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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

219 papers	4,585 citations	33 h-index	62 g-index
332 ext. papers	5,587 ext. citations	2.7 avg, IF	5.27 L-index

#	Paper	IF	Citations
219	Nonlinear pulse propagation in the neighborhood of the zero-dispersion wavelength of monomode optical fibers. <i>Optics Letters</i> , 1986 , 11, 464-6	3	364
218	Polarization mode dispersion, decorrelation, and diffusion in optical fibers with randomly varying birefringence. <i>Journal of Lightwave Technology</i> , 1996 , 14, 148-157	4	329
217	Application of the Manakov-PMD equation to studies of signal propagation in optical fibers with randomly varying birefringence. <i>Journal of Lightwave Technology</i> , 1997 , 15, 1735-1746	4	268
216	Radiations by "solitons" at the zero group-dispersion wavelength of single-mode optical fibers. <i>Physical Review A</i> , 1990 , 41, 426-439	2.6	213
215	Stability of solitons in randomly varying birefringent fibers. <i>Optics Letters</i> , 1991 , 16, 1231-3	3	194
214	Stable and uniform multiwavelength erbium-doped fiber laser using nonlinear polarization rotation. <i>Optics Express</i> , 2006 , 14, 8205-10	3.3	190
213	Pressure sensor realized with polarization-maintaining photonic crystal fiber-based Sagnac interferometer. <i>Applied Optics</i> , 2008 , 47, 2835-9	1.7	180
212	Soliton at the zero-group-dispersion wavelength of a single-model fiber. <i>Optics Letters</i> , 1987 , 12, 628-303		154
211	Soliton fiber ring laser. <i>Optics Letters</i> , 1992 , 17, 417-9	3	141
210	Stability of passively mode-locked fiber lasers with fast saturable absorption. <i>Optics Letters</i> , 1994 , 19, 198	3	84
209	Multiwavelength erbium-doped fiber laser employing a nonlinear optical loop mirror. <i>Optics Communications</i> , 2006 , 268, 278-281	2	71
208	Geometrical description of the onset of multi-pulsing in mode-locked laser cavities. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2010 , 27, 2068	1.7	68
207	Nonlinear Frequency Division Multiplexed Transmissions Based on NFT. <i>IEEE Photonics Technology Letters</i> , 2015 , 27, 1621-1623	2.2	66
206	Multiwavelength erbium-doped fiber ring laser source with a hybrid gain medium. <i>Optics Communications</i> , 2003 , 228, 295-301	2	65
205	Robust pedestal-free pulse compression in cubic-quintic nonlinear media. <i>Physical Review A</i> , 2008 , 78,	2.6	59
204	Spatial solitons supported by localized gain in nonlinear optical waveguides. <i>European Physical Journal: Special Topics</i> , 2009 , 173, 233-243	2.3	57
203	. <i>IEEE Journal of Quantum Electronics</i> , 1994 , 30, 194-199	2	57

202	Polarization decorrelation in optical fibers with randomly varying birefringence. <i>Optics Letters</i> , 1994 , 19, 1517-9	3	56
201	Polarization evolution and dispersion in fibers with spatially varying birefringence. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1994 , 11, 1288	1.7	54
200	Self-starting of passively mode-locked lasers with fast saturable absorbers. <i>Optics Letters</i> , 1995 , 20, 3503		51
199	The effects of interdiffusion on the subbands in GaIn _{1-x} N _{0.04} As _{0.96} /GaAs quantum well for 1.3 and 1.55 μ m operation wavelengths. <i>Journal of Applied Physics</i> , 2001 , 90, 197-201	2.5	50
198	Low-loss waveguide crossing using a multimode interference structure. <i>Optics Communications</i> , 2004 , 241, 99-104	2	49
197	Alternative Decoding Methods for Optical Communications Based on Nonlinear Fourier Transform. <i>Journal of Lightwave Technology</i> , 2017 , 35, 1542-1550	4	47
196	Reconfigurable Microwave Photonic Filter Using Multiwavelength Erbium-Doped Fiber Laser. <i>IEEE Photonics Technology Letters</i> , 2007 , 19, 1334-1336	2.2	43
195	All-optical bit-error monitoring system using cascaded inverted wavelength converter and optical NOR gate. <i>IEEE Photonics Technology Letters</i> , 2003 , 15, 593-595	2.2	42
194	High-order modulation on a single discrete eigenvalue for optical communications based on nonlinear Fourier transform. <i>Optics Express</i> , 2017 , 25, 20286-20297	3.3	39
193	Soliton switch using birefringent optical fibers. <i>Optics Letters</i> , 1990 , 15, 477-9	3	38
192	Long-haul quasi-single-mode transmissions using few-mode fiber in presence of multi-path interference. <i>Optics Express</i> , 2015 , 23, 3156-69	3.3	37
191	Multiplexing of polarization-maintaining photonic crystal fiber based Sagnac interferometric sensors. <i>Optics Express</i> , 2009 , 17, 18501-12	3.3	37
190	Highly coherent supercontinuum generation with picosecond pulses by using self-similar compression. <i>Optics Express</i> , 2014 , 22, 27339-54	3.3	36
189	Time- and wavelength-division multiplexing of FBG sensors using a semiconductor optical amplifier in ring cavity configuration. <i>IEEE Photonics Technology Letters</i> , 2005 , 17, 2709-2711	2.2	35
188	Nearly chirp- and pedestal-free pulse compression in nonlinear fiber Bragg gratings. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2009 , 26, 432	1.7	34
187	Switchable multiwavelength erbium-doped fiber laser with a multimode fiber Bragg grating and photonic crystal fiber. <i>IEEE Photonics Technology Letters</i> , 2006 , 18, 1088-1090	2.2	34
186	Investigating the influence of a weak continuous-wave-trigger on picosecond supercontinuum generation. <i>Optics Express</i> , 2011 , 19, 13757-69	3.3	33
185	Cascaded higher-order soliton for non-adiabatic pulse compression. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2010 , 27, 2180	1.7	32

184	High-speed fibre Bragg grating sensor interrogation using dispersion-compensation fibre. <i>Electronics Letters</i> , 2008 , 44, 618	1.1	32
183	Effects of randomly varying birefringence on soliton interactions in optical fibers. <i>Optics Letters</i> , 1991 , 16, 1735-7	3	31
182	Multiwavelength laser source using linear optical amplifier. <i>IEEE Photonics Technology Letters</i> , 2005 , 17, 1611-1613	2.2	30
181	Single-Mode Perfluorinated Polymer Optical Fibers With Refractive Index of 1.34 for Biomedical Applications. <i>IEEE Photonics Technology Letters</i> , 2010 , 22, 106-108	2.2	25
180	. <i>IEEE Journal of Quantum Electronics</i> , 1988 , 24, 373-381	2	25
179	OSNR Monitoring for RZ-DQPSK Systems Using Half-Symbol Delay-Tap Sampling Technique. <i>IEEE Photonics Technology Letters</i> , 2010 , 22, 823-825	2.2	24
178	Polarization-maintaining photonic-crystal-fiber-based all-optical polarimetric torsion sensor 2010 , 49, 5954		24
177	Linear photonic radio frequency phase shifter using a differential-group-delay element and an optical phase modulator. <i>Optics Letters</i> , 2010 , 35, 1881-3	3	24
176	Gain dispersion for dissipative soliton generation in all-normal-dispersion fiber lasers. <i>Applied Optics</i> , 2009 , 48, 5131-7	0.2	23
175	Generalized projection operator method to derive the pulse parameters equations for the nonlinear Schrödinger equation. <i>Optics Communications</i> , 2005 , 244, 377-382	2	23
174	Optical Fiber-Tip Fabry-Pérot Interferometric Pressure Sensor Based on an In Situ 3D-Printed Air Cavity. <i>Journal of Lightwave Technology</i> , 2018 , 36, 3618-3623	4	22
173	Modifications of the exciton lifetime and internal quantum efficiency for organic light-emitting devices with a weak/strong microcavity. <i>Applied Physics Letters</i> , 2007 , 91, 221112	3.4	22
172	Optical automatic gain control of EDFA using two oscillating lasers in a single feedback loop. <i>Optics Communications</i> , 2003 , 225, 157-162	2	20
171	Ultrawide-band La-codoped Bi/sub 2/O/sub 3/-based EDFA for L-band DWDM systems. <i>IEEE Photonics Technology Letters</i> , 2003 , 15, 1525-1527	2.2	19
170	Soliton shadows in birefringent optical fibers. <i>Optics Letters</i> , 1992 , 17, 1265-7	3	19
169	Enhanced intermodal four-wave mixing for visible and near-infrared wavelength generation in a photonic crystal fiber. <i>Optics Letters</i> , 2015 , 40, 1338-41	3	18
168	High Fundamental Repetition Rate Fiber Lasers Operated in Strong Normal Dispersion Regime. <i>IEEE Photonics Technology Letters</i> , 2009 , 21, 724-726	2.2	18
167	Multiwavelength fiber lasers based on multimode fiber Bragg gratings using offset launch technique. <i>Optics Communications</i> , 2006 , 263, 295-299	2	18

166	Multiwavelength fibre laser with wavelength selectable from 1590 to 1645 nm. <i>Electronics Letters</i> , 2004 , 40, 594	1.1	18
165	Elimination of nonlinear polarization rotation in twisted fibers. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1994 , 11, 1305	1.7	18
164	Optical Fiber-Tip Sensors Based on In-Situ μ -Printed Polymer Suspended-Microbeams. <i>Sensors</i> , 2018 , 18,	3.8	17
163	Modeling Self-Similar Optical Pulse Compression in Nonlinear Fiber Bragg Grating Using Coupled-Mode Equations. <i>Journal of Lightwave Technology</i> , 2011 , 29, 1293-1305	4	17
162	Statistical Analysis of Optical Signal-to-Noise Ratio Monitoring Using Delay-Tap Sampling. <i>IEEE Photonics Technology Letters</i> , 2010 , 22, 149-151	2.2	17
161	Multiwavelength Erbium-Doped Fiber Laser Employing Cavity Loss Modulation. <i>IEEE Photonics Technology Letters</i> , 2009 , 21, 1314-1316	2.2	17
160	A novel self-routing address scheme for all-optical packet-switched networks with arbitrary topologies. <i>Journal of Lightwave Technology</i> , 2003 , 21, 329-339	4	17
159	Mechanism for stable, ultra-flat multiwavelength operation in erbium-doped fiber lasers employing intensity-dependent loss. <i>Optics and Laser Technology</i> , 2012 , 44, 74-77	4.2	16
158	Optimization of Raman-Assisted Fiber Optical Parametric Amplifier Gain. <i>Journal of Lightwave Technology</i> , 2011 , 29, 1172-1181	4	16
157	Simultaneous repolarization of two 10-Gb/s polarization-scrambled wavelength channels using a mutual-injection-locked laser diode. <i>IEEE Photonics Technology Letters</i> , 2002 , 14, 1740-1742	2.2	16
156	Dual transmission filters for enhanced energy in mode-locked fiber lasers. <i>Optics Express</i> , 2011 , 19, 23408-23419	3.3	15
155	Signed chromatic dispersion monitoring of 100Gbit/s CS-RZ DQPSK signal by evaluating the asymmetry ratio of delay tap sampling. <i>Optics Express</i> , 2010 , 18, 3149-57	3.3	15
154	Ultrashort pulse train generation using nonlinear optical fibers with exponentially decreasing dispersion. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2014 , 31, 1786	1.7	14
153	On the uniqueness of Gaussian ansatz parameters equations: generalized projection operator method. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2004 , 332, 239-243	2.3	14
152	Numerical modeling of soliton-dragging logic gates. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1993 , 10, 2030	1.7	14
151	Improving Soliton Transmission Systems Through Soliton Interactions. <i>Journal of Lightwave Technology</i> , 2020 , 38, 3563-3572	4	14
150	Performance of optical automatic gain control EDFA with dual-oscillating control lasers. <i>Optics Communications</i> , 2003 , 224, 281-287	2	13
149	Gordon-Haus timing jitter reduction in dispersion-managed soliton communications. <i>IEEE Photonics Technology Letters</i> , 1998 , 10, 702-704	2.2	13

148	Hybrid Graphene-Silicon Based Polarization-Insensitive Electro-Absorption Modulator with High-Modulation Efficiency and Ultra-Broad Bandwidth. <i>Nanomaterials</i> , 2019 , 9,	5.4	12
147	CMOS-compatible 2-bit optical spectral quantization scheme using a silicon-nanocrystal-based horizontal slot waveguide. <i>Scientific Reports</i> , 2014 , 4, 7177	4.9	12
146	All-optical add-drop node for optical packet-switched networks. <i>Optics Letters</i> , 2005 , 30, 1515-7	3	12
145	Impact of Spectral Filtering on Multipulsing Instability in Mode-Locked Fiber Lasers. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2018 , 24, 1-9	3.8	11
144	Deterministic generation of single soliton Kerr frequency comb in microresonators by a single shot pulsed trigger. <i>Optics Express</i> , 2018 , 26, 18563-18577	3.3	11
143	Chromatic dispersion monitoring for multiple modulation formats and data rates using sideband optical filtering and asynchronous amplitude sampling technique. <i>Optics Express</i> , 2011 , 19, 1007-15	3.3	11
142	Ultracompact optical fiber acoustic sensors based on a fiber-top spirally-suspended optomechanical microresonator. <i>Optics Letters</i> , 2020 , 45, 3516-3519	3	11
141	On-chip integratable all-optical quantizer using strong cross-phase modulation in a silicon-organic hybrid slot waveguide. <i>Scientific Reports</i> , 2016 , 6, 19528	4.9	11
140	A comprehensive theoretical model for on-chip microring-based photonic fractional differentiators. <i>Scientific Reports</i> , 2015 , 5, 14216	4.9	10
139	Switchable UWB pulse generation using a polarization maintaining fiber Bragg grating as frequency discriminator. <i>Optics Express</i> , 2010 , 18, 3643-8	3.3	10
138	Radiating and nonradiating behavior of hyperbolic-secant, raised-cosine, and Gaussian input light pulses in dispersion-managed fiber systems. <i>Physical Review E</i> , 2005 , 72, 036613	2.4	10
137	Pedestal free pulse compression of chirped optical solitons. <i>Optics Communications</i> , 2012 , 285, 1449-1455	9	
136	Periodic waves in fiber Bragg gratings. <i>Physical Review E</i> , 2008 , 77, 026602	2.4	9
135	All-Optical Clock Recovery Using Erbium-Doped Fiber Laser Incorporating an Electroabsorption Modulator and a Linear Optical Amplifier. <i>IEEE Photonics Technology Letters</i> , 2007 , 19, 720-722	2.2	9
134	Wavelength-switchable La-codoped bismuth-based erbium-doped fiber ring laser. <i>IEEE Photonics Technology Letters</i> , 2005 , 17, 986-988	2.2	9
133	Comparison of fiber-based Sagnac interferometers for self-switching of optical pulses. <i>Optics Communications</i> , 2005 , 245, 177-186	2	9
132	One-stage erbium ASE source with 80 nm bandwidth and low ripples. <i>Electronics Letters</i> , 2002 , 38, 956	1.1	9
131	Frequency stabilization of DBR fiber grating laser using interferometric technique. <i>IEEE Photonics Technology Letters</i> , 2001 , 13, 951-953	2.2	9

130	Performance Analysis and Experimental Demonstration of a Novel Network Architecture Using Optical Burst Rings for Interpod Communications in Data Centers. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2013 , 19, 3700508-3700508	3.8	8
129	Multiple Raman Pump Assisted Fiber Optical Parametric Amplifiers. <i>Journal of Lightwave Technology</i> , 2011 , 29, 2601-2608	4	8
128	Chromatic Dispersion Monitoring Based on Variance of Received Optical Power. <i>IEEE Photonics Technology Letters</i> , 2011 , 23, 486-488	2.2	8
127	Polarization Splitting of Photonic Crystal Fiber With Hybrid Guidance Mechanisms. <i>IEEE Photonics Technology Letters</i> , 2011 , 23, 1358-1360	2.2	8
126	All-Optical Multicast Switch Employing Raman-Assisted FWM in Dispersion-Shifted Fiber. <i>IEEE Photonics Technology Letters</i> , 2008 , 20, 1730-1732	2.2	8
125	Higher-order soliton compression with pedestal suppression in nonlinear optical loop mirrors constructed from dispersion decreasing fibers. <i>Optics Communications</i> , 2003 , 221, 181-190	2	8
124	Output polarization control of fiber DFB laser using injection locking. <i>IEEE Photonics Technology Letters</i> , 2002 , 14, 920-922	2.2	8
123	Wavelength division multiplexing in an unfiltered soliton communication system. <i>Journal of Lightwave Technology</i> , 1996 , 14, 1449-1454	4	8
122	Tunable fractional-order photonic differentiator based on the inverse Raman scattering in a silicon microring resonator. <i>Optics Express</i> , 2015 , 23, 11141-51	3.3	7
121	High-degree pulse compression and high-coherence supercontinuum generation in a convex dispersion profile. <i>Optics Communications</i> , 2013 , 301-302, 29-33	2	7
120	Optically 3-D μ -Printed Ferrule-Top Polymer Suspended-Mirror Devices. <i>IEEE Sensors Journal</i> , 2017 , 17, 7257-7261	4	7
119	An Optical Millimeter-Wave Generator Using Optical Higher Order Sideband Injection Locking in a Fabry-Pérot Laser Diode. <i>Journal of Lightwave Technology</i> , 2015 , 33, 4985-4996	4	7
118	Simultaneous and Independent OSNR and Chromatic Dispersion Monitoring Using Empirical Moments of Asynchronously Sampled Signal Amplitudes. <i>IEEE Photonics Journal</i> , 2012 , 4, 1340-1350	1.8	7
117	Switchable multiwavelength erbium-doped fiber laser employing wavelength-dependent loss. <i>Optical Fiber Technology</i> , 2011 , 17, 138-140	2.4	7
116	All-optical wavelength conversion and multicasting by cross-gain modulation in a single-stage fiber optical parametric amplifier 2007 ,		7
115	1/spl times/4 all-optical packet switch at 10 gb/s. <i>IEEE Photonics Technology Letters</i> , 2005 , 17, 1289-1291	2.2	7
114	All-optical header processing using control signals generated by direct modulation of a DFB laser. <i>Optics Communications</i> , 2004 , 242, 155-161	2	7
113	Deflection routing in slotted self-routing networks with arbitrary topology. <i>IEEE Journal on Selected Areas in Communications</i> , 2004 , 22, 1812-1822	14.2	7

112	Simultaneous all-optical waveform reshaping of two 10-Gb/s signals using a single injection-locked Fabry-Perot laser diode. <i>IEEE Photonics Technology Letters</i> , 2004 , 16, 1537-1539	2.2	7
111	Simultaneous amplification and compression of ultrashort solitons in an erbium-doped nonlinear amplifying fiber loop mirror. <i>IEEE Journal of Quantum Electronics</i> , 2003 , 39, 555-561	2	7
110	Comprehensive analysis of passive generation of parabolic similaritons in tapered hydrogenated amorphous silicon photonic wires. <i>Scientific Reports</i> , 2017 , 7, 3814	4.9	6
109	Multiwavelength lasers with homogeneous gain and intensity-dependent loss. <i>Optics Communications</i> , 2011 , 284, 2327-2336	2	6
108	Gain Control of Semiconductor Optical Amplifier Using a Bandpass Filter in a Feedback Loop. <i>IEEE Photonics Technology Letters</i> , 2007 , 19, 1401-1403	2.2	6
107	Low beat-noise polarized tunable fiber ring laser. <i>IEEE Photonics Technology Letters</i> , 2006 , 18, 706-708	2.2	6
106	Wavelength and power monitoring of DWDM systems using scanning FB filter calibrated with a FB laser. <i>Optics Communications</i> , 2002 , 210, 219-224	2	6
105	Anisotropic diffusion of the state of polarization in optical fibers with randomly varying birefringence. <i>Optics Letters</i> , 1995 , 20, 2493	3	6
104	Modeling Frequency Comb Sources. <i>Nanophotonics</i> , 2016 , 5, 292-315	6.3	6
103	Degenerate Four-Wave Mixing-Based Light Source for CARS Microspectroscopy. <i>IEEE Photonics Technology Letters</i> , 2016 , 28, 763-766	2.2	5
102	C-band single-longitudinal mode lanthanum co-doped bismuth based erbium doped fiber ring laser. <i>Optics Express</i> , 2009 , 17, 16352-7	3.3	5
101	A hybrid optical buffer 2008 ,		5
100	Large-scale FBG sensors utilizing code division multiplexing 2008 ,		5
99	10-Gb/s Wavelength Transparent Optically Controlled Buffer Using Photonic-Crystal-Fiber-Based Nonlinear Optical Loop Mirror. <i>IEEE Photonics Technology Letters</i> , 2007 , 19, 898-900	2.2	5
98	Width-tunable pulse generation using four-wave mixing in bismuth based highly nonlinear fiber. <i>Optics Communications</i> , 2007 , 275, 223-229	2	5
97	Optical gain of interdiffused GaInNAs/GaAs quantum wells. <i>Applied Physics A: Materials Science and Processing</i> , 2002 , 75, 573-576	2.6	5
96	All-optical header processing using an injection-locked Fabry-Perot laser diode. <i>Microwave and Optical Technology Letters</i> , 2005 , 44, 342-345	1.2	5
95	Soliton-like pulse train generation using a nonlinear optical loop mirror constructed from dispersion decreasing fiber. <i>IEEE Photonics Technology Letters</i> , 2002 , 14, 1427-1429	2.2	5

94	Gigahertz single source IIR microwave photonic filter based on coherence managed multi-longitudinal-mode fiber laser. <i>Optics Express</i> , 2015 , 23, 4277-88	3.3	4
93	Analysis of signed chromatic dispersion monitoring by waveform asymmetry for differentially-coherent phase-modulated systems. <i>Optics Express</i> , 2011 , 19, 4147-56	3.3	4
92	PMD-Insensitive CD Monitoring Based on RF Clock Power Ratio Measurement With Optical Notch Filter. <i>IEEE Photonics Technology Letters</i> , 2011 , 23, 1576-1578	2.2	4
91	All-Optical Wavelength Conversion using Multi-Pump Raman-assisted Four-Wave Mixing 2007 ,		4
90	. <i>Journal of Lightwave Technology</i> , 2007 , 25, 451-462	4	4
89	Analytical method for designing grating-compensated dispersion-managed soliton systems. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2004 , 21, 706	1.7	4
88	All-optical stabilisation of state of polarisation of high speed pulse train using injection-locked laser diode. <i>Electronics Letters</i> , 2002 , 38, 1116	1.1	4
87	Analysis of a soliton-based logic module for a ring network. <i>Journal of Lightwave Technology</i> , 1996 , 14, 1776-1787	4	4
86	Demonstration of Intermodal Four-Wave Mixing by Femtosecond Pulses Centered at 1550 nm in an Air-Silica Photonic Crystal Fiber. <i>Journal of Lightwave Technology</i> , 2017 , 35, 2385-2390	4	3
85	Polarization pulling in Raman assisted fiber optical parametric amplifiers. <i>Optics Express</i> , 2016 , 24, 6884-98	3.3	3
84	Performance Model of Multichannel Deflection-Routed All-Optical Networks With Packet Injection Control. <i>IEEE Transactions on Communications</i> , 2014 , 62, 2494-2506	6.9	3
83	Flat-top pulse generation based on the combined action of active mode locking and nonlinear polarization rotation. <i>Applied Optics</i> , 2014 , 53, 902-6	1.7	3
82	Frequency synchronization of Fourier domain harmonically mode locked fiber laser by monitoring the supermode noise peaks. <i>Optics Express</i> , 2013 , 21, 30255-65	3.3	3
81	Performance Improvement Methods for Burst-Switched Networks. <i>Journal of Optical Communications and Networking</i> , 2011 , 3, 104	4.1	3
80	Polarizing Properties of Photonic Crystal Fibers With High-Index Cladding Defects. <i>Journal of Lightwave Technology</i> , 2010 , 28, 1608-1614	4	3
79	Novel fiber optic polarimetric torsion sensor based on polarization-maintaining photonic crystal fiber 2008 ,		3
78	Method to find the stationary solution parameters of chirped fiber grating compensated dispersion-managed fiber systems. <i>Optics Communications</i> , 2003 , 215, 315-321	2	3
77	Radiating and non-radiating trains of light pulses in dispersion-managed optical fiber systems. <i>Optics Communications</i> , 2005 , 250, 24-35	2	3

76	MRTD electromagnetic scattering analysis. <i>Microwave and Optical Technology Letters</i> , 2001 , 28, 189-195	1.2	3
75	Modeling of soliton-dragging logic gates with gain. <i>Optics Letters</i> , 1994 , 19, 1370-2	3	3
74	Characterizing bifurcations and chaos in multiwavelength lasers with intensity-dependent loss and saturable homogeneous gain. <i>Optics Communications</i> , 2012 , 285, 2144-2153	2	2
73	Deep-ultraviolet second-harmonic generation by combined degenerate four-wave mixing and surface nonlinearity polarization in photonic crystal fiber. <i>Scientific Reports</i> , 2017 , 7, 9224	4.9	2
72	Polarized fiber optical parametric amplification in randomly birefringent fibers. <i>Optics Express</i> , 2015 , 23, 32747-58	3.3	2
71	Chromatic dispersion monitoring using coherent detection and tone power measurement 2009 ,		2
70	Optimization of 3-hole-assisted PMMA optical fiber with double cladding for UV-induced FBG fabrication. <i>Optics Express</i> , 2009 , 17, 2080-8	3.3	2
69	1500-km SSMF Transmission of Mixed 40-Gb/s CS-RZ Duobinary and 100-Gb/s CS-RZ DQPSK Signals. <i>IEEE Photonics Technology Letters</i> , 2009 , 21, 1148-1150	2.2	2
68	Noise characterization of Raman-assisted fiber optical parametric amplifiers 2009 ,		2
67	Optimal noise figure for Raman-assisted fiber optical parametric amplifiers 2008 ,		2
66	Fabry Perot laser diode for pulse generation and its other application 2008 ,		2
65	Behavior of different ansEze in the generalized projection operator method. <i>Chaos, Solitons and Fractals</i> , 2007 , 31, 639-647	9.3	2
64	A Minimalist Approach to All-Optical Packet Switching. <i>Optics and Photonics News</i> , 2005 , 16, 34	1.9	2
63	Gaussian pulse propagation in dispersion-managed systems using chirped fiber gratings with group delay ripples. <i>IEEE Photonics Technology Letters</i> , 2005 , 17, 1025-1027	2.2	2
62	Using 2x2 switching modules to build large 2-D MEMS optical switches		2
61	Reduction of intersymbol interference in dispersion-managed soliton systems compensated by chirped fiber gratings		2
60	A wavelength-switched time-slot routing scheme for wavelength-routed networks 2004 ,		2
59	Reduction of intersymbol interference in dispersion-managed soliton systems compensated by chirped fibre gratings using nonlinear optical loop mirrors. <i>Journal of Optics</i> , 2005 , 7, 315-323		2

58	Deflection routing in slotted self-routing networks with arbitrary topology		2
57	. <i>IEEE Journal of Quantum Electronics</i> , 1995 , 31, 2068-2074	2	2
56	Time Domain Discrete Fourier Domain Mode Locked Laser With k-Space Uniform Comb Lines. <i>Journal of Lightwave Technology</i> , 2021 , 39, 2949-2955	4	2
55	Spectrally-isolated violet to blue wavelength generation by cascaded degenerate four-wave mixing in a photonic crystal fiber. <i>Optics Letters</i> , 2016 , 41, 2612-5	3	2
54	Discrete Fourier domain harmonically mode locked laser by mode hopping modulation 2019 ,		1
53	Generation of Second-Harmonics Near Ultraviolet Wavelengths From Femtosecond Pump Pulses. <i>IEEE Photonics Technology Letters</i> , 2016 , 28, 1719-1722	2.2	1
52	Red-shifted solitons for coherent anti-Stokes Raman scattering microspectroscopy in a polarization-maintaining photonic crystal fiber. <i>Optical Engineering</i> , 2015 , 54, 056107	1.1	1
51	High-repetition-rate pulse generation using dual-mode self-injection locking in a Fabry-Perot laser diode. <i>Optical Engineering</i> , 2010 , 49, 074201	1.1	1
50	Fourier analysis for hydrostatic pressure sensing in a polarization-maintaining photonic crystal fiber. <i>Applied Optics</i> , 2010 , 49, 6861-7	0.2	1
49	Fast FBG sensor interrogation system using vertical cavity surface emitting laser source 2009 ,		1
48	Lightpath Affiliation Graph approach for wavelength assignment of lambda leasing service 2009 ,		1
47	Fiber optic pressure sensor based on polarization-maintaining photonic crystal fiber for downhole application 2009 ,		1
46	Tunable polarization maintaining fiber Bragg grating based OSNR monitor. <i>Optical Fiber Technology</i> , 2010 , 16, 222-224	2.4	1
45	6.4-dB Enhancement of the Gain of a Raman-assisted Fiber Optical Parametric Amplifier Over the Sum of the Gains of Individual Amplifiers 2008 ,		1
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