	1.3	1
125	High-speed depth-sectioned wide-field imaging using low-coherence photorefractive holographic microscopy. Optics Communications, 2003, 219, 87-99.	2.1	15
126	Fluorescence lifetime imaging of unstained tissues: early results in human breast cancer. Journal of Pathology, 2003, 199, 309-317.	4.5	145

#	Article	IF	Citations
127	Spatially resolved electric fields in polymer light-emitting diodes using fluorescence lifetime imaging. Synthetic Metals, 2003, 139, 925-928.	3.9	3
128	Imaging of tumor necroses using full-frame optical coherence imaging. , 2003, , .		1
129	Wide-field coherence gated imaging: photorefractive holography and wide-field coherent heterodyne imaging. , 2003, , .		1
130	Autocorrelation imaging of 3D structures using a femtosecond laser: application to imaging of sandstone. , 2002, 4643, 207.		0
131	Optical coherence imaging of rat tumor spheroids. , 2002, 4619, 210.		5
132	Low-coherence photorefractive holography for high-speed 3D imaging including through scattering media. , 2002, 4619, 98.		1
133	<title>High-speed 3D imaging using photorefractive holography with novel low-coherence interferometers</title>. , 2002, 4705, 242.		0
134	Biomedical Applications of Fluorescence Lifetime Imaging. Optics and Photonics News, 2002, 13, 26.	0.5	21
135	Fluorescence Lifetime Imaging with a Blue Picosecond Diode Laser. , 2002, , .		1
136	IMAGING THE FLUORESCENCE LIFETIME OF GREEN FLUORESCENT PROTEIN REPORTS ON THE REFRACTIVE INDEX. , 2002, , .		0
137	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
138	Application of the Stretched Exponential Function to Fluorescence Lifetime Imaging. Biophysical Journal, 2001, 81, 1265-1274.	0.5	262
139	Novel treatment of transverse gain saturation for CW and KLM end-pumped lasers. , 2001, , .		0
140	<title>Application of the stretched exponential function to fluorescence lifetime imaging of biological tissue</title>. , 2001, , .		2
141	<title>Five-dimensional fluorescence microscopy</title>. , 2001, , .		0
142	<title>High-speed 3D imaging using photorefractive holography</title>. , 2001, , .		1
143	<title>High-speed 3D imaging using photorefractive holography with novel low-coherence interferometers</title>. , 2001, , .		0
144	Optical coherence imaging of tumor spheroids. , 2001, , .		0

#	Article	IF	Citations
145	Real-time 3-D imaging using structured illumination and photorefractive holography, including with fluorescence. , 2001, , .		0
146	High speed 3-D imaging using photorefractive holography with novel low coherence interferometers. , 2001, , .		0
147	5-D fluorescence imaging using an all-solid-state diode-pumped laser system. , 2001, , .		0
148	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
149	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
150	New optimization criteria for slit-apertured and gain-apertured KLM all-solid-state lasers. Optics Communications, 2000, 183, 249-264.	2.1	9
151	Photorefractive holography for imaging through turbid media using low coherence light. Applied Physics B: Lasers and Optics, 2000, 70, 151-154.	2.2	83
152	Introduction. Optics Express, 2000, 7, 39.	3.4	1
153	<title>Time-gated holographic imaging using photorefractive media</title>. , 2000, , .		0
154	<title>Whole-field coherent imaging through turbid media using photorefractive holography</title>. , 2000, , .		0
155	Fluorescence lifetime imaging using a diode-pumped all-solid-state laser system. Electronics Letters, 1999, 35, 256.	1.0	17
156	<title>Fluorescence lifetime imaging for biomedicine using all-solid state ultrafast laser technology</title>. , 1999, , .		1
157	Biomedical optics. Physics World, 1999, 12, 41-46.	0.0	7
158	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
159	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
160	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
161	Whole-field fluorescence lifetime imaging with picosecond resolution for biomedicine. , 1998, , .		2
162	High-resolution real-time three-dimensional imaging through turbid media using photorefractive holography. , 1998, , .		0

#	Article	IF	Citations
163	New optimization criterion for experimental three- and four-mirror all-solid-state KLM lasers. , 1998, , .		0
164	All-solid-state compact high repetition rate modelocked Cr4+:YAG laser. Electronics Letters, 1998, 34, 552.	1.0	22
165	<title>Time-gated holographic imaging using photorefractive media</title>. , 1998, , .		0
166	<title>Two-dimensional fluorescence lifetime imaging for in-vitro and in-vivo application</title>. , 1998, 3250, 150.		0
167	<title>High-resolution real-time 3D imaging using time-gated photorefractive holography</title>. , 1998, , .		0
168	<title>High-resolution whole field fluorescence lifetime imaging of fluorophore distribution and environment</title>. , 1998, 3196, 111.		0
169	<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
170	<title>Time-gated holographic imaging using photorefractive multiple quantum well devices</title>. , 1997, 2981, 192.		1
171	High background holographic imaging using photorefractive barium titanate. Electronics Letters, 1997, 33, 1732.	1.0	20
172	Multi-siting and mode locking in a Yb3+:CS-FAP laser. Optics Communications, 1997, 141, 162-166.	2.1	10
173	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
174	2-D fluorescence lifetime imaging using a time-gated image intensifier. Optics Communications, 1997, 135, 27-31.	2.1	87
175	All-solid-state femtosecond sources in the near infrared. Optics Communications, 1997, 136, 235-238.	2.1	39
176	A numerical model of Kerr-lens mode-locking. Optics Communications, 1997, 142, 315-321.	2.1	11
177	Novel ultrafast tunable solid state lasers for real-world applications including medical imaging. , 1997, , .		0
178	Depth-resolved holography through turbid media using photorefraction. IEEE Journal of Selected Topics in Quantum Electronics, 1996, 2, 965-975.	2.9	41
179	<title>Depth-resolved holography using photorefractive media</title>. , 1996, , .		0
180	All-solid-state Kerr lens mode-locked Cr4+:forsterite laser. Electronics Letters, 1996, 32, 737.	1.0	13

#	Article	IF	Citations
181	Time-gated holographic imaging using photorefractive media. , 1996, , .		0
182	High resolution depth resolved imaging through scattering media using time resolved holography. Optics Communications, 1996, 122, 111-116.	2.1	29
183	Experimental study of a self-starting Kerr-lens mode-locked titanium-doped sapphire laser. Optics Communications, 1996, 123, 547-552.	2.1	12
184	<title>Time-gated holographic imaging using photorefractive materials</title>. , 1995, , .		0
185	<title>All solid state femtosecond laser oscillators and amplifiers</title>. , 1995, , .		0
186	Diode-pumped, single-frequency, Cr:LiSAF coupled-cavity microchip laser. Optics Communications, 1995, 113, 458-462.	2.1	18
187	High power Cr4+:YAG laser pumped Er3+ fibre laser and amplifier. Electronics Letters, 1995, 31, 1741-1743.	1.0	2
188	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
189	Kerr lens modelocked solid state laser in the red (639 nm). Electronics Letters, 1994, 30, 1601-1602.	1.0	6
190	Sub-100 fs Kerr lens modelocked Cr4+:YAG laser. Electronics Letters, 1994, 30, 709-710.	1.0	8
191	Pulse evolution in cw femtosecond Cr3+ :LiSrAlF6 lasers mode-locked with MQW saturable absorbers. Optics Communications, 1994, 110, 340-344.	2.1	4
192	All-solid-state femtosecond diode-pumped Cr:LiSAF laser. Electronics Letters, 1994, 30, 223-224.	1.0	37
193	All-solid-state femtosecond diode-pumped Cr:LiSAF regenerative amplifier. Electronics Letters, 1994, 30, 1761-1762.	1.0	6
194	All-solid-state diode-pumped modelocked Cr:LiSAF laser. Electronics Letters, 1993, 29, 1262.	1.0	37
195	Self-starting femtosecond Ti:sapphire laser with intracavity multiquantum well absorber. Electronics Letters, 1993, 29, 894-896.	1.0	9
196	Polarization-independent all-optical switching. IEEE Photonics Technology Letters, 1992, 4, 260-263.	2.5	11
197	Characterisation of a cw titanium-doped sapphire laser mode-locked with a linear external cavity. Optics Communications, 1991, 83, 185-194.	2.1	31
198	Temporal and spectral behaviour of passively mode locked dye lasers. Optics Communications, 1990, 76, 229-234.	2.1	6

#	Article	IF	Citations
199	A cw rhodamine 800 dye laser passively mode-locked with neocyanine. Optics Communications, 1990, 80, 57-59.	2.1	6
200	Mode locking of a continuous wave neodymium doped fibre laser with a linear external cavity. Electronics Letters, 1990, 26, 1238.	1.0	17
201	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
202	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
203	The passively mode locked coumarin 6H ring dye laser. Optics Communications, 1988, 67, 51-52.	2.1	5
204	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
205	The passively mode locked and dispersion compensated Rhodamine 110 dye laser. Optics Communications, 1987, 61, 224-228.	2.1	20
206	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
207	Optical pulse compression of raman-depleted picosecond pulses and spectrally windowed self-phase modulated pulses at 1.06 Î¼m. IEE Proceedings, Part J: Optoelectronics, 1987, 134, 171.	0.4	0
208	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
209	The passive modelocking of the continuous wave Rhodamine B dye laser. Optics Communications, 1986, 58, 53-55.	2.1	16
210	Spectral optimisation of a synchronously mode locked femtosecond dye laser. Optics Communications, 1986, 60, 389-392.	2.1	6
211	Tunable group velocity dispersion interferometer for intracavity and extracavity applications. Optics Communications, 1986, 57, 263-268.	2.1	17
212	A femtosecond hybrid mode locked Rhodamine B dye laser. Optics Communications, 1986, 59, 366-368.	2.1	7
213	Passive modelocking of a cw dye laser in the yellow spectral region. Optics Communications, 1986, 56, 430-432.	2.1	14
214	Synchronous mode-locking of a dye laser using an optical bias technique. Optics Communications, 1985, 56, 272-274.	2.1	2
215	Complete Switching in a Three-Terminal Sagnac Switch. , 0, , .		0
216	High Resolution Real-Time 3-D Imaging Through Scattering Media Using Photorefractive Holography with Multiple Quantum Well Devices. , 0, , .		0

#	Article	IF	Citations
217	All-solid-state diode-pumped Cr:LiSGAF laser amplifier system applied to laser ablation. , 0, , .		0
218	Fluorescence lifetime imaging for biomedicine and spectroscopy. , 0, , .		1
219	Mapping the rotational diffusion of fluorophores in cells with time-resolved wide-field fluorescence anisotropy imaging. , 0, , .		0
220	Fluorescence lifetime imaging of polymer LEDs. , 0, , .		0
221	Application of multi-dimensional fluorescence imaging to microfluidic devices. , 0, , .		1
222	An electronically tunable ultrafast laser source applied to fluorescence imaging and microscopy including fluorescence lifetime imaging. , 0, , .		0
223	Multi-dimensional fluorescence imaging. , 0, , 1134-1134.		0