

Kenneth K Y Wong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9580278/publications.pdf>

Version: 2024-02-01

283
papers

5,179
citations

87888

38
h-index

138484

58
g-index

287
all docs

287
docs citations

287
times ranked

3152
citing authors

#	ARTICLE	IF	CITATIONS
1	Wide-Band Tuning of the Gain Spectra of One-Pump Fiber Optical Parametric Amplifiers. IEEE Journal of Selected Topics in Quantum Electronics, 2004, 10, 1133-1141.	2.9	202
2	Polarization-independent two-pump fiber optical parametric amplifier. IEEE Photonics Technology Letters, 2002, 14, 911-913.	2.5	139
3	Optical time-stretch confocal microscopy at 1/4m. Optics Letters, 2012, 37, 3330.	3.3	126
4	Ultrafast laser-scanning time-stretch imaging at visible wavelengths. Light: Science and Applications, 2017, 6, e16196-e16196.	16.6	125
5	Automatic source camera identification using the intrinsic lens radial distortion. Optics Express, 2006, 14, 11551.	3.4	117
6	Source camera identification using footprints from lens aberration. , 2006, 6069, 172.		102
7	Monolithically integrated InGaN/GaN light-emitting diodes, photodetectors, and waveguides on Si substrate. Optica, 2018, 5, 564.	9.3	102
8	Continuous-wave fiber optical parametric oscillator. Optics Letters, 2002, 27, 1439.	3.3	96
9	Continuous Dynamic Spinal Motion Analysis. Spine, 2006, 31, 414-419.	2.0	96
10	Narrow-linewidth idler generation in fiber four-wave mixing and parametric amplification by dithering two pumps in opposition of phase. Journal of Lightwave Technology, 2002, 20, 469-476.	4.6	87
11	Asymmetric-detection time-stretch optical microscopy (ATOM) for ultrafast high-contrast cellular imaging in flow. Scientific Reports, 2014, 4, 3656.	3.3	83
12	Optofluidic time-stretch imaging " an emerging tool for high-throughput imaging flow cytometry. Lab on A Chip, 2016, 16, 1743-1756.	6.0	83
13	Polarization-interleaved WDM signals in a fiber optical parametric amplifier with orthogonal pumps. Optics Express, 2007, 15, 56.	3.4	75
14	Manipulating supercontinuum generation by minute continuous wave. Optics Letters, 2011, 36, 160.	3.3	72
15	Parametric spectro-temporal analyzer (PASTA) for real-time optical spectrum observation. Scientific Reports, 2013, 3, 2064.	3.3	67
16	Experimental studies of the WDM signal crosstalk in two-pump fiber optical parametric amplifiers. Optics Communications, 2007, 270, 429-432.	2.1	66
17	Interferometric time-stretch microscopy for ultrafast quantitative cellular and tissue imaging at 1/4m. Journal of Biomedical Optics, 2014, 19, 076001.	2.6	65
18	Continuous-wave fiber optical parametric wavelength converter with +40-dB conversion efficiency and a 38-dB noise figure. Optics Letters, 2003, 28, 692.	3.3	63

#	ARTICLE	IF	CITATIONS
19	Ultrafast spectral dynamics of dual-color-soliton intracavity collision in a mode-locked fiber laser. Applied Physics Letters, 2018, 112, .	3.3	63
20	92% pump depletion in a continuous-wave one-pump fiber optical parametric amplifier. Optics Letters, 2001, 26, 620.	3.3	62
21	Continuous-wave fiber optical parametric amplifier with 60-dB gain using a novel two-segment design. IEEE Photonics Technology Letters, 2003, 15, 1707-1709.	2.5	62
22	Quantitative Phase Imaging Flow Cytometry for Ultra-large Scale Single Cell Biophysical Phenotyping. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2019, 95, 510-520.	1.5	60
23	Breathing laser as an inertia-free swept source for high-quality ultrafast optical bioimaging. Optics Letters, 2014, 39, 6593.	3.3	58
24	Buildup and dissociation dynamics of dissipative optical soliton molecules. Optica, 2020, 7, 965.	9.3	57
25	All-optical picoseconds logic gates based on a fiber optical parametric amplifier. Optics Express, 2008, 16, 18362.	3.4	55
26	Widely tunable picosecond optical parametric oscillator using highly nonlinear fiber. Optics Letters, 2009, 34, 989.	3.3	54
27	Mutually ignited soliton explosions in a fiber laser. Optics Letters, 2018, 43, 4132.	3.3	54
28	Investigating the influence of a weak continuous-wave-trigger on picosecond supercontinuum generation. Optics Express, 2011, 19, 13757.	3.4	53
29	High-contrast, fast chemical imaging by coherent Raman scattering using a self-synchronized two-colour fibre laser. Light: Science and Applications, 2020, 9, 25.	16.6	50
30	Serial time-encoded amplified microscopy (STEAM) based on a stabilized picosecond supercontinuum source. Optics Express, 2011, 19, 15810.	3.4	49
31	Unveiling multi-scale laser dynamics through time-stretch and time-lens spectroscopies. Optics Express, 2017, 25, 29098.	3.4	49
32	Panoramic-reconstruction temporal imaging for seamless measurements of slowly-evolved femtosecond pulse dynamics. Nature Communications, 2017, 8, 61.	12.8	48
33	102-nm, 445-MHz inertial-free swept source by mode-locked fiber laser and time stretch technique for optical coherence tomography. Optics Express, 2018, 26, 4370.	3.4	46
34	A Power-Efficient Ultra-Wideband Pulse Generator Based on Multiple PM-IM Conversions. IEEE Photonics Technology Letters, 2010, 22, 1063-1065.	2.5	45
35	Speckle reduction of retinal optical coherence tomography based on contourlet shrinkage. Optics Letters, 2013, 38, 2900.	3.3	45
36	High-throughput time-stretch imaging flow cytometry for multi-class classification of phytoplankton. Optics Express, 2016, 24, 28170.	3.4	45

#	ARTICLE	IF	CITATIONS
37	Spectral-temporal dynamics of multipulse mode-locking. Applied Physics Letters, 2017, 110, .	3.3	45
38	Breathing dissipative soliton explosions in a bidirectional ultrafast fiber laser. Photonics Research, 2020, 8, 1566.	7.0	44
39	1.7- μ m wavelength tunable gain-switched fiber laser and its application to spectroscopic photoacoustic imaging. Optics Letters, 2018, 43, 5849.	3.3	43
40	Geometrical Shaping of InGaN Light-Emitting Diodes by Laser Micromachining. IEEE Photonics Technology Letters, 2009, 21, 1078-1080.	2.5	41
41	Deep-learning-assisted biophysical imaging cytometry at massive throughput delineates cell population heterogeneity. Lab on A Chip, 2020, 20, 3696-3708.	6.0	41
42	Monolithic Integration of GaN-on-Sapphire Light-Emitting Diodes, Photodetectors, and Waveguides. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-6.	2.9	39
43	Parallelized volumetric fluorescence microscopy with a reconfigurable coded incoherent light-sheet array. Light: Science and Applications, 2020, 9, 8.	16.6	39
44	1.7- μ m dissipative soliton Tm-doped fiber laser. Photonics Research, 2021, 9, 873.	7.0	38
45	Pump-to-signal transfer of low-frequency intensity modulation in fiber optical parametric amplifiers. Journal of Lightwave Technology, 2005, 23, 1049-1055.	4.6	37
46	Ultra-Wideband Pulse Generation Based on Cross-Gain Modulation in Fiber Optical Parametric Amplifier. IEEE Photonics Technology Letters, 2009, 21, 212-214.	2.5	37
47	Actively Mode-Locked Fiber Optical Parametric Oscillator. IEEE Journal of Selected Topics in Quantum Electronics, 2009, 15, 393-398.	2.9	36
48	Generalized and scalable trajectory inference in single-cell omics data with VIA. Nature Communications, 2021, 12, 5528.	12.8	36
49	Millimeter-Wave UWB Signal Generation Via Frequency Up-Conversion Using Fiber Optical Parametric Amplifier. IEEE Photonics Technology Letters, 2009, 21, 1172-1174.	2.5	34
50	Multi-ATOM: Ultrahigh-throughput single-cell quantitative phase imaging with subcellular resolution. Journal of Biophotonics, 2019, 12, e201800479.	2.3	34
51	High-energy all-fiber gain-switched thulium-doped fiber laser for volumetric photoacoustic imaging of lipids. Photonics Research, 2020, 8, 160.	7.0	34
52	Close-packed hemiellipsoid arrays: A photonic band gap structure patterned by nanosphere lithography. Applied Physics Letters, 2009, 95, 133125.	3.3	33
53	Fiber optical parametric amplifiers with linearly or circularly polarized waves. Journal of the Optical Society of America B: Optical Physics, 2003, 20, 2425.	2.1	32
54	Widely Tunable Wavelength Exchange in Anomalous-Dispersion Regime. IEEE Photonics Technology Letters, 2007, 19, 1846-1848.	2.5	32

#	ARTICLE	IF	CITATIONS
55	Polychromatic light-emitting diodes with a fluorescent nanosphere opal coating. <i>Nanotechnology</i> , 2008, 19, 355203.	2.6	32
56	Broadband fiber-optical parametric amplification for ultrafast time-stretch imaging at 10 ¹⁴ m. <i>Optics Letters</i> , 2014, 39, 5989.	3.3	31
57	kHz-order linewidth controllable 1550 nm single-frequency fiber laser for coherent optical communication. <i>Optics Express</i> , 2017, 25, 19752.	3.4	31
58	Fiber chirped pulse amplification of a short wavelength mode-locked thulium-doped fiber laser. <i>APL Photonics</i> , 2017, 2, .	5.7	30
59	Ultrafast time-stretch microscopy based on dual-comb asynchronous optical sampling. <i>Optics Letters</i> , 2018, 43, 2118.	3.3	30
60	Overcoming the limitation of phase retrieval using Gerchbergâ€“Saxton-like algorithm in optical fiber time-stretch systems. <i>Optics Letters</i> , 2015, 40, 3595.	3.3	29
61	Ultra-narrow linewidth full C-band tunable single-frequency linear-polarization fiber laser. <i>Optics Express</i> , 2016, 24, 26209.	3.4	28
62	Compact fs ytterbium fiber laser at 1010 nm for biomedical applications. <i>Biomedical Optics Express</i> , 2017, 8, 4921.	2.9	28
63	Volumetric two-photon microscopy with a non-diffracting Airy beam. <i>Optics Letters</i> , 2019, 44, 391.	3.3	28
64	All-Fiber-Based Ultrashort Pulse Generation and Chirped Pulse Amplification Through Parametric Processes. <i>IEEE Photonics Technology Letters</i> , 2010, 22, 1330-1332.	2.5	27
65	Enhanced depth resolution in optical scanning holography using a configurable pupil. <i>Photonics Research</i> , 2014, 2, 64.	7.0	27
66	Unveiling femtosecond rogue-wave structures in noise-like pulses by a stable and synchronized time magnifier. <i>Optics Letters</i> , 2019, 44, 4351.	3.3	26
67	Exploiting few mode-fibers for optical time-stretch confocal microscopy in the short near-infrared window. <i>Optics Express</i> , 2012, 20, 24115.	3.4	25
68	Ultrafast Spectroscopy Based on Temporal Focusing and Its Applications. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2016, 22, 295-306.	2.9	25
69	High-speed wavelength-swept source at 20 ¹⁴ m and its application in imaging through a scattering medium. <i>Optics Letters</i> , 2017, 42, 1540.	3.3	25
70	Multiscale high-speed photoacoustic microscopy based on free-space light transmission and a MEMS scanning mirror. <i>Optics Letters</i> , 2020, 45, 4312.	3.3	25
71	A Comprehensive Study on Crosstalk Suppression Techniques in Fiber Optical Parametric Amplifier by Modulation Format. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2008, 14, 659-665.	2.9	24
72	28 MHz swept source at 10 ¹⁴ m for ultrafast quantitative phase imaging. <i>Biomedical Optics Express</i> , 2015, 6, 3855.	2.9	24

#	ARTICLE	IF	CITATIONS
73	Real-time transition dynamics and stability of chip-scale dispersion-managed frequency microcombs. <i>Light: Science and Applications</i> , 2020, 9, 52.	16.6	24
74	Behavioral similarity of dissipative solitons in an ultrafast fiber laser. <i>Optics Letters</i> , 2019, 44, 4813.	3.3	24
75	Toward Practical Fiber Optical Parametric Amplifiers and Oscillators. <i>Optics and Photonics News</i> , 2004, 15, 20.	0.5	23
76	Photonic Nanojet Mediated Backaction of Dielectric Microparticles. <i>ACS Photonics</i> , 2020, 7, 1483-1490.	6.6	23
77	Tunable single-longitudinal-mode fiber optical parametric oscillator. <i>Optics Letters</i> , 2010, 35, 481.	3.3	22
78	Arbitrary two-dimensional spectrally encoded pattern generation—a new strategy for high-speed patterned illumination imaging. <i>Optica</i> , 2015, 2, 1037.	9.3	22
79	Fast and wide tuning wavelength-swept source based on dispersion-tuned fiber optical parametric oscillator. <i>Optics Letters</i> , 2010, 35, 2427.	3.3	21
80	Correlation between multiple modulation instability side lobes in dispersion oscillating fiber. <i>Optics Letters</i> , 2014, 39, 1881.	3.3	21
81	Ultrafast and versatile spectroscopy by temporal Fourier transform. <i>Scientific Reports</i> , 2015, 4, 5351.	3.3	21
82	Performance of parametric spectro-temporal analyzer (PASTA). <i>Optics Express</i> , 2013, 21, 32111.	3.4	20
83	Non-Diffracting Light Wave: Fundamentals and Biomedical Applications. <i>Frontiers in Physics</i> , 2021, 9, .	2.1	20
84	Ultrafast measurements of optical spectral coherence by single-shot time-stretch interferometry. <i>Scientific Reports</i> , 2016, 6, 27937.	3.3	20
85	Multiwavelength Single-Longitudinal-Mode Ytterbium-Doped Fiber Laser. <i>IEEE Photonics Technology Letters</i> , 2013, 25, 385-388.	2.5	19
86	Transmission of optical communication signals by distributed parametric amplification. <i>Journal of Lightwave Technology</i> , 2005, 23, 2945-2953.	4.6	18
87	Source Camera Identification by JPEG Compression Statistics for Image Forensics. , 2006, , .		18
88	Pulsed pump wavelength exchange for high speed signal de-multiplexing. <i>Optics Express</i> , 2008, 16, 10894.	3.4	18
89	Byte-Level Parametric Wavelength Exchange for Narrow Pulsewidth Return-to-Zero Signal. <i>IEEE Photonics Technology Letters</i> , 2009, 21, 1591-1593.	2.5	18
90	Time-stretch microscopy based on time-wavelength sequence reconstruction from wideband incoherent source. <i>Applied Physics Letters</i> , 2014, 105, .	3.3	18

#	ARTICLE	IF	CITATIONS
91	Broadband High-Energy All-Fiber Laser at 1.6 μm . IEEE Photonics Technology Letters, 2018, 30, 311-314.	2.5	18
92	Fiber-Optical Parametric Amplifier With High-Speed Swept Pump. IEEE Photonics Technology Letters, 2011, 23, 1022-1024.	2.5	17
93	High Energy Noise-Like Pulse Generation from a Mode-Locked Thulium-Doped Fiber Laser at 1.7 μm . IEEE Photonics Journal, 2019, 11, 1-6.	2.0	17
94	Depth-resolved volumetric two-photon microscopy based on dual Airy beam scanning. Optics Letters, 2019, 44, 5238.	3.3	17
95	Hybrid optical parametrically-oscillating emitter at 1930 nm for volumetric photoacoustic imaging of water content. ELight, 2022, 2, .	23.9	17
96	Comparison of state-of-art phase modulators and parametric mixers in time-lens applications under different repetition rates. Applied Optics, 2013, 52, 8817.	1.8	16
97	A Time-Dispersion-Tuned Picosecond Fiber-Optical Parametric Oscillator. IEEE Photonics Technology Letters, 2009, 21, 1223-1225.	2.5	15
98	109-MHz optical tomography using temporal magnification. Optics Letters, 2015, 40, 2965.	3.3	15
99	Wide-Band Generation of Picosecond Pulse Using Fiber Optical Parametric Amplifier and Oscillator. IEEE Journal of Quantum Electronics, 2009, 45, 1350-1356.	1.9	14
100	Teaching introductory electrical engineering: Project-based learning experience. , 2012, , .		14
101	Coherent Laser Source for High Frame-Rate Optical Time-Stretch Microscopy at 1.0 μm . IEEE Journal of Selected Topics in Quantum Electronics, 2014, 20, 384-389.	2.9	14
102	Optical Time Stretch for High-Speed and High-Throughput Imaging From Single-Cell to Tissue-Wide Scales. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 89-103.	2.9	14
103	Multi-MHz laser-scanning single-cell fluorescence microscopy by spatiotemporally encoded virtual source array. Biomedical Optics Express, 2017, 8, 4160.	2.9	14
104	Real-time observation of round-trip resolved spectral dynamics in a stabilized fs fiber laser. Optics Express, 2017, 25, 8751.	3.4	14
105	Extended temporal cloak based on the inverse temporal Talbot effect. Optics Letters, 2017, 42, 767.	3.3	14
106	A high-throughput all-optical laser-scanning imaging flow cytometer with biomolecular specificity and subcellular resolution. Journal of Biophotonics, 2018, 11, e201700178.	2.3	14
107	High-Sensitivity Optical Preamplifier for WDM Systems Using an Optical Parametric Amplifier. IEEE Photonics Technology Letters, 2009, 21, 1562-1564.	2.5	13
108	High-Speed Photonic Power-Efficient Ultra-Wideband Transceiver Based on Multiple PM-IM Conversions. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 3344-3351.	4.6	13

#	ARTICLE	IF	CITATIONS
109	Dual-Band Time-Multiplexing Swept-Source Optical Coherence Tomography Based on Optical Parametric Amplification. IEEE Journal of Selected Topics in Quantum Electronics, 2012, 18, 1287-1292.	2.9	13
110	Optical Rogue Waves by Random Dissipative Soliton Buildup in a Fiber Laser. IEEE Photonics Technology Letters, 2018, 30, 1803-1806.	2.5	13
111	Breathing Dissipative Soliton Molecule Switching in a Bidirectional Mode-Locked Fiber Laser. Advanced Photonics Research, 2022, 3, .	3.6	13
112	Continuous-Wave Single-Longitudinal-Mode Fiber-Optical Parametric Oscillator With Reduced Pump Threshold. IEEE Photonics Technology Letters, 2009, 21, 1870-1872.	2.5	12
113	Room temperature photonic crystal band-edge lasing from nanopillar array on GaN patterned by nanosphere lithography. Journal of Applied Physics, 2010, 107, 063104.	2.5	12
114	Dispersion-Tuned Harmonically Mode-Locked Fiber-Optical Parametric Oscillator. IEEE Photonics Technology Letters, 2010, 22, 580-582.	2.5	12
115	Ultra-Widely Tunable, Narrow Linewidth Picosecond Fiber-Optical Parametric Oscillator. IEEE Photonics Technology Letters, 2010, 22, 1756-1758.	2.5	12
116	Spectrally-resolved statistical characterization of seeded supercontinuum suppression using optical time-stretch. Optics Express, 2014, 22, 11849.	3.4	12
117	Video-rate centimeter-range optical coherence tomography based on dual optical frequency combs by electro-optic modulators. Optics Express, 2018, 26, 24928.	3.4	12
118	Multimodal FACED imaging for large-scale single-cell morphological profiling. APL Photonics, 2021, 6, .	5.7	12
119	Dual-comb spectrally encoded confocal microscopy by electro-optic modulators. Optics Letters, 2019, 44, 2919.	3.3	12
120	Dynamics of breathing dissipative soliton pairs in a bidirectional ultrafast fiber laser. Optics Letters, 2022, 47, 1968.	3.3	12
121	Novel in-service wavelength-band upgrade scheme for fiber Raman amplifier. IEEE Photonics Technology Letters, 2003, 15, 27-29.	2.5	11
122	All-Optical Tunable Delay With NRZ-to-RZ Format Conversion Capability Based on Optical Kerr Switch and Pulse Pre-Chirping. Journal of Lightwave Technology, 2008, 26, 3770-3775.	4.6	11
123	Stabilized Wide-Band Wavelength Conversion Enabled by CW-Triggered Supercontinuum. IEEE Photonics Technology Letters, 2012, 24, 1886-1889.	2.5	11
124	High-power widely tunable all-fiber thulium-assisted optical parametric oscillator at SWIR band. Optics Letters, 2016, 41, 5258.	3.3	11
125	Ultrafast optical imaging at 20 μm through second-harmonic-generation-based time-stretch at 10 μm . Optics Letters, 2018, 43, 3822.	3.3	11
126	Gr $\frac{1}{4}$ neisen-relaxation photoacoustic microscopy at 1.7 μm and its application in lipid imaging. Optics Letters, 2020, 45, 3268.	3.3	11

#	ARTICLE	IF	CITATIONS
127	Fibre optical parametric amplifiers with circularly-polarised pumps. Electronics Letters, 2003, 39, 350.	1.0	10
128	All-optical wavelength conversion and multicasting by cross-gain modulation in a single-stage fiber optical parametric amplifier. , 2007, , .		10
129	Single-Longitudinal-Mode Brillouin/Erbium Fiber Laser With High Linewidth-Reduction Ratio. IEEE Photonics Technology Letters, 2014, 26, 2387-2390.	2.5	10
130	Self-healing highly-chirped fiber laser at 10 μ m. Optics Express, 2016, 24, 27577.	3.4	10
131	Compact and stable temporally magnified tomography using a phase-locked broadband source. Optics Letters, 2016, 41, 1562.	3.3	10
132	Dynamics of dissipative soliton molecules in a dual-wavelength ultrafast fiber laser. Optics Express, 0, , .	3.4	10
133	Gain bandwidth optimization in two-pump fiber optical parametric amplifiers under bounded zero-dispersion wavelength fluctuations. Optics Communications, 2007, 272, 514-520.	2.1	9
134	Ultrafast time-stretch imaging at 932 nm through a new highly-dispersive fiber. Biomedical Optics Express, 2016, 7, 5208.	2.9	9
135	Time-stretch microscopy on a DVD for high-throughput imaging cell-based assay. Biomedical Optics Express, 2017, 8, 640.	2.9	9
136	Broadband meta-converters for multiple Laguerre-Gaussian modes. Photonics Research, 2021, 9, 1689.	7.0	9
137	Simultaneous all-optical inverted and noninverted wavelength conversion using a single-stage fiber-optical parametric amplifier. IEEE Photonics Technology Letters, 2006, 18, 1442-1444.	2.5	8
138	All-Optical Packet Switching by Pulsed-Pump Wavelength Exchange in a Highly Nonlinear Dispersion-Shifted Fiber. , 2007, , .		8
139	Optically Powered WDM Signal Transmission System With Distributed Parametric Amplification. IEEE Photonics Technology Letters, 2010, 22, 1232-1234.	2.5	8
140	Temporal Stability and Spectral Accuracy Enhancement of the Spectro-Temporal Analyzer. IEEE Photonics Technology Letters, 2017, 29, 1971-1974.	2.5	8
141	Broadband dynamic spectrum characterization based on gating-assisted electro-optic time lens. Applied Physics Letters, 2019, 114, .	3.3	8
142	Resolution enhancement in an extended depth of field for volumetric two-photon microscopy. Optics Letters, 2020, 45, 3054.	3.3	8
143	A 160-Gb/s OTDM Demultiplexer Based on Parametric Wavelength Exchange. IEEE Journal of Quantum Electronics, 2009, 45, 1309-1316.	1.9	7
144	Frequency Swept Fiber Ring Laser Based on Optical Parametric Process With Single-Longitudinal-Mode Operation. IEEE Photonics Technology Letters, 2011, 23, 203-205.	2.5	7

#	ARTICLE	IF	CITATIONS
145	Photonic Ultrawideband Pulse Generation With HNL-DSF-Based Phase and Intensity Modulator. IEEE Photonics Technology Letters, 2011, 23, 396-398.	2.5	7
146	Multiwavelength Pulse Generation Using Fiber Optical Parametric Oscillator. IEEE Photonics Technology Letters, 2013, 25, 33-35.	2.5	7
147	Wavelength-encoded tomography based on optical temporal Fourier transform. Applied Physics Letters, 2014, 105, 091109.	3.3	7
148	Simultaneous dual-band optical coherence tomography for endoscopic applications. Journal of Biomedical Optics, 2014, 19, 126007.	2.6	7
149	Enhanced supercontinuum generation in the normal dispersion pumping regime by seeded dispersive wave emission and stimulated Raman scattering. Optics Communications, 2014, 325, 28-34.	2.1	7
150	Effect of the CW-Seed's Linewidth on the Seeded Generation of Supercontinuum. IEEE Journal of Selected Topics in Quantum Electronics, 2014, 20, 605-611.	2.9	7
151	1000-1400-nm partially mode-locked pulse from a simple all-fiber cavity. Optics Letters, 2015, 40, 3005.	3.3	7
152	Sensitivity enhancement in swept-source optical coherence tomography by parametric balanced detector and amplifier. Biomedical Optics Express, 2016, 7, 1294.	2.9	7
153	Real-time dynamics and cross-correlation gating spectroscopy of free-carrier Drude slow-light solitons. Light: Science and Applications, 2017, 6, e17008-e17008.	16.6	7
154	Parametric spectrotemporal analyzer based on four-wave mixing Bragg scattering. Optics Letters, 2018, 43, 1922.	3.3	7
155	Background-Free Volumetric Two-Photon Microscopy by Side-Lobes-Cancelled Bessel Beam. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-7.	2.9	7
156	Time-division-multiplexed observation bandwidth for ultrafast parametric spectro-temporal analyzer. Optics Express, 2019, 27, 30441.	3.4	7
157	Two-Wavelength Square-Waveform Generation Based on Fiber Optical Parametric Oscillator. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 3381-3386.	4.6	6
158	All-Optical Tunable Multitap Microwave Photonic Filter Enabled by Fiber Optical Parametric Amplifier. IEEE Photonics Technology Letters, 2014, 26, 893-895.	2.5	6
159	Pulsing Manipulation in a 1.55- μm Mode-Locked Fiber Laser by a 1- μm Optical Pattern. IEEE Photonics Technology Letters, 2015, 27, 1949-1952.	2.5	6
160	Large-Scale Surface Shape Sensing with Learning-Based Computational Mechanics. Advanced Intelligent Systems, 2021, 3, 2100089.	6.1	6
161	Comment on "Ghost cytometry". Science, 2019, 364, .	12.6	6
162	Pencil-beam scanning catheter for intracoronary optical coherence tomography. Opto-Electronic Advances, 2022, 5, 200050-200050.	13.3	6

#	ARTICLE	IF	CITATIONS
163	Wavelength Exchange Using Two Pumps in Anomalous Regime. , 2006, , .		5
164	A Comprehensive Study on the Dynamic Range of Wavelength Exchange and Its Impact on Exchanged Signal Performance. Journal of Lightwave Technology, 2009, 27, 2707-2716.	4.6	5
165	A Tunable S-Band Continuous-Wave Single-Longitudinal-Mode Fiber-Optical Parametric Oscillator. IEEE Photonics Technology Letters, 2011, 23, 1451-1453.	2.5	5
166	Modulation instability in a highly nonlinear fiber for discrete-time pulsed random bit generation. Optics Letters, 2015, 40, 2665.	3.3	5
167	Observing the spectral dynamics of a mode-locked laser with ultrafast parametric spectro-temporal analyzer. , 2015, , .		5
168	110-nm versatile fiber optical parametric amplifier at 10-nm. Optics Letters, 2015, 40, 4090.	3.3	5
169	Pulse-spacing manipulation in a passively mode-locked multipulse fiber laser. Optics Express, 2017, 25, 13215.	3.4	5
170	Short pulse generation from a passively mode-locked fiber optical parametric oscillator with optical time-stretch. Optics Express, 2018, 26, 9565.	3.4	5
171	Flexible pulse-stretching for a swept source at 20-nm using free-space angular-chirp-enhanced delay. Optics Letters, 2018, 43, 102.	3.3	5
172	Large-Temporal-Numerical-Aperture Parametric Spectro-Temporal Analyzer Based on Silicon Waveguide. IEEE Photonics Journal, 2019, 11, 1-10.	2.0	5
173	Temporal Imaging for Ultrafast Spectral-Temporal Optical Signal Processing and Characterization. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-13.	2.9	5
174	Ultrafast Microfluidic Cellular Imaging by Optical Time-Stretch. Methods in Molecular Biology, 2016, 1389, 23-45.	0.9	5
175	Fiber optical parametric oscillator based on highly nonlinear dispersion-shifted fiber. Frontiers of Optoelectronics, 2013, 6, 25-29.	3.7	4
176	890-nm-excited SHG and fluorescence imaging enabled by an all-fiber mode-locked laser. Optics Letters, 2022, 47, 2710.	3.3	4
177	Effect of Stimulated Raman Scattering and Optical Parametric Amplification on Wavelength Exchange. , 2006, , .		3
178	Curvature Domain Image Stitching. , 2006, , .		3
179	Feature Selection in Source Camera Identification. , 2006, , .		3
180	Suppression of WDM Signal Crosstalk in Fiber Optical Parametric Amplifier by using RZ-DPSK Modulation Format. , 2007, , .		3

#	ARTICLE	IF	CITATIONS
181	Versatile parametric wavelength exchange. , 2009, , .		3
182	Tri-band spectroscopic optical coherence tomography based on optical parametric amplification for lipid and vessel visualization. Journal of Biomedical Optics, 2015, 20, 126006.	2.6	3
183	Spectrally Encoded Confocal Microscopy at 1.9 μm . IEEE Photonics Technology Letters, 2016, 28, 201-204.	2.5	3
184	Microfluidic Imaging Flow Cytometry by Asymmetric-detection Time-stretch Optical Microscopy (ATOM). Journal of Visualized Experiments, 2017, , .	0.3	3
185	An Ultrafast Wideband Discretely Swept Fiber Laser. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-5.	2.9	3
186	Sensitivity-enhanced ultrafast optical tomography by parametric- and Raman-amplified temporal imaging. Optics Letters, 2018, 43, 5673.	3.3	3
187	Receiver sensitivity improvement for ON-OFF keying signal by using optical parametric amplifier and balanced detection. , 2008, , .		2
188	Letter to the Editor. Journal of Paediatrics and Child Health, 2009, 45, 767-769.	0.8	2
189	A simple 10-GHz picosecond pulse source based on fiber optical parametric oscillator. , 2009, , .		2
190	Tunable repetition rate multiplier based on fiber optical parametric oscillator. , 2010, , .		2
191	Distributed parametric amplifier for RZ-DPSK signal transmission system. Optics Express, 2012, 20, 19271.	3.4	2
192	Ultrafast spectral-domain optical coherence tomography realized by parametric spectro-temporal analyzer. , 2015, , .		2
193	Comparing single-incision versus standard laparoscopic gastrostomy in paediatric patients. Surgical Practice, 2017, 21, 23-27.	0.2	2
194	Ultrafast single-shot optical vector network analyzer based on coherent time-stretch. APL Photonics, 2020, 5, 106109.	5.7	2
195	Encrypted wide-field two-photon microscopy with single-pixel detection and compressed sensing. Applied Physics Express, 2020, 13, 032007.	2.4	2
196	Near-infrared double-illumination optical-resolution photoacoustic microscopy. Journal of Biophotonics, 2021, 14, e202000392.	2.3	2
197	Axially resolved volumetric two-photon microscopy with an extended field of view using depth localization under mirrored Airy beams. Optics Express, 2020, 28, 39563.	3.4	2
198	Power-Efficient Photonic BPSK Coded Ultrawideband Signal Generation. , 2011, , .		2

#	ARTICLE	IF	CITATIONS
199	Optical coherence tomography with balanced signal strength across the depth for pearl inspection. OSA Continuum, 2020, 3, 1739.	1.8	2
200	Polarization-independent parametric time magnifier based on four-wave mixing. Optics Letters, 2021, 46, 5627.	3.3	2
201	Simultaneous optical delay and NRZ-RZ format conversion via cross-polarization modulation and pulse pre-chirping. , 2008, , .		2
202	Widely-Tunable Continuous-Wave Single-Longitudinal-Mode Fiber Optical Parametric Oscillator. , 2011, , .		2
203	Temporally structured illumination for ultrafast time-stretch microscopy. Optics Letters, 2019, 44, 4634.	3.3	2
204	Two-photon microscopy with enhanced resolution and signal-to-background ratio using hollow Gaussian beam excitation. Optics Letters, 2022, 47, 2048.	3.3	2
205	Image Mosaicking with Optimized Matching of Global and Local Contents. , 2006, , .		1
206	Tunable Repetition-rate Ultrawideband Monocycle Pulse Generation by using Optical Parametric Amplifier. , 2007, , .		1
207	Optical Pulse Generation using Two-Stage Compression based on Optical Parametric Amplifier. , 2007, , .		1
208	Reduction of nonlinear crosstalk in fiber OPAs. , 2008, , .		1
209	Enhancement of tunable range of wavelength exchange by unequal pump power scheme. , 2008, , .		1
210	The impact of dispersion fluctuation on the optimization of Parametric wavelength exchange. , 2009, , .		1
211	A novel pre-amplifier based on a fiber optical parametric amplifier. , 2009, , .		1
212	A novel GaN photonic crystal structure comprising nanopillars with inclined sidewalls. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, S639-S642.	0.8	1
213	Experimental demonstration of fiber optical parametric chirped-pulse amplification. Proceedings of SPIE, 2010, , .	0.8	1
214	160-Gb/s Polarization-Insensitive Demultiplexer Based on a Fiber-Optical Parametric Amplifier. IEEE Photonics Technology Letters, 2011, 23, 402-404.	2.5	1
215	Dispersive Fourier transform using few-mode fibers for real-time and high-speed spectroscopy. Proceedings of SPIE, 2012, , .	0.8	1
216	Effect of the CW-seed's linewidth on the seeded generation of supercontinuum. , 2013, , .		1

#	ARTICLE	IF	CITATIONS
217	Optical time-stretch imaging flow cytometry of phytoplankton. , 2015, , .		1
218	A rigorous analysis of the intermodal delay in few-mode fibers. Indian Journal of Physics, 2017, 91, 1609-1614.	1.8	1
219	Optical receiver sensitivity enhancement by single- and dual-band fiber optical parametric amplifier. Optics Express, 2017, 25, 27785.	3.4	1
220	Point-spread function manipulation of the swept-source optical coherence tomography through temporal phase modulation. Optics Express, 2018, 26, 7270.	3.4	1
221	Ultra-broadband spatiotemporal sweeping device for high-speed optical imaging. Optics Letters, 2018, 43, 3546.	3.3	1
222	Multi-Tap Photonic Microwave Filter Based on Two-Pump Fiber Optical Parametric Amplifier. , 2009, , .		1
223	160-Gb/s OTDM De-multiplexing Based on a Pulsed-Pump Parametric Wavelength Exchange. , 2009, , .		1
224	Dual-comb spectrally encoded confocal microscopy. , 2018, , .		1
225	Dual-comb optical coherence tomography. , 2018, , .		1
226	All-fiber thulium-doped fiber laser (TDFL) for volumetric photoacoustic microscopy of lipids. , 2020, , .		1
227	Self-synchronized two-color fiber laser system for stimulated Raman scattering microscopy in cell-silent regime. , 2021, , .		1
228	Polarization-interleaved WDM signals in a fiber optical parametric amplifier with orthogonal pumps. , 2006, , .		0
229	Wavelength Exchange with Enhanced Extinction Ratio in Highly Nonlinear Dispersion-Shifted Fiber. , 2007, , .		0
230	Wavelength exchange with enhanced extinction ratio in highly nonlinear dispersion-shifted fiber. , 2007, , .		0
231	Tunable repetition-rate ultrawideband monocycle pulse generation by using optical parametric amplifier. , 2007, , .		0
232	All-optical differentiator based on cross-gain modulation in optical parametric amplifier. , 2008, , .		0
233	80-Cbps to 10-Cbps OTDM de-multiplexer based on wavelength exchange in highly-nonlinear fibre. , 2008, , .		0
234	Ultrawideband doublet pulse generation using optical parametric amplifier. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
235	All-optical signal regeneration using optical parametric amplifier. , 2008, , .		0
236	Low threshold, dual-cavity continuous-wave fiber optical parametric oscillator. , 2009, , .		0
237	A novel pre-amplifier for WDM systems based on a fiber optical parametric amplifier. , 2009, , .		0
238	Nanosecond optical parametric oscillator based On highly-nonlinear dispersion-shifted fiber. , 2009, , .		0
239	Wide-band generation of pico-second pulse via idler generation in optical parametric amplifier. , 2009, , .		0
240	Second-Order Effects in Fiber Optical Parametric Amplifier. , 2009, , .		0
241	Optically powered WDM signal transmission system with distributed parametric amplification. , 2010, , .		0
242	Fourier domain mode locking laser based on two-pump optical parametric amplification. , 2010, , .		0
243	Characteristics of supercontinuum generation under the influence of a weak continuous-wave trigger. , 2011, , .		0
244	Demonstration of minute continuous-wave triggered supercontinuum generation at 1 μ m for high-speed biophotonic applications. Proceedings of SPIE, 2012, , .	0.8	0
245	Optical time-stretch microscopy using few-mode fibers. , 2012, , .		0
246	Quad-Wavelength Fiber Optical Parametric Oscillator With Equally Distributed Dispersion. IEEE Photonics Technology Letters, 2013, 25, 940-943.	2.5	0
247	Shot-to-shot spectrally-resolved characterization of continuous-wave-triggered supercontinuum near 1 μ m. , 2013, , .		0
248	40-GHz S-Band and L-Band Dual-Wavelength Pulse Source Using Fiber Optical Parametric Oscillator. IEEE Photonics Technology Letters, 2013, 25, 1258-1261.	2.5	0
249	High-throughput intrinsic single-cell phenotyping by quantitative asymmetric-detection time-stretch optical microscopy (Q-ATOM). , 2015, , .		0
250	Chromatic dispersion-free transmission using time-reversal optical parametric amplifier. Electronics Letters, 2015, 51, 347-349.	1.0	0
251	High-throughput time-stretch imaging cellular assay based on a high-speed spinning platform. , 2016, , .		0
252	Real-time characterization of spectral coherence of ultrafast laser based on optical time-stretch. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
253	Observation of dissipative Kerr soliton evolution with panoramic-reconstruction temporal imaging (PARTI). , 2017, , .		0
254	Pulse-spacing manipulation in a passively mode-locked fiber laser. , 2017, , .		0
255	High-throughput single-cell second harmonic generation imaging in ultrafast microfluidic flow. , 2017, , .		0
256	Ultrafast Green-Light Swept-Source Imaging Through Advanced Fiber-Optic Technologies. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-5.	2.9	0
257	Wavelength-swept source at 2.0 μm through second harmonic generation. , 2018, , .		0
258	Label-Free Phytoplankton Analysis by High-Throughput Quantitative Phase Imaging Cytometry and Machine Learning. , 2019, , .		0
259	High Energy Dissipative Soliton Resonance in a Thulium-Doped Fiber Laser at 1750 nm. , 2019, , .		0
260	High-Contrast Coherent Raman Scattering Imaging using a Self-Synchronized Dual-Color Fiber Laser. , 2019, , .		0
261	Cloaking nanosecond events at any time. Frontiers of Optoelectronics, 2020, 13, 188-189.	3.7	0
262	High-throughput Multimodal FACED Imaging Flow Cytometry. , 2021, , .		0
263	Red Blood Cell Storage Monitoring by High-throughput Single-bell Image-based Biophysical Profiling. , 2021, , .		0
264	Photonic Generation of Square Waveform Based on Fiber Optical Parametric Oscillator. , 2010, , .		0
265	Picosecond Fiber Optical Parametric Oscillator with 500 nm Tuning Range Using Dispersion-Shifted Fiber. , 2010, , .		0
266	Fast Swept-Source Generation Based on Fiber Optical Parametric Amplifier. , 2011, , .		0
267	A minute-continuous-wave-stabilized picosecond supercontinuum source for ultrafast serial time-encoded amplified microscopy (STEAM). , 2011, , .		0
268	Wide-band error-free wavelength conversion based on continuous-wave-triggered supercontinuum. , 2012, , .		0
269	Ultrafast optical tomography using Raman-assisted temporal magnification. , 2018, , .		0
270	Versatile laser and optical amplifier for ultrafast imaging. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
271	Temporal structured illumination time-stretch microscopy. , 2019, , .		0
272	Resolving the temporal structure of noise-like pulse using a synchronized time magnifier. , 2019, , .		0
273	1.7- μ m high-power laser generation from a thulium-assisted optical parametric oscillator (TAOPO) for bond-selective photoacoustic microscopy. , 2019, , .		0
274	Two-photon microscopy using hollow Gaussian beam. , 2020, , .		0
275	Scattering resilient single pixel imaging with a gain-switched thulium-doped fiber laser. , 2020, , .		0
276	Single-cell Fourier-transform light scattering analysis by high-throughput label-free imaging flow cytometry. , 2020, , .		0
277	Volumetric two-photon microscopy with expanded field of view using dual Airy beam. , 2020, , .		0
278	Broadband thulium-assisted optical parametric chirped-pulse amplifier (TAOPCPA) for spectrally encoded microscopy at 2 μ m. , 2020, , .		0
279	3D reconstruction for volumetric two-photon microscopy using dual Airy beam. , 2020, , .		0
280	Multimodal FACED imaging flow cytometry for correlative single-cell morphological analysis. , 2021, , .		0
281	Large-scale optical pulling of cancer cells with counter-propagating beams in the near-infrared-II window. , 2021, , .		0
282	Deconvolution of Non-diffracting Beam Based Confocal Two-photon Microscopy. , 2021, , .		0
283	Quantized spiral phase modulation based deep learning for real-time defocusing distance prediction. Optics Express, 0, , .	3.4	0