

Ju Han Lee

List of Publications by Year in descending order

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times ranked

2771
citing authors

#	ARTICLE	IF	CITATIONS
1	Harmonically mode-locked Er-doped fiber laser at 1.3 μ m using a V ₂ AlC MAX phase nanoparticle-based saturable absorber. Optics and Laser Technology, 2022, 145, 107525.	4.6	13
2	Passive mode-locking by a Ti ₂ AlN saturable absorber in 1.5 μ m region. Optik, 2022, 251, 168364.	2.9	10
3	Optimizing high harmonic generation in hollow-core gas cell considering variation of gas density. Optics and Laser Technology, 2022, 149, 107803.	4.6	1
4	Microscopic understanding of exceptional orientation-dependent tensile and fracture responses of two-dimensional transition-metal carbides. Applied Surface Science, 2022, 585, 152557.	6.1	3
5	Cavity-dumped mode-locked Alexandrite laser oscillator with 100 mJ pulses stabilized by using a double trigger system. Optics Express, 2022, 30, 3516.	3.4	3
6	Surface termination effects on the terahertz-range optical responses of two-dimensional MXenes: Density functional theory study. Materials Today Communications, 2022, 32, 103917.	1.9	1
7	Ultrafast mode-locking in highly stacked Ti ₃ C ₂ T _x MXenes for 1.9 μ m infrared femtosecond pulsed lasers. Nanophotonics, 2021, 10, 1741-1751.	6.0	42
8	Saturable Absorption Dynamics of Highly Stacked 2D Materials for Ultrafast Pulsed Laser Production. Applied Sciences (Switzerland), 2021, 11, 2690.	2.5	3
9	Soliton Distillation of Pulses From a Fiber Laser. Journal of Lightwave Technology, 2021, 39, 2542-2546.	4.6	74
10	Nonlinear optical property measurements of rhenium diselenide used for ultrafast fiber laser mode-locking at 1.9 μ m. Scientific Reports, 2021, 11, 9320.	3.3	11
11	Investigation into the impact of the recovery time of a saturable absorber for stable dissipative soliton generation in Yb-doped fiber lasers. Optics Express, 2021, 29, 21978.	3.4	16
12	Temperature-Insensitive Refractometer Based on a Wave-Shaped Fiber Modal Interferometer Using No-Core Fiber. IEEE Sensors Journal, 2021, 21, 16066-16077.	4.7	3
13	Nonlinear absorption property investigation into MAX phase Ti ₂ AlC at 1.9 μ m. Optical Materials Express, 2021, 11, 3556.	3.0	6
14	A Q-switched fiber laser using a Ti ₂ AlN-based saturable absorber. Laser Physics, 2021, 31, 025103.	1.2	9
15	Topological insulators and applications. , 2021, , 81-138.		1
16	A Passively Q-Switched Holmium-Doped Fiber Laser with Graphene Oxide at 2058 nm. Applied Sciences (Switzerland), 2021, 11, 407.	2.5	9
17	Investigation on the nonlinear optical properties of V ₂ C MXene at 1.9 μ m. Journal of Materials Chemistry C, 2021, 9, 15346-15353.	5.5	27
18	Influence of saturable absorber recovery time on dissipative soliton generation. , 2021, , .		0

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19	Visible Wavelength Polarization Entangled Photon-Pairs Using SFWM in Nondegenerate Spatial Modes. , 2021, , .		0
20	Nonlinear optical properties of arsenic telluride and its use in ultrafast fiber lasers. Scientific Reports, 2020, 10, 15305.	3.3	14
21	Robust mechanical tunability of 2D transition metal carbides via surface termination engineering: Molecular dynamics simulation. Applied Surface Science, 2020, 532, 147380.	6.1	22
22	A 3-D-printed, temperature sensor based on mechanically-induced long period fibre gratings. Journal of Modern Optics, 2020, 67, 469-474.	1.3	9
23	Broadband ultrafast photonics of two-dimensional transition metal carbides (MXenes). Nano Futures, 2020, 4, 032003.	2.2	12
24	Numerical Investigation of the Impact of the Saturable Absorber Recovery Time on the Mode-Locking Performance of Fiber Lasers. Journal of Lightwave Technology, 2020, 38, 4124-4132.	4.6	32
25	Investigation into nonlinear optical absorption property of CoSb ₃ skutterudite in the 2.1-4 μm spectral region. Optics and Laser Technology, 2020, 129, 106274.	4.6	5
26	Nonlinear optics of MXene in laser technologies. JPhys Materials, 2020, 3, 032004.	4.2	11
27	532-nm second harmonic generation with enhanced efficiency using subharmonic cavity modulation-based quasi-Q-switched-mode-locked pulses. Optics Express, 2020, 28, 25431.	3.4	6
28	Saturable absorption properties of As ₂ Te ₃ for ultrafast fiber lasers at 1.9 μm. , 2020, , .		0
29	Pulse-amplitude equalization in the monotonic region of the modulator of a rational-harmonically mode-locked fiber ring laser. Laser Physics, 2020, 30, 115103.	1.2	1
30	Polarization-entangled photon generation in multimode fiber at visible wavelength. , 2020, , .		0
31	Femtosecond Tm-Ho Co-Doped Fiber Laser using a CoSb ₃ -Skutterudite-Based Passive Mode-Locker. , 2019, , .		0
32	Facile large-area fabrication of highly selective and permeable few-layered graphene: A molecular dynamics study. Carbon, 2019, 155, 369-378.	10.3	15
33	van der Waals Layered Tin Selenide as Highly Nonlinear Ultrafast Saturable Absorber. Advanced Optical Materials, 2019, 7, 1801745.	7.3	82
34	A 3-D printed saturable absorber for femtosecond mode-locking of a fiber laser. Optical Materials, 2019, 89, 382-389.	3.6	9
35	A Thermo-optically controllable saturable absorber for switchable operation of a fiber laser between Q-switching and harmonic mode-locking. Journal of Luminescence, 2019, 205, 30-36.	3.1	4
36	Ti ₂ AlC-based saturable absorber for passive Q-switching of a fiber laser. Optical Materials Express, 2019, 9, 2057.	3.0	50

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37	Investigation of nonlinear optical properties of rhenium diselenide and its application as a femtosecond mode-locker. <i>Photonics Research</i> , 2019, 7, 984.	7.0	28
38	ReSe ₂ -based Saturable Absorber for Femtosecond Mode-locking of a Fiber Laser. , 2019, , .		0
39	Experimental investigation into generation of bursts of linearly-polarized, dissipative soliton pulses from a figure-eight fiber laser at 1.03 Åµm. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 032701.	1.5	8
40	Topological Insulators for Mode-locking of 2-1/4µm Fiber Lasers. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2018, , 1-1.	2.9	39
41	A Q-switched, 1.89 Åµm fiber laser using an Fe ₃ O ₄ -based saturable absorber. <i>Journal of Luminescence</i> , 2018, 195, 181-186.	3.1	22
42	Design of MEMS-based SiO ₂ Waveguides on Quartz Substrate for Evanescent Field-based Saturable Absorbers. , 2018, , .		0
43	Cavity-Dumped Mode-Locked Picosecond Alexandrite Single Pulse Laser with Double Trigger System. , 2018, , .		1
44	A burst-mode figure-eight fiber laser for linearly-polarized, dissipative soliton pulses. , 2018, , .		0
45	Femtosecond mode-locking of a fiber laser using a CoSb ₃ -skutterudite-based saturable absorber. <i>Photonics Research</i> , 2018, 6, C36.	7.0	27
46	Femtosecond Tm ³⁺ /Ho co-doped fiber laser using a bulk-structured Bi ₂ Se ₃ topological insulator. <i>Chinese Physics B</i> , 2018, 27, 094219.	1.4	23
47	A femtosecond pulse fiber laser using a CoSb ₃ skutterudite-based passive mode-locker. , 2018, , .		0
48	Integrated Fiber-Optic Device Based on a Combination of a Piezoelectric Transducer and a Bulk-Structured Bi ₂ Te ₃ Topological Insulator for Q-Switched Mode-Locking of a Fiber Laser. <i>Journal of Lightwave Technology</i> , 2017, 35, 2175-2182.	4.6	17
49	Filled Skutterudites for Broadband Saturable Absorbers. <i>Advanced Optical Materials</i> , 2017, 5, 1700096.	7.3	36
50	2D Materials: Metallic MXene Saturable Absorber for Femtosecond Mode-Locked Lasers (<i>Adv. Mater.</i>) Tj ETQq0 0,0 rgBT /Oyerlock 10	21.0	1
51	Metallic MXene Saturable Absorber for Femtosecond Mode-Locked Lasers. <i>Advanced Materials</i> , 2017, 29, 1702496.	21.0	475
52	Passive mode-locking of a fiber laser using a graphene oxide-based saturable absorber based on cladding-etched optical fiber. , 2017, , .		0
53	A femtosecond pulse fiber laser at 1.91 1/4µm using MoSe ₂ /PVA-based evanescent field interaction. , 2017, , .		0
54	All-fiberized, femtosecond laser at 1912 nm using a bulk-like MoSe ₂ saturable absorber. <i>Optical Materials Express</i> , 2017, 7, 2968.	3.0	77

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55	All-fiber acousto-optic modulator based on a cladding-etched optical fiber for active mode-locking. Photonics Research, 2017, 5, 391.	7.0	20
56	A Passively Mode-locked Tm-Ho Fiber Laser using a Modelocker based on Bismuth-doped Germanosilicate Fiber. , 2017, , .		1
57	Chemical Wet Etching of an Optical Fiber Using a Hydrogen Fluoride-Free Solution for a Saturable Absorber Based on the Evanescent Field Interaction. Journal of Lightwave Technology, 2016, 34, 3776-3784.	4.6	48
58	Passively Q-switched erbium-doped fiber laser with graphite saturable absorber based on the pencil-sketching at 1.56 Åµm region. , 2016, , .		0
59	End-to-End Self-Assembly of Gold Nanorods in Water Solution for Absorption Enhancement at a 1-to-2 Åµm Band for a Broadband Saturable Absorber. Journal of Lightwave Technology, 2016, 34, 5250-5257.	4.6	31
60	Femtosecond harmonic mode-locking of a fiber laser at 327 GHz using a bulk-like, MoSe ₂ -based saturable absorber. Optics Express, 2016, 24, 10575.	3.4	126
61	Near-Infrared Saturable Absorption of Defective Bulk-Structured WTe ₂ for Femtosecond Laser Mode-Locking. Advanced Functional Materials, 2016, 26, 7454-7461.	14.9	166
62	Linearly polarized, Q-switched, erbium-doped fiber laser incorporating a bulk-structured bismuth telluride/polyvinyl alcohol saturable absorber. Optical Engineering, 2016, 55, 076109.	1.0	21
63	A pulse-width-tunable, mode-locked fiber laser based on dissipative soliton resonance using a bulk-structured Bi ₂ Te ₃ topological insulator. Optical Engineering, 2016, 55, 081309.	1.0	39
64	Graphite saturable absorber based on the pencil-sketching method for Q-switching of an erbium fiber laser. Applied Optics, 2016, 55, 303.	2.1	29
65	Harmonically mode-locked femtosecond fiber laser using non-uniform, WS ₂ -particle deposited side-polished fiber. Journal of Optics (United Kingdom), 2016, 18, 035502.	2.2	47
66	Impact of the double-patterning technique on the LER-induced threshold voltage variation in symmetric tunnel field-effect transistor. IEICE Electronics Express, 2015, 12, 20150349-20150349.	0.8	1
67	All-fiber band pass filter based on long period fiber grating pair and null core fiber for applications in 2 Åµm band. , 2015, , .		0
68	Black phosphorus saturable absorber for ultrafast mode-locked pulse laser via evanescent field interaction. Annalen Der Physik, 2015, 527, 770-776.	2.4	115
69	Dissipative soliton Yb-doped fiber laser using a bulk-structured Bi ₂ Te ₃ topological insulator. , 2015, , .		0
70	High energy Q-switching of an all-fiberized 1.55-Åµm laser using GNRs/PVA evanescent field interaction. , 2015, , .		1
71	Numerical study on the minimum modulation depth of a saturable absorber for stable fiber laser mode locking. Journal of the Optical Society of America B: Optical Physics, 2015, 32, 31.	2.1	125
72	Fiber optic polarization beam splitter using a reduced graphene oxide-based interlayer. Optical Materials, 2015, 46, 324-328.	3.6	11

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73	In Situ Synthesis of Graphene with Telecommunication Lasers for Nonlinear Optical Devices. <i>Advanced Optical Materials</i> , 2015, 3, 1264-1272.	7.3	18
74	Large energy, all-fiberized Q-switched pulse laser using a GNRs/PVA saturable absorber. <i>Optical Materials Express</i> , 2015, 5, 1859.	3.0	35
75	Femtosecond harmonic mode-locking of a fiber laser based on a bulk-structured Bi ₂ Te ₃ topological insulator. <i>Optics Express</i> , 2015, 23, 6359.	3.4	46
76	Mode-locked, 194- μ m, all-fiberized laser using WS ₂ -based evanescent field interaction. <i>Optics Express</i> , 2015, 23, 19996.	3.4	172
77	Passively Q-Switched 1.89- μ m Fiber Laser Using a Bulk-Structured Bi ₂ Te ₃ Topological Insulator. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2015, 21, 31-36.	2.9	38
78	Passively Q-switched 156- μ m all-fiberized laser based on evanescent field interaction with bulk-structured bismuth telluride topological insulator. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2014, 31, 2157.	2.1	37
79	A femtosecond pulse fiber laser at 1935 nm using a bulk-structured Bi ₂ Te ₃ topological insulator. <i>Optics Express</i> , 2014, 22, 7865.	3.4	256
80	A femtosecond pulse erbium fiber laser incorporating a saturable absorber based on bulk-structured Bi ₂ Te ₃ topological insulator. <i>Optics Express</i> , 2014, 22, 6165.	3.4	235
81	Bismuth oxide-based erbium-doped fiber amplifiers for DWDM-TDM passive optical networks. , 2014, , .		0
82	All-fiberized, passively Q-switched 1.06- μ m laser using a bulk-structured Bi ₂ Te ₃ topological insulator. <i>Journal of Optics (United Kingdom)</i> , 2014, 16, 085203.	2.2	39
83	All-normal-dispersion dissipative-soliton fiber laser at 1.06- μ m using a bulk-structured Bi ₂ Te ₃ topological insulator-deposited side-polished fiber. <i>Laser Physics</i> , 2014, 24, 105106.	1.2	48
84	Passively Mode-Locked 1.93- μ m All-Fiberized Femtosecond MOPA Laser Using a Gold-Deposited Side-Polished Fiber. <i>Korean Journal of Optics and Photonics</i> , 2014, 25, 340-345.	0.1	1
85	Passive Q-switching of a fiber laser using a side-polished birefringent fiber with index matching gel spread on the flat side. <i>Applied Physics B: Lasers and Optics</i> , 2013, 112, 61-65.	2.2	9
86	Q-switched mode-locking of an erbium-doped fiber laser incorporating a graphene oxide-deposited D-shaped fiber. , 2013, , .		0
87	Transfer-free synthesis of multilayer graphene using a single-step process in an evaporator and formation confirmation by laser mode-locking. <i>Nanotechnology</i> , 2013, 24, 365603.	2.6	11
88	Mode-locked pulse generation from an all-fiberized, Tm-Ho-codoped fiber laser incorporating a graphene oxide-deposited side-polished fiber. <i>Optics Express</i> , 2013, 21, 20062.	3.4	101
89	Experimental investigation of the cavity modulation frequency detuning effect in an active harmonically mode-locked fiber laser. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2013, 30, 1479.	2.1	17
90	Q-switched mode-locking of an erbium-doped fiber laser using cavity modulation frequency detuning. <i>Applied Optics</i> , 2012, 51, 5295.	1.8	19

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91	Band-separated, bidirectional amplifier based on erbium-doped bismuth fiber for WDM-TDM PONs. , 2012, , .		0
92	UWB doublet pulse generation using the combination of parametric amplification and cross phase modulation. , 2012, , .		3
93	Spectrally Sampled OCT Imaging Based on 1.7- μ m Continuous-Wave Supercontinuum Source. IEEE Journal of Selected Topics in Quantum Electronics, 2012, 18, 1200-1208.	2.9	12
94	A Band-Separated, Bidirectional Amplifier Based on Erbium-Doped Bismuth Fiber for Long-Reach Hybrid DWDM-TDM Passive Optical Networks. Journal of Optical Communications and Networking, 2012, 4, 165.	4.8	6
95	One-to-Nine Multicasting of RZ-DPSK Based on Cascaded Four-Wave Mixing in a Highly Nonlinear Fiber Without Stimulated Brillouin Scattering Suppression. IEEE Photonics Technology Letters, 2012, 24, 1882-1885.	2.5	9
96	Q-switched mode-locking of an erbium-doped fiber laser through subharmonic cavity modulation. , 2012, , .		0
97	Performance analysis of hybrid-amplification-based long-distance FBG sensor systems. , 2012, , .		0
98	Ultrafast optical nonlinearity of multi-layered graphene synthesized by the interface growth process. Nanotechnology, 2012, 23, 225706.	2.6	10
99	A Q-switched erbium-doped fiber laser using an ultrafast silicon-based variable optical attenuator. , 2012, , .		0
100	A Mode-Locked 1.91 μ m Fiber Laser Based on Interaction between Graphene Oxide and Evanescent Field. Applied Physics Express, 2012, 5, 112702.	2.4	67
101	Bismuth Nonlinear Optical Fiber for Photonic Ultrawideband Radio-Signal Processing. IEEE Journal of Selected Topics in Quantum Electronics, 2012, 18, 891-898.	2.9	2
102	All-optical Data Extraction Based on Optical Logic Gates. Korean Journal of Optics and Photonics, 2012, 23, 143-146.	0.1	0
103	Photonic generation of UWB doublet pulses using a modified Kerr switch with parametric amplification. , 2011, , .		0
104	Generation and Distribution of 1.25 Gb/s Ultrawideband Doublet Pulses Based on the Combination of Nonlinear Polarization Rotation and Parametric Amplification. Journal of Lightwave Technology, 2011, 29, 931-938.	4.6	8
105	Combined effect of pump excited state absorption and pair-induced quenching on the gain and noise figure in bismuth oxide-based Er ³⁺ -doped fiber amplifiers. Journal of the Optical Society of America B: Optical Physics, 2011, 28, 2667.	2.1	7
106	Characterization of wavelength-swept active mode locking fiber laser based on reflective semiconductor optical amplifier. Optics Express, 2011, 19, 14586.	3.4	47
107	A Q-switched, mode-locked fiber laser employing subharmonic cavity modulation. Optics Express, 2011, 19, 26627.	3.4	35
108	Active Q-switching in an erbium-doped fiber laser using an ultrafast silicon-based variable optical attenuator. Optics Express, 2011, 19, 26911.	3.4	23

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109	All-optical pulse shaping for ultrawideband doublet pulses using nonlinear optical loop mirror with optical parametric amplification. <i>Optics Letters</i> , 2011, 36, 4227.	3.3	2
110	Performance limitation of chirped-fiber-Bragg-grating-based photonic microwave notch filter due to group delay and reflectivity ripples. <i>Optics Communications</i> , 2011, 284, 952-956.	2.1	1
111	Monocycle pulse generation based on cross-phase modulation in bismuth oxide nonlinear fiber. , 2011, , .		0
112	Realization of All-Optical Circular Shift Register Using Semiconductor Optical Amplifiers. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 110209.	1.5	5
113	Generation of Ultra-wideband Doublet Pulses Based on Kerr Shutter Using an Elliptically Polarized Beam in Bismuth Oxide-based Nonlinear Optical Fiber. , 2011, , .		1
114	High spectral power, continuous-wave, supercontinuum light source for optical coherence tomography imaging and telecommunication applications. , 2010, , .		0
115	Ultrawideband doublet pulse generation based on nonlinear polarization rotation of an elliptically polarized beam and its distribution over a fiber/wireless link. <i>Optics Express</i> , 2010, 18, 20072.	3.4	23
116	Noise Reduction in Multiwavelength SOA-Based Ring Laser by Coupled Dual Cavities for WDM Applications. <i>Journal of Lightwave Technology</i> , 2010, 28, 739-745.	4.6	6
117	Ultrawideband Doublet Pulse Generation Based on a Semiconductor Electroabsorption Modulator and Its Distribution Over a Fiber/Wireless Link. <i>Journal of Optical Communications and Networking</i> , 2010, 2, 600.	4.8	9
118	Multilayered graphene efficiently formed by mechanical exfoliation for nonlinear saturable absorbers in fiber mode-locked lasers. <i>Applied Physics Letters</i> , 2010, 97, .	3.3	156
119	Bipolar tap photonic microwave notch filter based on a coupled structure of two electroabsorption modulators. , 2010, , .		0
120	Nonlinear processing in Bismuth optical fibers. , 2009, , .		0
121	Photonic microwave frequency measurement using Lorentzian-weighted spectrum-sliced beams. , 2009, , .		0
122	Extended-reach WDM-PON based on CW supercontinuum light source for colorless FP-LD based OLT and RSOA-based ONUs. <i>Optical Fiber Technology</i> , 2009, 15, 310-319.	2.7	25
123	Brillouin gain-coefficient measurement for bismuth-oxide-based photonic crystal fiber under significant beam reflection at splicing points. <i>Optics Letters</i> , 2009, 34, 2670.	3.3	7
124	Tunable photonic microwave notch filter using SOA-based single-longitudinal mode, dual-wavelength laser. <i>Optics Express</i> , 2009, 17, 13216.	3.4	8
125	Incoherent, CW supercontinuum source based on erbium fiber ASE for optical coherence tomography imaging. , 2009, , .		5
126	Tunable, single passband photonic microwave filter based on stimulated Brillouin scattering in nonlinear fiber. , 2009, , .		0

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127	High-Q, tunable, photonic microwave single passband filter based on stimulated Brillouin scattering and fiber Bragg grating filtering. Optics Communications, 2008, 281, 5146-5150.	2.1	13
128	Side-mode Suppressed Multiwavelength Fiber Laser and Broadcast Transmission. , 2008, , .		8
129	Detailed Theoretical and Experimental Study on Single Passband, Photonic Microwave FIR Filter Using Digital Micromirror Device and Continuous-Wave Supercontinuum. Journal of Lightwave Technology, 2008, 26, 2619-2628.	4.6	22
130	Single passband, tunable, photonic microwave filter based on supercontinuum and Hi-Bi fiber interferometric filter. , 2008, , .		0
131	Tunable photonic microwave notch filter incorporating an S-bending-based, linearly tunable, chirped fiber Bragg grating. , 2008, , .		0
132	Single Passband, Discretely Tunable, Photonic Microwave Bandpass Filter Based on Highly Birefringent Fiber-Based Comb Filter. Japanese Journal of Applied Physics, 2008, 47, 7915.	1.5	6
133	All-optical Signal Processing Using Specialty Fibers. , 2008, , .		2
134	Multiwavelength Raman fiber ring lasers with continuous wavelength spacing tunability. , 2008, , .		0
135	Spectrum Slicing-based, High-Q, Photonic Microwave Filter Using the Combination of Incoherent Continuous-Wave Supercontinuum and Dispersion-Profiled Fiber. , 2008, , .		4
136	Novel Dispersion Properties of Photonic Crystal Fiber. Japanese Journal of Applied Physics, 2007, 46, 5408.	1.5	3
137	Temperature insensitive bending sensor based on a sampled fiber Bragg grating. , 2007, , .		1
138	Continuously FSR tunable all fiber Fabry-Perot filter and its application to tunable multiwavelength SOA ring laser. , 2007, , .		0
139	Performance comparison of directly-modulated, wavelength-locked Fabry-Pérot laser diode and EAM-modulated, spectrum-sliced ASE source for 1.25 Gb/s WDM-PON. , 2007, , .		4
140	A Self-restorable Colorless Bidirectional WDM-PON based on ASE-injected FP-LDs. , 2007, , .		1
141	Continuously spacing-tunable multiwavelength semiconductor-optical-amplifier-based fiber ring laser incorporating a superimposed chirped fiber Bragg grating. Optics Letters, 2007, 32, 1032.	3.3	25
142	Multiple-element photonic microwave true-time-delay beamforming incorporating a tunable chirped fiber Bragg grating with symmetrical bending technique. Optics Letters, 2007, 32, 1704.	3.3	3
143	Simultaneous independent measurement of strain and temperature based on long-period fiber gratings inscribed in holey fibers depending on air-hole size. Optics Letters, 2007, 32, 2245.	3.3	21
144	Flexible all fiber Fabry-Perot filters based on superimposed chirped fiber Bragg gratings with continuous FSR tunability and its application to a multiwavelength fiber laser. Optics Express, 2007, 15, 2921.	3.4	29

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145	A self-restorable architecture for bidirectional wavelength-division-multiplexed passive optical network with colorless ONUs. Optics Express, 2007, 15, 4863.	3.4	25
146	Experimental study on the effect of codirectional Raman gain on system's performance. Optics Express, 2007, 15, 6146.	3.4	4
147	Analysis of maximum reach in WDM PON architecture based on distributed Raman amplification and pump recycling technique. Optics Express, 2007, 15, 14942.	3.4	11
148	Fully reconfigurable photonic microwave transversal filter based on digital micromirror device and continuous-wave, incoherent supercontinuum source. Applied Optics, 2007, 46, 5158.	2.1	25
149	Novel Multiwavelength Erbium-Doped Fiber and Raman Fiber Ring Lasers With Continuous Wavelength Spacing Tunability at Room Temperature. Journal of Lightwave Technology, 2007, 25, 2219-2225.	4.6	40
150	Single, Depolarized, CW Supercontinuum-Based Wavelength-Division-Multiplexed Passive Optical Network Architecture With C-Band OLT, L-Band ONU, and U-Band Monitoring. Journal of Lightwave Technology, 2007, 25, 2891-2897.	4.6	18
151	High-Q Microwave Filter Using Incoherent, Continuous-Wave Supercontinuum and Dispersion-Profiled Fiber. IEEE Photonics Technology Letters, 2007, 19, 2042-2044.	2.5	21
152	Cladding mode coupling suppression in hole-assisted fiber BRAGG gratings. Microwave and Optical Technology Letters, 2007, 49, 74-76.	1.4	0
153	Switchable dual wavelength erbium-doped fiber laser at room temperature. Microwave and Optical Technology Letters, 2007, 49, 1433-1435.	1.4	7
154	1.25 Gbit/s WDM PON Upstream Transmission Using Fabry-Pérot Laser Diodes Injected by Depolarised CW Supercontinuum Source. , 2006, , .		5
155	Raman Amplification Based Bidirectional WDM-PON Using Spectrum Sliced ASE Upstream Source Recycling Residual Raman Pump. , 2006, , .		0
156	Wide-band tunable wavelength conversion of 10-gb/s nonreturn-to-zero signal using cross-phase-Modulation-induced polarization rotation in 1-m bismuth oxide-based nonlinear optical fiber. IEEE Photonics Technology Letters, 2006, 18, 298-300.	2.5	17
157	Output performance investigation of self-phase-modulation-based 2R regenerator using bismuth oxide nonlinear fiber. IEEE Photonics Technology Letters, 2006, 18, 1296-1298.	2.5	17
158	Wavelength-spacing-tunable multichannel filter incorporating a sampled chirped fiber Bragg grating based on a symmetrical chirp-tuning technique without center wavelength shift. Optics Letters, 2006, 31, 3571.	3.3	14
159	Experimental study on seed light source coherence dependence of continuous-wave supercontinuum performance. Optics Express, 2006, 14, 3443.	3.4	27
160	Raman amplification-based WDM-PON architecture with centralized Raman pump-driven, spectrum-sliced erbium ASE and polarization-insensitive EAMs. Optics Express, 2006, 14, 9036.	3.4	13
161	Bismuth-oxide-based nonlinear fiber with a high SBS threshold and its application to four-wave-mixing wavelength conversion using a pure continuous-wave pump. Journal of Lightwave Technology, 2006, 24, 22-28.	4.6	43
162	Bismuth oxide nonlinear fiber-based optical devices for telecommunications. Proceedings of SPIE, 2006, 6351, 374.	0.8	0

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163	Experimental investigation of continuous-wave supercontinuum ring laser composed of clad-pumped Er/Yb codoped fiber and highly-nonlinear optical fiber. Optics Communications, 2006, 266, 681-685.	2.1	5
164	Chromatic dispersion compensation in a transmission link using a stimulated Brillouin scattering free, bismuth nonlinear optical fiber based phase conjugator. , 2006, , .		0
165	Tunable multiwavelength erbium-doped fiber laser incorporating dispersion-shifted fiber at room temperature. , 2006, , .		0
166	Uniform fiber Bragg grating based tunable dispersion compensator and its application to tunable pulse repetition-rate multiplication. , 2006, , .		0
167	Continuous-Wave Supercontinuum Laser Composed of Double Clad Er/Yb Codoped Fiber and Highly-Nonlinear Optical Fiber. , 2006, , .		0
168	320 Gbit/s (32Chs × 10 Gbit/s) WDM transmission over bending insensitive holey fiber for metro communication. , 2006, , .		0
169	Continuous-wave supercontinuum generation from a simple ring cavity laser composed of double clad Er/Yb codoped fiber and highly nonlinear optical fiber. , 2006, , .		1
170	Tuneable Microwave Photonic Filter Incorporating Wavelength Spacing Programmable, Arrayed Micro-Mirror Based Optical Filter. , 2006, , .		0
171	Wavelength spacing tunable multiwavelength fiber laser with lasing wavelength selectivity. , 2005, , .		0
172	Wavelength conversion of 40-Gbit/s NRZ signal using four-wave mixing in 40-cm-long bismuth oxide based highly-nonlinear optical fiber. , 2005, , .		11
173	Effects of Fiber Cladding Diameter on Cladding-Mode Coupling in Fiber Bragg Gratings. Japanese Journal of Applied Physics, 2005, 44, 1278-1281.	1.5	7
174	A detailed experimental study on single-pump Raman/EDFA hybrid amplifiers: static, dynamic, and system performance comparison. Journal of Lightwave Technology, 2005, 23, 3484-3493.	4.6	36
175	All-fiber 80-Gbit/s wavelength converter using 1-m-long Bismuth Oxide-based nonlinear optical fiber with a nonlinearity γ of $1100 \text{ W}^{-1} \text{ km}^{-1}$. Optics Express, 2005, 13, 3144.	3.4	35
176	Experimental performance comparison for various continuous-wave supercontinuum schemes: ring cavity and single pass structures. Optics Express, 2005, 13, 4848.	3.4	20
177	All fiber-based 160-Gbit/s add/drop multiplexer incorporating a 1-m-long Bismuth Oxide-based ultra-high nonlinearity fiber. Optics Express, 2005, 13, 6864.	3.4	27
178	Use of 1-mBi_2O_3 nonlinear fiber for 160-Gbit/s optical time-division demultiplexing based on polarization rotation and a wavelength shift induced by cross-phase modulation. Optics Letters, 2005, 30, 1267.	3.3	53
179	Experimental comparison of a Kerr nonlinearity figure of merit including the stimulated Brillouin scattering threshold for state-of-the-art nonlinear optical fibers. Optics Letters, 2005, 30, 1698.	3.3	100
180	Continuous-wave supercontinuum laser based on an erbium-doped fiber ring cavity incorporating a highly nonlinear optical fiber. Optics Letters, 2005, 30, 2599.	3.3	29

#	ARTICLE	IF	CITATIONS
181	Dispersion-compensating Raman/EDFA hybrid amplifier recycling residual Raman pump for efficiency enhancement. IEEE Photonics Technology Letters, 2005, 17, 43-45.	2.5	35
182	Wavelength and repetition rate tunable optical pulse source using a chirped fiber Bragg grating and a nonlinear optical loop mirror. IEEE Photonics Technology Letters, 2005, 17, 34-36.	2.5	12
183	Performance comparison of various configurations of single-pump dispersion-compensating Raman/EDFA hybrid amplifiers. IEEE Photonics Technology Letters, 2005, 17, 765-767.	2.5	11
184	All-optical 80-Gb/s add-drop multiplexer using fiber-based nonlinear optical loop mirror. IEEE Photonics Technology Letters, 2005, 17, 840-842.	2.5	13
185	Lasing wavelength and spacing switchable multiwavelength fiber laser from 1510 to 1620 nm. IEEE Photonics Technology Letters, 2005, 17, 989-991.	2.5	57
186	Four-wave-mixing-based wavelength conversion of 40-Gb/s nonreturn-to-zero signal using 40-cm bismuth oxide nonlinear optical fiber. IEEE Photonics Technology Letters, 2005, 17, 1474-1476.	2.5	32
187	Clock recovery and demultiplexing of high-speed OTDM signal through combined use of bismuth oxide nonlinear fiber and erbium-doped bismuth oxide fiber. IEEE Photonics Technology Letters, 2005, 17, 2658-2660.	2.5	16
188	Wavelength tunable 10-GHz 3-ps pulse source using a dispersion decreasing fiber-based nonlinear optical loop mirror. IEEE Journal of Selected Topics in Quantum Electronics, 2004, 10, 181-185.	2.9	13
189	Investigation of Raman fiber laser temperature probe based on fiber Bragg gratings for long-distance remote sensing applications. Optics Express, 2004, 12, 1747.	3.4	29
190	40 GHz adiabatic compression of a modulator based dual frequency beat signal using Raman amplification in dispersion decreasing fiber. Optics Express, 2004, 12, 2187.	3.4	15
191	Discrimination of bending and temperature sensitivities with phase-shifted long-period fiber gratings depending on initial coupling strength. Optics Express, 2004, 12, 3204.	3.4	31
192	Raman amplifier-based long-distance remote, strain and temperature sensing system using an erbium-doped fiber and a fiber Bragg grating. Optics Express, 2004, 12, 3515.	3.4	38
193	2 ~ 5 times tunable repetition-rate multiplication of a 10 GHz pulse source using a linearly tunable, chirped fiber Bragg grating. Optics Express, 2004, 12, 3900.	3.4	36
194	Dynamic properties of single pump, dispersion-compensating Raman/EDFA hybrid amplifier recycling residual Raman pump. Optics Express, 2004, 12, 6594.	3.4	9
195	A tunable WDM wavelength converter based on cross-phase modulation effects in normal dispersion holey fiber. IEEE Photonics Technology Letters, 2003, 15, 437-439.	2.5	59
196	Four-wave mixing based 10-Gb/s tunable wavelength conversion using a holey fiber with a high SBS threshold. IEEE Photonics Technology Letters, 2003, 15, 440-442.	2.5	110
197	All-optical TDM data demultiplexing at 80 Gb/s with significant timing jitter tolerance using a fiber Bragg grating based rectangular pulse switching technology. Journal of Lightwave Technology, 2003, 21, 2518-2523.	4.6	19
198	Investigation of Brillouin effects in small-core holey optical fiber: lasing and scattering. Optics Letters, 2002, 27, 927.	3.3	59

#	ARTICLE	IF	CITATIONS
199	A grating-based OCDMA coding-decoding system incorporating a nonlinear optical loop mirror for improved code recognition and noise reduction. Journal of Lightwave Technology, 2002, 20, 36-46.	4.6	37
200	All-optical modulation and demultiplexing systems with significant timing jitter tolerance through incorporation of pulse-shaping fiber Bragg gratings. IEEE Photonics Technology Letters, 2002, 14, 203-205.	2.5	25
201	Reduction of interchannel interference noise in a two-channel grating-based OCDMA system using a nonlinear optical loop mirror. IEEE Photonics Technology Letters, 2001, 13, 529-531.	2.5	22
202	Passive erbium-doped fiber seed photon generator for high-power Er ³⁺ -doped fiber fluorescent sources with an 80-nm bandwidth. Optics Letters, 1999, 24, 279.	3.3	26
203	Reduction of temperature-dependent multichannel gain distortion using a hybrid erbium-doped fiber cascade. IEEE Photonics Technology Letters, 1998, 10, 1168-1170.	2.5	11
204	Comparative study on temperature-dependent multichannel gain and noise figure distortion for 1.48- and 0.98- μ m pumped EDFAs. IEEE Photonics Technology Letters, 1998, 10, 1721-1723.	2.5	29