

Pablo Loza-Alvarez

List of Publications by Year in descending order

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162
papers

3,685
citations

126708

33
h-index

155451

55
g-index

171
all docs

171
docs citations

171
times ranked

5374
citing authors

#	ARTICLE	IF	CITATIONS
1	Modular multimodal platform for classical and high throughput light sheet microscopy. Scientific Reports, 2022, 12, 1969.	1.6	10
2	Constitutive Activation of p62/Sequestosome-1-Mediated Proteophagy Regulates Proteolysis and Impairs Cell Death in Bortezomib-Resistant Mantle Cell Lymphoma. Cancers, 2022, 14, 923.	1.7	5
3	Novel Non-Invasive Quantification and Imaging of Eumelanin and DHICA Subunit in Skin Lesions by Raman Spectroscopy and MCR Algorithm: Improving Dysplastic Nevi Diagnosis. Cancers, 2022, 14, 1056.	1.7	7
4	Multiple asters organize the yolk microtubule network during dclk2-GFP zebrafish epiboly. Scientific Reports, 2022, 12, 4072.	1.6	0
5	Deficiency of the ywhaz gene, involved in neurodevelopmental disorders, alters brain activity and behaviour in zebrafish. Molecular Psychiatry, 2022, 27, 3739-3748.	4.1	8
6	Multi-modal and multi-scale clinical retinal imaging system with pupil and retinal tracking. Scientific Reports, 2022, 12, .	1.6	7
7	The Capillary Morphogenesis Gene 2 Triggers the Intracellular Hallmarks of Collagen VI-Related Muscular Dystrophy. International Journal of Molecular Sciences, 2022, 23, 7651.	1.8	5
8	Versatile and flexible TAOSLO device for retinal imaging. , 2021, , .		0
9	Fructose derived oligosaccharides prevent lipid membrane destabilization and DNA conformational alterations during vacuum-drying of Lactobacillus delbrueckii subsp. bulgaricus. Food Research International, 2021, 143, 110235.	2.9	5
10	Unravelling the Encapsulation of DNA and Other Biomolecules in HAp Microcalcifications of Human Breast Cancer Tissues by Raman Imaging. Cancers, 2021, 13, 2658.	1.7	7
11	Autofluorescence of stingray skeletal cartilage: hyperspectral imaging as a tool for histological characterization. Discover Materials, 2021, 1, 1.	1.0	0
12	ZEUS: Zernike based nEural network for light Sheet microscopy. , 2021, , .		0
13	Light sheet fluorescence microscopy for 3D imaging of Ca2+ dynamics in neuronal cultures. , 2021, , .		0
14	Analysis of intracellular protein dynamics in living zebrafish embryos using light-sheet fluorescence single-molecule microscopy. Biomedical Optics Express, 2021, 12, 6205.	1.5	3
15	Linear unmixing protocol for hyperspectral image fusion analysis applied to a case study of vegetal tissues. Scientific Reports, 2021, 11, 18665.	1.6	4
16	Light-sheet fluorescence microscopy for the in vivo study of microtubule dynamics in the zebrafish embryo. Biomedical Optics Express, 2021, 12, 6237.	1.5	5
17	Multimodal SWIR Laser Imaging for Assessment and Detection of Urothelial Carcinomas. , 2021, , .		0
18	Response to Hypoxic Preconditioning of Glial Cells from the Roof of the Fourth Ventricle. Neuroscience, 2020, 439, 211-229.	1.1	4

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19	The nucleus measures shape changes for cellular proprioception to control dynamic cell behavior. <i>Science</i> , 2020, 370, .	6.0	232
20	A New <i>Cerkl</i> Mouse Model Generated by CRISPR-Cas9 Shows Progressive Retinal Degeneration and Altered Morphological and Electrophysiological Phenotype. , 2020, 61, 14.		16
21	Parallel array with axially coded light-sheet microscope. <i>Light: Science and Applications</i> , 2020, 9, 65.	7.7	0
22	Engineering Polar Oxynitrides: Hexagonal Perovskite BaWON ₂ . <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18395-18399.	7.2	8
23	A computational diffusion model to study antibody transport within reconstructed tumor microenvironments. <i>BMC Bioinformatics</i> , 2020, 21, 529.	1.2	7
24	Comparability of Raman Spectroscopic Configurations: A Large Scale Cross-Laboratory Study. <i>Analytical Chemistry</i> , 2020, 92, 15745-15756.	3.2	46
25	Tomato and Melon Meloidogyne Resistant Rootstocks Improve Crop Yield but Melon Fruit Quality Is Influenced by the Cropping Season. <i>Frontiers in Plant Science</i> , 2020, 11, 560024.	1.7	37
26	Engineering Polar Oxynitrides: Hexagonal Perovskite BaWON 2. <i>Angewandte Chemie</i> , 2020, 132, 18553-18557.	1.6	1
27	A novel culture method that sustains ER α signaling in human breast cancer tissue microstructures. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 161.	3.5	16
28	Bacillus firmus Strain I-1582, a Nematode Antagonist by Itself and Through the Plant. <i>Frontiers in Plant Science</i> , 2020, 11, 796.	1.7	37
29	3D and 4D Image Fusion: Coping with Differences in Spectroscopic Modes among Hyperspectral Images. <i>Analytical Chemistry</i> , 2020, 92, 9591-9602.	3.2	11
30	GCAP neuronal calcium sensor proteins mediate photoreceptor cell death in the rd3 mouse model of LCA12 congenital blindness by involving endoplasmic reticulum stress. <i>Cell Death and Disease</i> , 2020, 11, 62.	2.7	9
31	Development of two-photon polymerised scaffolds for optical interrogation and neurite guidance of human iPSC-derived cortical neuronal networks. <i>Lab on A Chip</i> , 2020, 20, 1792-1806.	3.1	20
32	Spontaneous Functional Recovery after Focal Damage in Neuronal Cultures. <i>ENeuro</i> , 2020, 7, ENEURO.0254-19.2019.	0.9	13
33	Post-translational regulation of retinal IMPDH1 in vivo to adjust GTP synthesis to illumination conditions. <i>ELife</i> , 2020, 9, .	2.8	35
34	Light sheet microscopy for fast functional imaging of 3D neuronal cultures in hydrogels. , 2020, , .		0
35	High-throughput live imaging using Light Sheet Microscopy. , 2020, , .		0
36	Enhanced Light Sheet Elastic Scattering Microscopy by Using a Supercontinuum Laser. <i>Methods and Protocols</i> , 2019, 2, 57.	0.9	12

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37	Large-Area Biomolecule Nanopatterns on Diblock Copolymer Surfaces for Cell Adhesion Studies. <i>Nanomaterials</i> , 2019, 9, 579.	1.9	6
38	Comparison of Different Polarization Sensitive Second Harmonic Generation Imaging Techniques. <i>Methods and Protocols</i> , 2019, 2, 49.	0.9	10
39	Nanoscale structure of amyloid- β^2 plaques in Alzheimer's disease. <i>Scientific Reports</i> , 2019, 9, 5181.	1.6	52
40	Assessment of tissue-specific multifactor effects in environmental "omics studies of heterogeneous biological samples: Combining hyperspectral image information and chemometrics. <i>Talanta</i> , 2019, 194, 390-398.	2.9	10
41	Identifying crossing collagen fibers in human corneal tissues using pSHG images. <i>Biomedical Optics Express</i> , 2019, 10, 3875.	1.5	15
42	Experimental investigation of active Brownian dynamics in 3D optical potentials using light-sheet microscopy. , 2019, , .		0
43	Cell membrane molecular dynamics under a NIR focused laser. , 2019, , .		1
44	3D-3-culture: A tool to unveil macrophage plasticity in the tumour microenvironment. <i>Biomaterials</i> , 2018, 163, 185-197.	5.7	169
45	Transcriptome analysis in tissue sectors with contrasting crocins accumulation provides novel insights into apocarotenoid biosynthesis and regulation during chromoplast biogenesis. <i>Scientific Reports</i> , 2018, 8, 2843.	1.6	41
46	Interference with Clp protease impairs carotenoid accumulation during tomato fruit ripening. <i>Journal of Experimental Botany</i> , 2018, 69, 1557-1568.	2.4	58
47	Nanopatterns of Surface-Bound EphrinB1 Produce Multivalent Ligand-Receptor Interactions That Tune EphB2 Receptor Clustering. <i>Nano Letters</i> , 2018, 18, 629-637.	4.5	27
48	Combining hyperspectral imaging and chemometrics to assess and interpret the effects of environmental stressors on zebrafish eye images at tissue level. <i>Journal of Biophotonics</i> , 2018, 11, e201700089.	1.1	8
49	Preserving bacteria with oligosaccharides and eco-friendly processes (Premium). <i>Cryobiology</i> , 2018, 85, 172-173.	0.3	0
50	Effects of near infrared focused laser on the fluorescence of labelled cell membrane. <i>Scientific Reports</i> , 2018, 8, 17674.	1.6	6
51	Light-sheet microscopy: a tutorial. <i>Advances in Optics and Photonics</i> , 2018, 10, 111.	12.1	188
52	Raman spectroscopy quantification of eumelanin subunits in natural unaltered pigments. <i>Pigment Cell and Melanoma Research</i> , 2018, 31, 673-682.	1.5	13
53	Nonlinear imaging applications of high-power lasers: figures of merit. , 2018, , 377-408.		0
54	High-Resolution Morphological Approach to Analyse Elastic Laminae Injuries of the Ascending Aorta in a Murine Model of Marfan Syndrome. <i>Scientific Reports</i> , 2017, 7, 1505.	1.6	23

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55	Wavefront coding for fast, high-resolution light-sheet microscopy (Conference Presentation). , 2017, , .		0
56	Imaging tissue-mimic with light sheet microscopy: A comparative guideline. Scientific Reports, 2017, 7, 44939.	1.6	39
57	Relevant aspects of unmixing/resolution analysis for the interpretation of biological vibrational hyperspectral images. TrAC - Trends in Analytical Chemistry, 2017, 94, 130-140.	5.8	32
58	Synaptic phosphorylated α -synuclein in dementia with Lewy bodies. Brain, 2017, 140, 3204-3214.	3.7	90
59	STED imaging performance estimation by means of Fourier transform analysis. Biomedical Optics Express, 2017, 8, 2472.	1.5	9
60	Multiphoton imaging with blue-diode-pumped SESAM-modelocked Ti:sapphire oscillator generating 5 nJ 82 fs pulses. Optics Express, 2017, 25, 10677.	1.7	26
61	Sub-diffraction discrimination with polarization-resolved two-photon excited fluorescence microscopy. Optica, 2017, 4, 911.	4.8	15
62	Multiphoton imaging with blue-diode-pumped SESAM-modelocked Ti:Sapphire oscillator. , 2017, , .		0
63	Adaptive optics scanning laser ophthalmoscope imaging: technology update. Clinical Ophthalmology, 2016, 10, 743.	0.9	34
64	Identification of Individual Exosome-Like Vesicles by Surface Enhanced Raman Spectroscopy. Small, 2016, 12, 3292-3301.	5.2	145
65	Tomato fruit carotenoid biosynthesis is adjusted to actual ripening progression by a light-dependent mechanism. Plant Journal, 2016, 85, 107-119.	2.8	149
66	Light-sheet microscopy imaging of a whole cleared rat brain with Thy1-GFP transgene. Scientific Reports, 2016, 6, 28209.	1.6	87
67	Light sheet microscopy for visualizing fast biological dynamics in 3D. , 2016, , .		0
68	Two photon versus one photon fluorescence excitation in whispering gallery mode microresonators. Journal of Luminescence, 2016, 170, 860-865.	1.5	5
69	Light Sheet Microscopy with Wavefront Coding for Fast Volumetric Imaging of Biological Samples. , 2016, , .		0
70	Non-linear fluorescence excitation of Rhodamine 6G and TRITC labeled IgG in whispering gallery mode microresonators. Proceedings of SPIE, 2015, , .	0.8	1
71	Translational label-free nonlinear imaging biomarkers to classify the human corneal microstructure. Biomedical Optics Express, 2015, 6, 2803.	1.5	27
72	Rapid spontaneous Raman light sheet microscopy using cw-lasers and tunable filters. Biomedical Optics Express, 2015, 6, 3449.	1.5	25

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73	Decoupled illumination detection in light sheet microscopy for fast volumetric imaging. <i>Optica</i> , 2015, 2, 702.	4.8	83
74	Two-photon fluorescence imaging with 30 fs laser system tunable around 1 micron. <i>Optics Express</i> , 2014, 22, 16456.	1.7	15
75	Fast monitoring of in-vivo conformational changes in myosin using single scan polarization-SHG microscopy. <i>Biomedical Optics Express</i> , 2014, 5, 4362.	1.5	33
76	Imaging deep and clear in thick inhomogeneous samples. , 2014, , .		0
77	Quantitative Imaging of Microtubule Alteration as an Early Marker of Axonal Degeneration after Ischemia in Neurons. <i>Biophysical Journal</i> , 2013, 104, 968-975.	0.2	34
78	Femtosecond Laser Axotomy in <i>Caenorhabditis elegans</i> and Collateral Damage Assessment Using a Combination of Linear and Nonlinear Imaging Techniques. <i>PLoS ONE</i> , 2013, 8, e58600.	1.1	9
79	A Transcriptome-proteome Integrated Network Identifies Endoplasmic Reticulum thiol oxidoreductase (ERp57) as a Hub that Mediates Bone Metastasis. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 2111-2125.	2.5	32
80	Two-photon fluorescence imaging with 30 fs laser system tunable around 1 micron. , 2013, , .		0
81	Image formation by linear and nonlinear digital scanned light-sheet fluorescence microscopy with Gaussian and Bessel beam profiles. <i>Biomedical Optics Express</i> , 2012, 3, 1492.	1.5	83
82	Effect of molecular organization on the image histograms of polarization SHG microscopy. <i>Biomedical Optics Express</i> , 2012, 3, 2681.	1.5	43
83	High peak-power picosecond pulse generation at 126 Åµm using a quantum-dot-based external-cavity mode-locked laser and tapered optical amplifier. <i>Optics Express</i> , 2012, 20, 14308.	1.7	31
84	The Neck Region of the C-type Lectin DC-SIGN Regulates Its Surface Spatiotemporal Organization and Virus-binding Capacity on Antigen-presenting Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 38946-38955.	1.6	52
85	Depth aberrations characterization in linear and nonlinear microscopy schemes using a Shack-Hartmann wavefront sensor. , 2012, , .		0
86	Multiphoton imaging with compact semiconductor disk lasers. <i>Proceedings of SPIE</i> , 2012, , .	0.8	1
87	Nonlinear Bio-imaging with a High Peak Power All-Quantum-Dot Master-oscillator Power-amplified System. , 2012, , .		0
88	Two-photon fluorescent immunosensor for androgenic hormones using resonant grating waveguide structures. <i>Sensors and Actuators B: Chemical</i> , 2012, 174, 394-401.	4.0	16
89	Molecular engineering of chromophores for combined second-harmonic and two-photon fluorescence in cellular imaging. <i>Chemical Science</i> , 2012, 3, 984.	3.7	60
90	Probing live samples in second-harmonic generation microscopy using specific markers and fluorescent proteins. <i>Proceedings of SPIE</i> , 2012, , .	0.8	1

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91	Compact ultrafast semiconductor disk laser: targeting GFP based nonlinear applications in living organisms. Biomedical Optics Express, 2011, 2, 739.	1.5	67
92	Measurement and correction of in vivo sample aberrations employing a nonlinear guide-star in two-photon excited fluorescence microscopy. Biomedical Optics Express, 2011, 2, 3135.	1.5	115
93	Imaging amylopectin's order in starch using 3-dimensional polarization SHG. , 2011, , .		0
94	Portable semiconductor disk laser for in vivo tissue monitoring: a platform for the development of clinical applications. Proceedings of SPIE, 2011, , .	0.8	0
95	Simultaneous SHG and 2PEF imaging using a new type of selective markers. , 2011, , .		1
96	Open-loop wavefront sensing scheme for specimen aberrations correction in two-photon excited fluorescence microscopy. Proceedings of SPIE, 2011, , .	0.8	0
97	59: Ultrastructural analysis of myocardiocyte sarcomeric changes in relation with cardiac dysfunction in human fetuses with intrauterine growth restriction. American Journal of Obstetrics and Gynecology, 2011, 204, S34.	0.7	3
98	High-sensitive nonlinear detection of steroids by resonant double grating waveguide structures-based immunosensors. , 2011, , .		2
99	Three-dimensional polarization second harmonic generation (3D-PSHG) imaging: the effect of the tilted-off the plane SHG active structures. , 2011, , .		2
100	Compact ultrafast semiconductor disk laser for nonlinear imaging in living organisms. , 2011, , .		0
101	In-vivo third-harmonic generation microscopy at 1550nm three-dimensional long-term time-lapse studies in living C. elegans embryos. Proceedings of SPIE, 2011, , .	0.8	0
102	Imaging amylopectin's order in starch using 3-dimensional polarization SHG. , 2011, , .		0
103	Direct aberrations correction in two photon microcopy by a single on-axis measurement. , 2011, , .		0
104	Polarization second harmonic generation (PSHG) imaging of neurons: estimating the effective orientation of the SHG source in axons. Proceedings of SPIE, 2010, , .	0.8	1
105	Practical optical quality assessment and correction of a nonlinear microscope. Proceedings of SPIE, 2010, , .	0.8	1
106	Signalling effect of NIR pulsed lasers on axonal growth. Journal of Neuroscience Methods, 2010, 186, 196-201.	1.3	28
107	Estimating the helical pitch angle of amylopectin in starch using polarization second harmonic generation microscopy. Journal of Optics (United Kingdom), 2010, 12, 084007.	1.0	34
108	Optical extraction of the helical pitch angle of amylopectin in starch. Proceedings of SPIE, 2010, , .	0.8	0

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109	Assessing structural characteristics of axons in cortical neurons using polarization sensitive SHG. Proceedings of SPIE, 2010, , .	0.8	0
110	Third-harmonic generation for the study of Caenorhabditis elegans embryogenesis. Journal of Biomedical Optics, 2010, 15, 1.	1.4	27
111	A simple scanless two-photon fluorescence microscope using selective plane illumination. Optics Express, 2010, 18, 8491.	1.7	72
112	Fast image analysis in polarization SHG microscopy. Optics Express, 2010, 18, 17209.	1.7	54
113	Real time imaging of femtosecond laser induced nano-neurosurgery dynamics in C elegans. Optics Express, 2010, 18, 364.	1.7	12
114	Designing supercontinuum spectra using Grid technology. , 2010, , .		2
115	Multimodal optical workstation for simultaneous linear, nonlinear microscopy and nanomanipulation: Upgrading a commercial confocal inverted microscope. Review of Scientific Instruments, 2009, 80, 073701.	0.6	27
116	In vivo, pixel-resolution mapping of thick filaments' orientation in nonfibrillar muscle using polarization-sensitive second harmonic generation microscopy. Journal of Biomedical Optics, 2009, 14, 014001.	1.4	88
117	Quantitative discrimination between endogenous SHG sources in mammalian tissue, based on their polarization response. Optics Express, 2009, 17, 10168.	1.7	58
118	Estimation of the effective orientation of the SHG source in primary cortical neurons. Optics Express, 2009, 17, 14418.	1.7	52
119	Contrast enhancement in second harmonic imaging: discriminating between muscle and collagen. Proceedings of SPIE, 2009, , .	0.8	0
120	Myosin helical pitch angle as a quantitative imaging biomarker for characterization of cardiac programming in fetal growth restriction measured by polarization second harmonic microscopy. , 2009, , .		0
121	Contrast enhancement in second harmonic imaging: Discriminating between muscle and collagen. , 2009, , .		0
122	Influence of distant femtosecond laser pulses on growth cone filopodia. Cytotechnology, 2008, 58, 103-111.	0.7	4
123	Starch-based backwards SHG for in situ MEFISTO pulse characterization in multiphoton microscopy. Journal of Microscopy, 2008, 230, 70-75.	0.8	22
124	Decrease in laser ablation threshold for epithelial tissue microsurgery in a living <i>Drosophila</i> embryo during dorsal closure. Journal of Microscopy, 2008, 232, 362-368.	0.8	10
125	Starch granules as a probe for the polarization at the sample plane of a high resolution multiphoton microscope. , 2008, , .		6
126	Nonlinear immunofluorescent assay for androgenic hormones based on resonant structures. Optics Express, 2008, 16, 13315.	1.7	13

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127	Two-photon fluorescence imaging and femtosecond laser microsurgery to study drosophila dorsal closure. Proceedings of SPIE, 2008, , .	0.8	0
128	Polarization dependant in vivo second harmonic generation imaging of Caenorhabditis elegans vulval, pharynx, and body wall muscles. , 2008, , .		3
129	MEFISTO characterization of broadband pulse from a single mode fiber for in situ nonlinear microscopy. , 2007, , .		0
130	Cavity resonances in finite plasmonic chains. Applied Physics Letters, 2007, 90, 041109.	1.5	14
131	In situ, starch-based backwards SHG for MEFISTO pulse characterization in multiphoton microscopy. , 2007, , .		0
132	Two-photon induced fluorescence for archaeological applications. , 2007, , .		0
133	Neuronal fillopodia respond to distant femtosecond pulses. , 2007, , .		0
134	Ultra-short pulses to signal neuronal growth cone machinery. , 2007, , .		0
135	Backward second-harmonic generation from starch for in-situ real-time pulse characterization in multiphoton microscopy. , 2007, , .		1
136	Lost writing uncovered by laser two-photon fluorescence provides a terminus post quem for Roman colonization of Hispania Citerior. Journal of Archaeological Science, 2007, 34, 1594-1600.	1.2	20
137	Simultaneous analytical characterisation of two ultrashort laser pulses using spectrally resolved interferometric correlations. Optics Express, 2006, 14, 4538.	1.7	19
138	Two-photon photoluminescence spectroscopy of metal dimers. , 2006, , .		1
139	Local Field Spectroscopy of Metal Dimers by TPL Microscopy. Plasmonics, 2006, 1, 41-44.	1.8	23
140	Local field spectroscopy of metal dimers by two-photon photoluminescence microscopy. , 2006, , .		0
141	Comparison of iterative and non-iterative retrieval from few-cycle interferometric FROG traces. , 2006, , .		0
142	Measurement of electric field by interferometric spectral trace observation. Optics Letters, 2005, 30, 1063.	1.7	38
143	Mechanisms of refractive index modification during femtosecond laser writing of waveguides in alkaline lead-oxide silicate glass. Applied Physics Letters, 2005, 87, 021109.	1.5	27
144	Ultrashort pulse characterisation with SHG collinear-FROG. Optics Express, 2004, 12, 1169.	1.7	87

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145	Starch-based second-harmonic-generated collinear frequency-resolved optical gating pulse characterization at the focal plane of a high-numerical-aperture lens. <i>Optics Letters</i> , 2004, 29, 2282.	1.7	31
146	Periodically switched nonlinear structures for frequency conversion: theory and experimental demonstration. <i>IEEE Journal of Quantum Electronics</i> , 2004, 40, 1122-1130.	1.0	11
147	Nonlinear microscopy pulse optimization at the sample plane using second-harmonic generation from starch. , 2004, 5463, 56.		2
148	Amplification of femtosecond pulses over by 18 dB in a quantum-dot semiconductor optical amplifier. <i>IEEE Photonics Technology Letters</i> , 2003, 15, 1023-1025.	1.3	56
149	Observation of self-focusing of light mediated by cubic nonlinearities in potassium titanyl phosphate. <i>Optics Letters</i> , 2002, 27, 2016.	1.7	8
150	Second-harmonic generation from a first-order quasi-phase-matched GaAs/AlGaAs waveguide crystal. <i>Optics Letters</i> , 2001, 26, 1984.	1.7	25
151	Femtosecond second-harmonic pulse compression in aperiodically poled lithium niobate: a systematic comparison of experiment and theory. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2001, 18, 1212.	0.9	25
152	Autocorrelation of femtosecond pulses from 415â€“630 nm using GaN laser diode. <i>Electronics Letters</i> , 2000, 36, 631.	0.5	15
153	Amplitude and phase measurement of mid-infrared femtosecond pulses by using cross-correlation frequency-resolved optical gating. <i>Optics Letters</i> , 2000, 25, 1478.	1.7	43
154	Simultaneous femtosecond-pulse compression and second-harmonic generation in aperiodically poled KTiOPO ₄ . <i>Optics Letters</i> , 1999, 24, 1071.	1.7	25
155	High-repetition-rate ultrashort-pulse optical parametric oscillator continuously tunable from 28 to 68 Åµm. <i>Optics Letters</i> , 1999, 24, 1523.	1.7	59
156	All-solid-state mid-infrared femtosecond optical parametric oscillator based on periodically-poled lithium niobate. <i>Optics Communications</i> , 1998, 146, 147-150.	1.0	7
157	Femtosecond optical parametric oscillators based on periodically poled lithium niobate. <i>Journal of Modern Optics</i> , 1998, 45, 1285-1294.	0.6	1
158	Ultralow-pump-threshold, femtosecond Cr ³⁺ :LiSrAlF ₆ laser pumped by a single narrow-stripe AlGaInP laser diode. <i>Optics Letters</i> , 1997, 22, 1639.	1.7	54
159	Temperature distribution in a uniform medium heated by linear absorption of a Gaussian light beam. <i>Applied Optics</i> , 1994, 33, 3831.	2.1	9
160	Simple experimental technique for analytically characterizing ultrashort laser pulses. , 0, , .		0
161	Investigation of ultrashort pulse dispersion through a non-linear microscope. , 0, , .		0
162	The use of a spectrally resolved interferometric correlation to analytically determine the phase of two unknown ultrashort laser pulses. , 0, , .		0