

Zheng Zheng

List of Publications by Year in descending order

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papers

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117453

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docs citations

267
times ranked

3140
citing authors

#	ARTICLE	IF	CITATIONS
1	2D Black Phosphorus Saturable Absorbers for Ultrafast Photonics. <i>Advanced Optical Materials</i> , 2019, 7, 1800224.	3.6	235
2	Switchable, dual-wavelength passively mode-locked ultrafast fiber laser based on a single-wall carbon nanotube modelocker and intracavity loss tuning. <i>Optics Express</i> , 2011, 19, 1168.	1.7	226
3	Picometer-resolution dual-comb spectroscopy with a free-running fiber laser. <i>Optics Express</i> , 2016, 24, 21833.	1.7	195
4	Yb- and Er-doped fiber laser Q-switched with an optically uniform, broadband WS2 saturable absorber. <i>Scientific Reports</i> , 2015, 5, 17482.	1.6	184
5	Symmetric hybrid surface plasmon polariton waveguides for 3D photonic integration. <i>Optics Express</i> , 2009, 17, 21320.	1.7	149
6	Phosphorene quantum dot saturable absorbers for ultrafast fiber lasers. <i>Scientific Reports</i> , 2017, 7, 42357.	1.6	143
7	MXene-based saturable absorber for femtosecond mode-locked fiber lasers. <i>Optics Express</i> , 2019, 27, 10159.	1.7	120
8	102 fs pulse generation from a long-term stable, inkjet-printed black phosphorus-mode-locked fiber laser. <i>Optics Express</i> , 2018, 26, 12506.	1.7	104
9	Hybrid wedge plasmon polariton waveguide with good fabrication-error-tolerance for ultra-deep-subwavelength mode confinement. <i>Optics Express</i> , 2011, 19, 22417.	1.7	103
10	MZI-Based All-Optical Modulator Using MXene Ti_3C_2Tx ($T = Tj$) $E_{TQ} = 0.00$ $rgBT / Over$	3.6	87
11	Polarization-multiplexed, dual-comb all-fiber mode-locked laser. <i>Photonics Research</i> , 2018, 6, 853.	3.4	83
12	Fast, long-scan-range pump-probe measurement based on asynchronous sampling using a dual-wavelength mode-locked fiber laser. <i>Optics Express</i> , 2012, 20, 25584.	1.7	80
13	Stable and Sensitive Silver Surface Plasmon Resonance Imaging Sensor Using Trilayered Metallic Structures. <i>Analytical Chemistry</i> , 2014, 86, 1430-1436.	3.2	73
14	Nearly three orders of magnitude enhancement of Goos-Hanchen shift by exciting Bloch surface wave. <i>Optics Express</i> , 2012, 20, 8998.	1.7	71
15	Ultrafast optical thresholding based on two-photon absorption GaAs waveguide photodetectors. <i>IEEE Photonics Technology Letters</i> , 1997, 9, 493-495.	1.3	66
16	Dual-Wavelength, Bidirectional Single-Wall Carbon Nanotube Mode-Locked Fiber Laser. <i>IEEE Photonics Technology Letters</i> , 2014, 26, 1722-1725.	1.3	66
17	High-sensitivity sensing based on intensity-interrogated Bloch surface wave sensors. <i>Sensors and Actuators B: Chemical</i> , 2014, 193, 467-471.	4.0	62
18	Ti_2 -based saturable absorber for ultrafast fiber lasers. <i>Photonics Research</i> , 2018, 6, C44.	3.4	58

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19	Femtosecond second-harmonic generation in periodically poled lithium niobate waveguides with simultaneous strong pump depletion and group-velocity walk-off. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2002, 19, 839.	0.9	55
20	Coplanar Plasmonic Nanolasers Based on Edge-Coupled Hybrid Plasmonic Waveguides. <i>IEEE Photonics Technology Letters</i> , 2011, 23, 884-886.	1.3	54
21	Spectral phase correlation of coded femtosecond pulses by second-harmonic generation in thick nonlinear crystals. <i>Optics Letters</i> , 2000, 25, 984.	1.7	52
22	Dispersion characteristics of SOI-based slot optical waveguides. <i>Optics Communications</i> , 2008, 281, 5151-5155.	1.0	51
23	Ultrahigh Birefringent Photonic Crystal Fiber With Ultralow Confinement Loss Using Four Airholes in the Core. <i>Journal of Lightwave Technology</i> , 2009, 27, 3175-3180.	2.7	50
24	Measurement of absolute frequency of continuous-wave terahertz radiation in real time using a free-running, dual-wavelength mode-locked, erbium-doped fibre laser. <i>Scientific Reports</i> , 2017, 7, 42082.	1.6	50
25	Asynchronous and synchronous dual-wavelength pulse generation in a passively mode-locked fiber laser with a mode-locker. <i>Optics Letters</i> , 2017, 42, 4942.	1.7	50
26	Dielectric-loaded surface plasmon polariton waveguide with a holey ridge for propagation-loss reduction and subwavelength mode confinement. <i>Optics Express</i> , 2010, 18, 23756.	1.7	47
27	Plain Silver Surface Plasmon Resonance for Microarray Application. <i>Analytical Chemistry</i> , 2015, 87, 1466-1469.	3.2	45
28	Unidirectional, dual-comb lasing under multiple pulse formation mechanisms in a passively mode-locked fiber ring laser. <i>Optics Express</i> , 2016, 24, 21392.	1.7	44
29	Dual-comb spectroscopy of methane based on a free-running Erbium-doped fiber laser. <i>Optics Express</i> , 2019, 27, 11406.	1.7	43
30	Coherent control of second harmonic generation using spectrally phase coded femtosecond waveforms. <i>Chemical Physics</i> , 2001, 267, 161-171.	0.9	39
31	Dual terahertz comb spectroscopy with a single free-running fibre laser. <i>Scientific Reports</i> , 2018, 8, 11155.	1.6	39
32	All-Optical Control of Microfiber Knot Resonator Based on 2D Ti ₂ CT _x /MXene. <i>Advanced Optical Materials</i> , 2020, 8, 1900977.	3.6	39
33	All-optical regeneration of DQPSK/QPSK signals based on phase-sensitive amplification. <i>Optics Communications</i> , 2008, 281, 2755-2759.	1.0	38
34	Adaptive-sampling near-Doppler-limited terahertz dual-comb spectroscopy with a free-running single-cavity fiber laser. <i>Advanced Photonics</i> , 2020, 2, 1.	6.2	38
35	Dual-wavelength passively Q-switched Erbium doped fiber laser based on an SWNT saturable absorber. <i>Optics Communications</i> , 2013, 294, 267-270.	1.0	37
36	Wideband saturable absorption in metal-organic frameworks (MOFs) for mode-locking Er- and Tm-doped fiber lasers. <i>Nanoscale</i> , 2020, 12, 4586-4590.	2.8	36

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37	Bandwidth study of volume holography in photorefractive InP:Fe for femtosecond pulse readout at 15 μm . Journal of the Optical Society of America B: Optical Physics, 1998, 15, 2763.	0.9	35
38	Fiber-to-Fiber Optical Switching Based on Gigantic Bloch-Surface-Wave-Induced Goos-Hanchen Shifts. IEEE Photonics Journal, 2013, 5, 7200107-7200107.	1.0	34
39	Guiding of Long-Range Hybrid Plasmon Polariton in a Coupled Nanowire Array at Deep-Subwavelength Scale. IEEE Photonics Technology Letters, 2012, 24, 1279-1281.	1.3	33
40	Dielectrics Covered Metal Nanowires and Nanotubes for Low-Loss Guiding of Subwavelength Plasmonic Modes. Journal of Lightwave Technology, 2013, 31, 1973-1979.	2.7	30
41	Highly efficient second harmonic generation in hyperbolic metamaterial slot waveguides with large phase matching tolerance. Optics Express, 2015, 23, 6370.	1.7	30
42	Dual-Comb Absolute Distance Measurement Based on a Dual-Wavelength Passively Mode-Locked Laser. IEEE Photonics Journal, 2017, 9, 1-8.	1.0	30
43	MXene-based high-performance all-optical modulators for actively Q-switched pulse generation. Photonics Research, 2020, 8, 1140.	3.4	30
44	Spectral interferometric measurement of wavelength-dependent phase response for surface plasmon resonance sensors. Applied Optics, 2009, 48, 2491.	2.1	29
45	Widely-pulsewidth-tunable ultrashort pulse generation from a birefringent carbon nanotube mode-locked fiber laser. Optics Express, 2014, 22, 21012.	1.7	29
46	Graphene surface plasmon waveguides incorporating high-index dielectric ridges for single mode transmission. Optics Communications, 2014, 328, 124-128.	1.0	27
47	Direct experimental observation of giant Goos-Hanchen shifts from bandgap-enhanced total internal reflection. Optics Letters, 2011, 36, 3539.	1.7	24
48	Ultra-broadband microwave frequency down-conversion based on optical frequency comb. Optics Express, 2015, 23, 17111.	1.7	24
49	High-sensitivity Goos-Hanchen shift sensing based on Bloch surface wave. Sensors and Actuators A: Physical, 2018, 276, 62-67.	2.0	24
50	Generation and observation of ultrafast spectro-temporal dynamics of different pulsating solitons from a fiber laser. Optics Express, 2020, 28, 14127.	1.7	23
51	Highly Confined Hybrid Plasmonic Modes Guided by Nanowire-Embedded-Metal Grooves for Low-Loss Propagation at 1550 nm. IEEE Journal of Selected Topics in Quantum Electronics, 2013, 19, 4800106-4800106.	1.9	22
52	20-fs pulse shaping with a 512-element phase-only liquid crystal modulator. IEEE Journal of Selected Topics in Quantum Electronics, 2001, 7, 718-727.	1.9	21
53	Waveguide coupled surface plasmon resonance imaging measurement and high-throughput analysis of bio-interaction. Sensors and Actuators B: Chemical, 2013, 181, 652-660.	4.0	21
54	Environmentally stable black phosphorus saturable absorber for ultrafast laser. Nanophotonics, 2020, 9, 2445-2449.	2.9	21

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55	Low-power spectral phase correlator using periodically poled LiNbO ₃ waveguides. IEEE Photonics Technology Letters, 2001, 13, 376-378.	1.3	19
56	Propagation-dependent beam profile distortion associated with the Goos-Hanchen shift. Optics Express, 2009, 17, 21313.	1.7	19
57	Dynamically modulated intensity interrogation scheme using waveguide coupled surface plasmon resonance sensors. Sensors and Actuators A: Physical, 2010, 157, 9-14.	2.0	19
58	Dead-band-free, high-resolution microwave frequency measurement using a free-running triple-comb fiber laser. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-8.	1.9	19
59	Hybrid differential interrogation method for sensitive surface plasmon resonance measurement enabled by electro-optically tunable SPR sensors. Optics Express, 2009, 17, 4468.	1.7	18
60	Hybrid plasmon waveguide leveraging Bloch surface polaritons for sub-wavelength confinement. Science China Technological Sciences, 2013, 56, 567-572.	2.0	18
61	Self-referenced sensing based on a waveguide-coupled surface plasmon resonance structure for background-free detection. Sensors and Actuators B: Chemical, 2012, 162, 35-42.	4.0	17
62	A tunable optical frequency comb generator using a single dual parallel Mach-Zehnder modulator. Optics and Laser Technology, 2015, 72, 74-78.	2.2	17
63	SPRI determination of inter-peptide interaction by using 3D supramolecular co-assembly polyrotaxane film. Biosensors and Bioelectronics, 2015, 66, 338-344.	5.3	17
64	Tri-Comb and Quad-Comb Generation Based on a Multi-Dimensional Multiplexed Mode-Locked Laser. Journal of Lightwave Technology, 2019, 37, 5178-5184.	2.7	17
65	Broad bandwidth dual-wavelength fiber laser simultaneously delivering stretched pulse and dissipative soliton. Optics Express, 2020, 28, 6937.	1.7	17
66	Design and analysis of a nanostructure grating based on a hybrid plasmonic slot waveguide. Journal of Optics (United Kingdom), 2011, 13, 105001.	1.0	16
67	Study on Multiplexing Ability of Identical Fiber Bragg Gratings in a Single Fiber. Chinese Journal of Aeronautics, 2011, 24, 607-612.	2.8	16
68	Low-loss silicon-based hybrid plasmonic waveguide with an air nanotrench for sub-wavelength mode confinement. Micro and Nano Letters, 2011, 6, 643.	0.6	16
69	Power-efficient generation of two-octave mid-IR frequency combs in a germanium microresonator. Nanophotonics, 2018, 7, 1461-1467.	2.9	16
70	Dynamic Quasi-Distributed Ultraweak Fiber Bragg Grating Array Sensing Enabled by Depth-Resolved Dual-Comb Spectroscopy. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 5821-5827.	2.4	16
71	Hybrid plasmonic waveguide incorporating an additional semiconductor stripe for enhanced optical confinement in the gap region. Journal of Optics (United Kingdom), 2013, 15, 035503.	1.0	15
72	Nanowire based hybrid plasmonic structures for low-threshold lasing at the subwavelength scale. Optics Communications, 2013, 287, 245-249.	1.0	15

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73	Hybrid plasmon polariton guiding with tight mode confinement in a V-shaped metal/dielectric groove. <i>Journal of Optics (United Kingdom)</i> , 2013, 15, 055011.	1.0	15
74	Experimental observation of the propagation-dependent beam profile distortion and Goos-Hänchen shift under the surface plasmon resonance condition. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2011, 28, 314.	0.9	14
75	Optical frequency comb generation based on electro-optical modulation with high-order harmonic of a sine RF signal. <i>Optics Communications</i> , 2013, 291, 269-273.	1.0	14
76	Timing Jitter of the Dual-Comb Mode-Locked Laser: A Quantum Origin and the Ultimate Effect on High-Speed Time- and Frequency-Domain Metrology. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2018, 24, 1-10.	1.9	14
77	Ultrafast two-photon absorption optical thresholding of spectrally coded pulses. <i>Optics Communications</i> , 1999, 167, 225-233.	1.0	13
78	Highly Sensitive, Bloch Surface Wave D-Type Fiber Sensor. <i>IEEE Sensors Journal</i> , 2016, 16, 1200-1204.	2.4	13
79	Dual-Comb Dynamic Interrogation of Fiber Bragg Grating With One Mode-Locked Fiber Laser. <i>IEEE Sensors Journal</i> , 2018, 18, 6621-6626.	2.4	13
80	Improved Performance of M-ary PPM Free-Space Optical Communication Systems in Atmospheric Turbulence due to Forward Error Correction. , 2006, , .		12
81	Ultra-wideband single-polarization single-mode, high nonlinearity photonic crystal fiber. <i>Optics Communications</i> , 2009, 282, 3266-3269.	1.0	12
82	T-shaped dielectric slot waveguides for efficient control of birefringence and polarization independent directional coupling. <i>Optics Communications</i> , 2012, 285, 5118-5121.	1.0	12
83	Optimizing loss of the dielectric stack for Bloch-surface-wave sensors under different interrogation schemes. <i>Journal of Modern Optics</i> , 2017, 64, 407-412.	0.6	12
84	Sub-150 fs dispersion-managed soliton generation from an all-fiber Tm-doped laser with BP-SA. <i>Optics Express</i> , 2020, 28, 34104.	1.7	12
85	Gas Raman sensing with multi-opened-up suspended core fiber. <i>Applied Optics</i> , 2011, 50, 6026.	2.1	11
86	The un-symmetric hybridization of graphene surface plasmons incorporating graphene sheets and nano-ribbons. <i>Applied Physics Letters</i> , 2013, 103, .	1.5	11
87	Effect of Excitation Beam Divergence on the Goos-Hänchen Shift Enhanced by Bloch Surface Waves. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 40.	1.3	11
88	High-Sensitivity Electro-Optic-Modulated Surface Plasmon Resonance Measurement Using Multilayer Waveguide-Coupled Surface Plasmon Resonance Sensors. <i>Sensor Letters</i> , 2010, 8, 370-374.	0.4	11
89	Photonic Generation of Highly-Linear Ultra-Wideband Stepped-Frequency Microwave Signals With Up to 6×10^6 Time-Bandwidth Product. <i>Journal of Lightwave Technology</i> , 2022, 40, 1036-1042.	2.7	11
90	Enhanced FEC OSNR gains in dispersion-uncompensated 10.7-Gb/s duobinary transmission over 200-km SSMF. <i>IEEE Photonics Technology Letters</i> , 2003, 15, 1162-1164.	1.3	10

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91	Gain enhancement in a V-shaped plasmonic slot waveguide for efficient loss compensation at the subwavelength scale. <i>Optics Communications</i> , 2013, 294, 414-419.	1.0	10
92	Fiber-optic SERS microfluidic chip based on light-induced gold nano-particle aggregation. <i>Optics Communications</i> , 2015, 352, 148-154.	1.0	10
93	Multipass-assisted dual-comb gas sensor for multi-species detection using a free-running fiber laser. <i>Applied Physics B: Lasers and Optics</i> , 2020, 126, 1.	1.1	10
94	An accurate and precise polynomial model of angular interrogation surface plasmon resonance data. <i>Sensors and Actuators B: Chemical</i> , 2011, 151, 309-319.	4.0	9
95	Nanoscale light guiding in a silicon-based hybrid plasmonic waveguide that incorporates an inverse metal ridge. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2013, 210, 1424-1428.	0.8	9
96	Compact dual-fiber surface-enhanced Raman scattering sensor with monolayer gold nanoparticles self-assembled on optical fiber. <i>Applied Optics</i> , 2018, 57, 7931.	0.9	9
97	Meridian whispering gallery modes sensing in a sessile microdroplet on micro/nanostructured superhydrophobic chip surfaces. <i>Microfluidics and Nanofluidics</i> , 2019, 23, 1.	1.0	9
98	Improved polarization-mode-dispersion tolerance in duobinary transmission. <i>IEEE Photonics Technology Letters</i> , 2003, 15, 1005-1007.	1.3	8
99	Transmission performance of a low-loss metal-insulator-semiconductor plasmonic phase-shift Bragg grating. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2012, 209, 1552-1556.	0.8	8
100	A flexible waveforms generator based on a single dual-parallel Mach-Zehnder modulator. <i>Optics Communications</i> , 2015, 334, 31-34.	1.0	8
101	Polarimetric-Phase-Enhanced Intensity Interrogation Scheme for Surface Wave Optical Sensors with Low Optical Loss. <i>Sensors</i> , 2018, 18, 3262.	2.1	8
102	A Tunable Optical Bragg Grating Filter Based on the Droplet Sagging Effect on a Superhydrophobic Nanopillar Array. <i>Sensors</i> , 2019, 19, 3324.	2.1	8
103	Dual-comb Spectroscopy for Laminar Premixed Flames with a Free-running Fiber Laser. <i>Combustion Science and Technology</i> , 2022, 194, 2523-2538.	1.2	8
104	Fiber-based all-optical modulation based on two-dimensional materials. <i>2D Materials</i> , 2021, 8, 012003.	2.0	8
105	20-fs pulse shaping with a 512-element phase only liquid crystal modulator. <i>Springer Series in Chemical Physics</i> , 2001, , 177-179.	0.2	8
106	Polarization multiplexed, dual-frequency ultrashort pulse generation by a birefringent mode-locked fiber laser. , 2014, , .		8
107	Bloch-Surface-Polariton-Based Hybrid Nanowire Structure for Subwavelength, Low-Loss Waveguiding. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 358.	1.3	7
108	High-resolution absolute distance measurement using a dual-wavelength, dual-comb, femtosecond fiber laser. , 2012, , .		7

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109	Absolute distance measurement with a long ambiguity range using a tri-comb mode-locked fiber laser. , 2019, , .		7
110	Sensitive voltage interrogation method using electro-optically tunable SPR sensors. Optics Express, 2011, 19, 26651.	1.7	6
111	Modal properties of triangular metal groove/wedge based hybrid plasmonic structures for laser actions at deep-subwavelength scale. Optics Communications, 2013, 297, 102-108.	1.0	6
112	Silicon-Slot-Mediated Guiding of Plasmonic Modes: The Realization of Subwavelength Optical Confinement With Low Propagation Loss. IEEE Journal of Selected Topics in Quantum Electronics, 2014, 20, 181-188.	1.9	6
113	Multiwavelength, subpicosecond pulse generation from a SWNT-SA mode-locked ring birefringent fiber laser. , 2015, , .		6
114	Polarization-Modulated, Goos-Hanchen Shift Sensing for Common Mode Drift Suppression. Sensors, 2019, 19, 2088.	2.1	6
115	Adaptive optical beam steering and tuning system based on electrowetting driven fluidic rotor. Communications Physics, 2020, 3, .	2.0	6
116	Coherent asynchronous sampling distance measurement using a single polarization-multiplexed ultrafast laser. , 2014, , .		6
117	Nonlinear detection of spectrally coded ultrashort pulse by two-photon absorption GaAs waveguide photodetectors. , 1998, , .		5
118	Highly-sensitive, Bloch-surface-wave Induced Giant Goos-Hanchen Shift Sensing. , 2012, , .		5
119	A novel refractive index detection method in voltage scanning surface plasmon resonance system. Sensors and Actuators B: Chemical, 2012, 169, 393-396.	4.0	5
120	Hybrid plasmonic structures based on CdS nanotubes: a novel route to low-threshold lasing on the nanoscale. Journal Physics D: Applied Physics, 2012, 45, 505105.	1.3	5
121	Low-loss metal-insulator-semiconductor waveguide with an air core for on-chip integration. Optics Communications, 2012, 285, 3604-3607.	1.0	5
122	Generation of optical frequency combs based on time-to-frequency conversion. IET Optoelectronics, 2014, 8, 149-153.	1.8	5
123	Dynamic spectroscopic characterization for fast spectral variations based on dual asynchronous undersampling with triple optical frequency combs. Optics and Lasers in Engineering, 2022, 156, 107077.	2.0	5
124	Performance Study of 40-Gb/s RZ Signals Through Cascaded Thin-Film Filters with Large Dispersion Slope. Optics Express, 2005, 13, 2176.	1.7	4
125	Light confinement in low contrast slot waveguide structures investigated. , 2008, , .		4
126	Performance improvement of a coherent optical fiber communication system with the phase estimation algorithm. Optoelectronics Letters, 2010, 6, 51-53.	0.4	4

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127	A Sinusoidal-Hyperbolic Family of Transforms With Potential Applications in Compressive Sensing. IEEE Transactions on Image Processing, 2019, 28, 3571-3583.	6.0	4
128	Single-pixel compressive imaging based on random DoG filtering. Signal Processing, 2021, 178, 107746.	2.1	4
129	Spectral phase correlator for coded waveform recognition using second harmonic generation. Springer Series in Chemical Physics, 2001, , 159-161.	0.2	4
130	Improved broadband dispersion engineering in coupled silicon nitride waveguides with a partially etched gap. Applied Optics, 2019, 58, 8007.	0.9	4
131	Coherent Dual-Comb Mode-locked Fiber Laser based on a Birefringent Ring Cavity. , 2015, , .		4
132	High-resolution, dual-comb spectroscopy enabled by a polarization-multiplexed, dual-comb femtosecond fiber laser. , 2016, , .		4
133	Two-dimensional material as a saturable absorber for mid-infrared ultrafast fiber laser. Wuli Xuebao/Acta Physica Sinica, 2020, 69, 188101.	0.2	4
134	Four-wave mixing in graphdiyne-microfiber based on synchronized dual-wavelength pulses. Photonics Research, 2022, 10, 503.	3.4	4
135	A novel waveform recovery technique for an active optical pulse replicator for pulse measurement. , 2005, 6021, 120.		3
136	Scheme for differential quadrature phase-shift keying/quadrature phase-shift keying signal all-optical regeneration based on phase-sensitive amplification. IET Optoelectronics, 2009, 3, 158-162.	1.8	3
137	A quantitative evaluation model of denoising methods for surface plasmon resonance imaging signal. Sensors and Actuators B: Chemical, 2011, 160, 951-956.	4.0	3
138	Fluidic sensor based on the side-opened and suspended dual-core fiber. Applied Optics, 2012, 51, 3096.	0.9	3
139	Metal-coated hollow nanowires for low-loss transportation of plasmonic modes with nanoscale mode confinement. Journal of Optics (United Kingdom), 2012, 14, 095501.	1.0	3
140	Experimental comparison of characteristics of magnetic-field-enhanced InAs and InSb Dember terahertz emitters pumped at 1550 nm wavelength. Journal of Optics (United Kingdom), 2012, 14, 045204.	1.0	3
141	Self-starting, turn-key dual-comb mode-locked fiber laser with a few-mode fiber filter. , 2017, , .		3
142	Real-time absolute frequency measurement of continuous-wave terahertz radiation using a free-running, dual-wavelength, dual-comb mode-locked fiber laser. , 2016, , .		3
143	Low-power consumption dual-comb spectroscopy based on a battery-powered, free-running dual-comb laser system. , 2017, , .		3
144	Analysis of improved performance for a satellite-to-ground coherent optical communication system with DQPSK modulation due to phase estimation. , 2010, , .		3

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145	Dual-comb-assisted real-time microwave frequency measurement with a single mode-locked fiber laser. , 2016, , .		3
146	Dead-band-free, real-time high-resolution microwave frequency measurement with a multi-comb laser. , 2017, , .		3
147	Sampling-phase optimised duobinary receiver enabling improved dispersion tolerance. Electronics Letters, 2005, 41, 1024.	0.5	2
148	Suspended core fiber integrated microfluidic chip for surface plasmon resonance enhanced biosensing. , 2011, , .		2
149	Slot Optical Waveguide Usage in Forming Passive Optical Devices. Recent Patents on Nanotechnology, 2012, 6, 73-77.	0.7	2
150	Gain-assisted light guiding at the subwavelength scale in a hybrid dielectric-loaded surface plasmon polariton waveguide based on a metal nanorod. Journal Physics D: Applied Physics, 2013, 46, 335102.	1.3	2
151	Fast, asynchronous sampling distance ranging using an SOA gate and a dual-wavelength mode-locked fiber laser. , 2013, , .		2
152	Delay-SRLG constrained, backup-shared path protection in WDM networks with sleep scheduling. Computer Communications, 2013, 36, 211-222.	3.1	2
153	Low-loss graphene plasmonic waveguide based on a high-index dielectric wedge for tight optical confinement. , 2013, , .		2
154	Optimal Band Analysis of a Space-Based Multispectral Sensor for Urban Air Pollutant Detection. Atmosphere, 2019, 10, 631.	1.0	2
155	Polarization-multiplexed, synchronous ultrashort pulse generation from a linear-cavity fiber laser with a polarization-rotation loop mirror. Optik, 2020, 224, 165647.	1.4	2
156	Self-referenced distribution of millimeter waves over 10km optical fiber with high frequency stability. Optics Letters, 2021, 46, 3949.	1.7	2
157	Generation of Tunable Optical Frequency Combs with a High Side Mode Suppression Ratio. , 2014, , .		2
158	Picometer-resolution, dual-comb spectroscopy based on a dual-wavelength mode-locked fiber laser. , 2016, , .		2
159	Asynchronous and synchronous dual-wavelength pulse generation in a non-zero-dispersion fiber laser. , 2017, , .		2
160	Terahertz dual-comb spectroscopy with a free-running, dual-wavelength-comb fiber laser. , 2017, , .		2
161	Fast, long-scan-range pump-probe measurement using a dual-wavelength mode-locked fiber laser. , 2012, , .		2
162	Dual-wavelength, dual-comb fiber laser based on a nearly-adiabatic fiber-taper filter. , 2016, , .		2

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163	Synchronous dual-wavelength pulse generation in an Er-doped fiber laser with near-zero dispersion. , 2016, , .		2
164	Broadband dual-comb spectroscopy with a polarization-multiplexed, dual-comb fiber laser. , 2016, , .		2
165	Generation of repetition-rate-tunable ultrashort pulses from a mode-locked fiber laser with large polarization mode dispersion. , 2014, , .		2
166	Tri-comb and quad-comb generation from a multidimensional-multiplexed fiber laser. , 2019, , .		2
167	All-optical recognition of spectrally coded optical pulses using periodically poled lithium niobate second-harmonic waveguides for ultrashort pulse optical code division multiple-access. , 2000, , .		1
168	Periodically poled lithium niobate second-harmonic optical threshold for ultrashort pulse optical code division multiple-access. , 2000, , .		1
169	40-Gb/s RZ signal transmission in a transparent network based on wavelength-selective optical cross connect. IEEE Photonics Technology Letters, 2003, 15, 1467-1469.	1.3	1
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