

Sien Chi

List of Publications by Year in descending order

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427
papers

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433
docs citations

433
times ranked

2894
citing authors

#	ARTICLE	IF	CITATIONS
1	Large phase shift of nonlocal optical spatial solitons. <i>Physical Review E</i> , 2004, 69, 016602.	2.1	246
2	Spectrally Efficient Direct-Detected OFDM Transmission Incorporating a Tunable Frequency Gap and an Iterative Detection Techniques. <i>Journal of Lightwave Technology</i> , 2009, 27, 5723-5735.	4.6	176
3	Spectrally efficient direct-detected OFDM transmission employing an iterative estimation and cancellation technique. <i>Optics Express</i> , 2009, 17, 9099.	3.4	159
4	Hybrid Optical Access Network Integrating Fiber-to-the-Home and Radio-Over-Fiber Systems. <i>IEEE Photonics Technology Letters</i> , 2007, 19, 610-612.	2.5	149
5	Performance Comparison of OFDM Signal and CAP Signal Over High Capacity RGB-LED-Based WDM Visible Light Communication. <i>IEEE Photonics Journal</i> , 2013, 5, 7901507-7901507.	2.0	149
6	Theoretical and Experimental Investigations of Direct-Detected RF-Tone-Assisted Optical OFDM Systems. <i>Journal of Lightwave Technology</i> , 2009, 27, 1332-1339.	4.6	142
7	Optical Millimeter-Wave Signal Generation Using Frequency Quadrupling Technique and No Optical Filtering. <i>IEEE Photonics Technology Letters</i> , 2008, 20, 1027-1029.	2.5	130
8	Vector theory of self-focusing of an optical beam in Kerr media. <i>Optics Letters</i> , 1995, 20, 1598.	3.3	129
9	Optical Millimeter-Wave Signal Generation Via Frequency 12-Tupling. <i>Journal of Lightwave Technology</i> , 2010, 28, 71-78.	4.6	113
10	Nonlinear photonic switching by using the spatial soliton collision. <i>Optics Letters</i> , 1990, 15, 1123.	3.3	97
11	WDM extended reach passive optical networks using OFDM-QAM. <i>Optics Express</i> , 2008, 16, 12096.	3.4	96
12	Impact of Nonlinear Transfer Function and Imperfect Splitting Ratio of MZM on Optical Up-Conversion Employing Double Sideband With Carrier Suppression Modulation. <i>Journal of Lightwave Technology</i> , 2008, 26, 2449-2459.	4.6	88
13	Ultra-High Data-Rate 60 GHz Radio-Over-Fiber Systems Employing Optical Frequency Multiplication and OFDM Formats. <i>Journal of Lightwave Technology</i> , 2010, 28, 2296-2306.	4.6	87
14	Long-Distance FBG Sensor System Using a Linear-Cavity Fiber Raman Laser Scheme. <i>IEEE Photonics Technology Letters</i> , 2004, 16, 575-577.	2.5	79
15	Studies of OFDM signal for broadband optical access networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2010, 28, 800-807.	14.0	72
16	A continuously tunable and filterless optical millimeter-wave generation via frequency octupling. <i>Optics Express</i> , 2009, 17, 19749.	3.4	69
17	Simultaneous Generation of Baseband and Radio Signals Using Only One Single-Electrode Mach-Zehnder Modulator With Enhanced Linearity. <i>IEEE Photonics Technology Letters</i> , 2006, 18, 2481-2483.	2.5	67
18	Signal Remodulation of OFDM-QAM for Long Reach Carrier Distributed Passive Optical Networks. <i>IEEE Photonics Technology Letters</i> , 2009, 21, 715-717.	2.5	64

#	ARTICLE	IF	CITATIONS
19	A tunable dual-wavelength erbium-doped fiber ring laser using a self-seeded Fabry-Perot laser diode. IEEE Photonics Technology Letters, 2003, 15, 661-663.	2.5	62
20	Constellation Deployment for the FORMOSAT-3/COSMIC Mission. IEEE Transactions on Geoscience and Remote Sensing, 2008, 46, 3367-3379.	6.3	62
21	A tunable S-band erbium-doped fiber ring laser. IEEE Photonics Technology Letters, 2003, 15, 1053-1054.	2.5	60
22	Intensity and Wavelength-Division Multiplexing FBG Sensor System Using a Tunable Multiport Fiber Ring Laser. IEEE Photonics Technology Letters, 2004, 16, 230-232.	2.5	56
23	Optical direct-detection OFDM signal generation for radio-over-fiber link using frequency doubling scheme with carrier suppression. Optics Express, 2008, 16, 6056.	3.4	56
24	Photonic vector signal generation at microwave/millimeter-wave bands employing an optical frequency quadrupling scheme. Optics Letters, 2009, 34, 2171.	3.3	55
25	FORMOSAT-3/COSMIC Constellation Spacecraft System Performance: After One Year in Orbit. IEEE Transactions on Geoscience and Remote Sensing, 2008, 46, 3380-3394.	6.3	51
26	Long-distance fiber grating sensor system using a fiber ring laser with EDWA and SOA. Optics Communications, 2005, 252, 127-131.	2.1	47
27	Theory and Technology for Standard WiMAX Over Fiber in High Speed Train Systems. Journal of Lightwave Technology, 2010, 28, 2327-2336.	4.6	47
28	FORMOSAT-3/COSMIC Spacecraft Constellation System, Mission Results, and Prospect for Follow-On Mission. Terrestrial, Atmospheric and Oceanic Sciences, 2009, 20, 1.	0.6	46
29	Tunable and stable single-longitudinal-mode dualwavelength erbium fiber laser with 1.3 nm mode spacing output. Laser Physics Letters, 2008, 5, 821-824.	1.4	44
30	Raman cross talk of soliton collision in a lossless fiber. Optics Letters, 1989, 14, 1216.	3.3	43
31	Wideband tunable fiber short-pass filter based on side-polished fiber with dispersive polymer overlay. Optics Letters, 2004, 29, 2219.	3.3	42
32	Dynamic power-equalized EDFA module based on strain tunable fiber Bragg gratings. IEEE Photonics Technology Letters, 1999, 11, 797-799.	2.5	41
33	A tunable and single-frequency S-band erbium fiber laser with saturable-absorber-based autotracking filter. Optics Communications, 2005, 250, 163-167.	2.1	38
34	A broadband fiber ring laser technique with stable and tunable signal-frequency operation. Optics Express, 2005, 13, 5240.	3.4	38
35	Optical beams in sub-strongly non-local nonlinear media: A variational solution. Optics Communications, 2006, 259, 336-341.	2.1	38
36	High spectral efficient W-band OFDM-RoF system with direct-detection by two cascaded single-drive MZMs. Optics Express, 2013, 21, 16615.	3.4	38

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37	120-nm Bandwidth Erbium-Doped Fiber Amplifier in Parallel Configuration. IEEE Photonics Technology Letters, 2004, 16, 1637-1639.	2.5	37
38	Optical trapping of a spherically symmetric sphere in the ray-optics regime: a model for optical tweezers upon cells. Applied Optics, 2006, 45, 3885.	2.1	37
39	Stabilized dual-wavelength erbium-doped dual-ring fiber laser. Optics Express, 2007, 15, 13844.	3.4	37
40	Rayleigh Noise Mitigation Using Single-Sideband Modulation Generated by a Dual-Parallel MZM for Carrier Distributed PON. IEEE Photonics Technology Letters, 2010, 22, 820-822.	2.5	36
41	A Novel Direct Detection Microwave Photonic Vector Modulation Scheme for Radio-Over-Fiber System. IEEE Photonics Technology Letters, 2008, 20, 1106-1108.	2.5	35
42	Optical fiber-fault surveillance for passive optical networks in S-band operation window. Optics Express, 2005, 13, 5494.	3.4	34
43	A self-protected colorless WDM-PON with 2.5 Gb/s upstream signal based on RSOA. Optics Express, 2008, 16, 12296.	3.4	34
44	Full duplex 60-GHz RoF link employing tandem single sideband modulation scheme and high spectral efficiency modulation format. Optics Express, 2009, 17, 19501.	3.4	34
45	Using OOK Modulation for Symmetric 40-Gb/s Long-Reach Time-Sharing Passive Optical Networks. IEEE Photonics Technology Letters, 2010, 22, 619-621.	2.5	34
46	A New Pixel Circuit Compensating for Brightness Variation in Large Size and High Resolution AMOLED Displays. Journal of Display Technology, 2007, 3, 398-403.	1.2	33
47	Simple 14-Gb/s Short-Range Radio-Over-Fiber System Employing a Single-Electrode MZM for 60-GHz Wireless Applications. Journal of Lightwave Technology, 2010, 28, 2238-2246.	4.6	33
48	Optical Millimeter-Wave Up-Conversion Employing Frequency Quadrupling Without Optical Filtering. IEEE Transactions on Microwave Theory and Techniques, 2009, 57, 2084-2092.	4.6	32
49	Volume polarization holographic recording in thick photopolymer for optical memory. Optics Express, 2014, 22, 14944.	3.4	32
50	Self-Healing Ring-Based Time-Sharing Passive Optical Networks. IEEE Photonics Technology Letters, 2007, 19, 1139-1141.	2.5	31
51	Estimation of the Bit Error Rate for Direct-Detected OFDM Signals With Optically Pre-amplified Receivers. Journal of Lightwave Technology, 2009, 27, 1340-1346.	4.6	31
52	A novel fiber-laser-based sensor network with self-healing function. IEEE Photonics Technology Letters, 2003, 15, 275-277.	2.5	30
53	Unitizations of double-ring structure and Erbium-doped waveguide amplifier for stable and tunable fiber laser. Laser Physics Letters, 2007, 4, 382-384.	1.4	30
54	Photonic vector signal generation employing a novel optical direct-detection in-phase/quadrature-phase upconversion. Optics Letters, 2010, 35, 4069.	3.3	29

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55	Using four wavelength-multiplexed self-seeding Fabry-Perot lasers for 10 Gbps upstream traffic in TDM-PON. Optics Express, 2008, 16, 18857.	3.4	28
56	Generation of optical millimeter-wave signals and vector formats using an integrated optical I/Q modulator [Invited]. Journal of Optical Networking, 2009, 8, 188.	2.5	28
57	WDM up-conversion employing frequency quadrupling in optical modulator. Optics Express, 2009, 17, 1726.	3.4	28
58	Analog-to-Digital Conversion Using Sub-Nyquist Sampling Rate in Flexible Delay-Division Multiplexing OFDMA PONs. Journal of Lightwave Technology, 2016, 34, 2381-2390.	4.6	28
59	Entropy of Entropy: Measurement of Dynamical Complexity for Biological Systems. Entropy, 2017, 19, 550.	2.2	28
60	Utilization of self-injection Fabry-Perot laser diode for long-reach WDM-PON. Optical Fiber Technology, 2010, 16, 46-49.	2.7	26
61	Multichannel add/drop and cross-connect using fibre Bragg gratings and optical switches. Electronics Letters, 1998, 34, 1601.	1.0	25
62	Nonlinear light beam propagation in uniaxial crystals: nonlinear refractive index, self-trapping and self-focusing. Journal of Optics, 2000, 2, 5-15.	1.5	25
63	Cost-effective wavelength-tunable fiber laser using self-seeding Fabry-Perot laser diode. Optics Express, 2008, 16, 435.	3.4	25
64	Multiwavelength erbium-doped fiber ring laser employing Fabry-Perot etalon inside cavity operating in room temperature. Optical Fiber Technology, 2009, 15, 344-347.	2.7	25
65	The modified star-ring architecture for high-capacity subcarrier multiplexed passive optical networks. Journal of Lightwave Technology, 2001, 19, 32-39.	4.6	24
66	Fiber-fault monitoring technique for passive optical networks based on fiber Bragg gratings and semiconductor optical amplifier. Optics Communications, 2006, 257, 306-310.	2.1	24
67	Analysis of the carrier-suppressed single-sideband modulators used to mitigate Rayleigh backscattering in carrier-distributed PON. Optics Express, 2011, 19, 10973.	3.4	24
68	All-optical gain-clamped wideband serial EDFA with ring-shaped laser. Optics Communications, 2004, 229, 317-323.	2.1	23
69	Experimental Demonstration of a Coherently Modulated and Directly Detected Optical OFDM System Using an RF-Tone Insertion. , 2008, , .		23
70	On the Phase Noise Impact in Direct-Detection Optical OFDM Transmission. IEEE Photonics Technology Letters, 2010, 22, 649-651.	2.5	23
71	Femtosecond soliton propagation in erbium-doped fiber amplifiers: the equivalence of two different models. Optics Communications, 1994, 106, 193-196.	2.1	22
72	Effect of Au thickness on laser beam penetration in semiconductor laser packages. IEEE Transactions on Advanced Packaging, 1997, 20, 396-402.	0.6	22

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73	Recovery of the soliton self-frequency shift by optical phase conjugation. <i>Optics Letters</i> , 1994, 19, 1705.	3.3	21
74	Hybrid 10-Gb/s, 2.5-Gb/s, 64-QAM, and AM-VSB high-capacity wavelength-division-multiplexing transport systems using SMF and LEAF fibers. <i>IEEE Photonics Technology Letters</i> , 2002, 14, 230-232.	2.5	21
75	Rayleigh Backscattering Performance of OFDM-QAM in Carrier Distributed Passive Optical Networks. <i>IEEE Photonics Technology Letters</i> , 2008, 20, 1848-1850.	2.5	21
76	Signal-Remodulated Wired/Wireless Access Using Reflective Semiconductor Optical Amplifier With Wireless Signal Broadcast. <i>IEEE Photonics Technology Letters</i> , 2009, 21, 1459-1461.	2.5	21
77	Simultaneous Generation and Transmission of 60-GHz Wireless and Baseband Wireline Signals With Uplink Transmission Using an RSOA. <i>IEEE Photonics Technology Letters</i> , 2010, 22, 1099-1101.	2.5	21
78	100-GHz DD-OFDM-RoF system over 150-km fiber transmission employing pilot-aided phase noise suppression and bit-loading algorithm. <i>Optics Express</i> , 2014, 22, 3938.	3.4	21
79	Triple-wavelength erbium fiber ring laser based on compound-ring scheme. <i>Optics Express</i> , 2007, 15, 17980.	3.4	20
80	Hybrid Access Network Integrated With Wireless Multilevel Vector and Wired Baseband Signals Using Frequency Doubling and No Optical Filtering. <i>IEEE Photonics Technology Letters</i> , 2009, 21, 857-859.	2.5	20
81	Indoor VLC System With Multiple LEDs of Different Path Lengths Employing Space-Time Block-Coded DMT/CAP Modulation [Invited]. <i>Journal of Optical Communications and Networking</i> , 2015, 7, A459.	4.8	20
82	Long-reach 60-GHz MMWoF link with free-running laser diodes beating. <i>Scientific Reports</i> , 2018, 8, 13711.	3.3	20
83	Approximate solution of optical soliton in lossless fibres with third-order dispersion. <i>Optical and Quantum Electronics</i> , 1989, 21, 335-341.	3.3	19
84	Multichannel bidirectional transmission using a WDM MUX/DMUX pair and unidirectional in-line amplifiers. <i>IEEE Photonics Technology Letters</i> , 1997, 9, 1664-1666.	2.5	19
85	Four-wave mixing between pump and signal in a distributed raman amplifier. <i>Journal of Lightwave Technology</i> , 2003, 21, 1164-1170.	4.6	19
86	A Stabilized and Tunable Erbium-Doped Fiber Ring Laser With Double Optical Filter. <i>IEEE Photonics Technology Letters</i> , 2004, 16, 765-767.	2.5	19
87	Optical trapping of a spherically symmetric rayleigh sphere: a model for optical tweezers upon cells. <i>Optics Communications</i> , 2005, 246, 97-105.	2.1	19
88	Utilizations of EDFA and SOA in series for broadband gain amplification. <i>Laser Physics Letters</i> , 2007, 4, 433-436.	1.4	19
89	Mitigation of Signal Distortions Using Reference Signal Distribution With Colorless Remote Antenna Units for Radio-Over-Fiber Applications. <i>Journal of Lightwave Technology</i> , 2009, 27, 4773-4780.	4.6	19
90	Tunable Dual-Wavelength Fiber Laser Using Optical-Injection Fabry-Pérot Laser. <i>IEEE Photonics Technology Letters</i> , 2009, 21, 125-127.	2.5	19

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91	A simple self-restored fiber Bragg grating (FBG)-based passive sensing ring network. Measurement Science and Technology, 2009, 20, 043001.	2.6	18
92	Employing external injection-locked Fabry-Perot laser scheme for mm-wave generation. Laser Physics, 2011, 21, 718-721.	1.2	18
93	Power equalized wavelength-selective fiber lasers using fiber Bragg gratings. Optics Communications, 1998, 155, 255-259.	2.1	17
94	Gain flattening of erbium-doped fibre amplifier using fibre Bragg gratings. Electronics Letters, 1998, 34, 555.	1.0	17
95	Using ring-filter and saturable-absorber-based filter for stable erbium fiber laser. Laser Physics Letters, 2007, 4, 543-545.	1.4	17
96	Cost-Effective Multiservices Hybrid Access Networks With no Optical Filter at Remote Nodes. IEEE Photonics Technology Letters, 2008, 20, 812-814.	2.5	17
97	Foundation of direct perturbation method for dark solitons. Journal of Physics A, 1999, 32, 3939-3945.	1.6	16
98	Stabilized and wavelength-tunable S-Band erbium-doped fiber ring laser with single-longitudinal-mode operation. Optics Express, 2005, 13, 6828.	3.4	16
99	Multiwavelength fiber laser using S-band erbium-doped fiber amplifier and semiconductor optical amplifier. Optics Communications, 2006, 259, 200-203.	2.1	16
100	Mission Results from FORMOSAT-3/COSMIC Constellation System. Journal of Spacecraft and Rockets, 2008, 45, 1293-1302.	1.9	16
101	Experimental Demonstration of 340 km SSMF Transmission Using a Virtual Single Sideband OFDM Signal that Employs Carrier Suppressed and Iterative Detection Techniques. , 2008, , .		16
102	Using Fabry-Perot laser diode and reflective semiconductor optical amplifier for long reach WDM-PON system. Optics Communications, 2011, 284, 5148-5152.	2.1	16
103	Performance Evaluation of a 60 GHz Radio-over-Fiber System Employing MIMO and OFDM Modulation. IEEE Journal on Selected Areas in Communications, 2013, 31, 780-787.	14.0	16
104	Tunable Er ³⁺ -doped fiber amplifiers covering S and C+L bands over 1490-1610 nm based on discrete fundamental-mode cutoff filters. Optics Letters, 2006, 31, 2842.	3.3	15
105	Transmission of 20-Gb/s OFDM signals occupying 7-GHz license-free band at 60 GHz using a RoF system employing frequency sextupling optical up-conversion. Optics Express, 2010, 18, 12748.	3.4	15
106	Average Entropy: Measurement of disorder for cardiac RR interval signals. Physica A: Statistical Mechanics and Its Applications, 2019, 529, 121533.	2.6	15
107	Subwavelength spatial solitons of TE mode. Optics Communications, 1998, 157, 170-172.	2.1	14
108	Self-healing fibre grating sensor system using tunable multiport fibre laser scheme for intensity and wavelength division multiplexing. Electronics Letters, 2002, 38, 1510.	1.0	14

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109	Fabrication of light-shaping diffusion screens. Optics Communications, 2002, 214, 55-63.	2.1	14
110	Influence of a holey cladding structure on spectral characteristics of side-polished endlessly single-mode photonic crystal fibers. Optics Letters, 2006, 31, 2251.	3.3	14
111	Double-pass high-gain low-noise EDFA over S- and C+L-bands by tunable fundamental-mode leakage loss. Optics Express, 2007, 15, 1454.	3.4	14
112	Reliable tree-type passive optical networks with self-restorable apparatus. Optics Express, 2008, 16, 4494.	3.4	14
113	Generation of Carrier Suppressed Optical mm-wave Signals using Frequency Quadrupling and no Optical Filtering. , 2008, , .		14
114	Beam propagation method analysis of transverse-electric waves propagating in a nonlinear tapered planar waveguide. Journal of the Optical Society of America B: Optical Physics, 1991, 8, 2318.	2.1	13
115	S- plus C-band erbium-doped fiber amplifier in parallel structure. Optics Communications, 2004, 241, 443-447.	2.1	13
116	Simultaneously gain-flattened and gain-clamped erbium fiber amplifier. Laser Physics, 2009, 19, 1246-1251.	1.2	13
117	Estimation and Suppression of Dispersion-Induced Phase Noise in W-band Direct-Detection OFDM Radio-Over-Fiber Systems. Journal of Lightwave Technology, 2014, 32, 3874-3884.	4.6	13
118	Mode-locked erbium-doped fibre ring laser using nonlinear polarization rotation. Journal of Modern Optics, 1998, 45, 355-362.	1.3	12
119	A reliable architecture for broad-band fiber-wireless access networks. IEEE Photonics Technology Letters, 2003, 15, 344-346.	2.5	12
120	Widely tunable asymmetric long-period fiber grating with high sensitivity using optical polymer on laser-ablated cladding. Optics Letters, 2007, 32, 2082.	3.3	12
121	Reliable architecture for high-capacity fiber-radio systems. Optical Fiber Technology, 2007, 13, 236-239.	2.7	12
122	Analysis of Thermo-Optic Tunable Dispersion-Engineered Short-Wavelength-Pass Tapered-Fiber Filters. Journal of Lightwave Technology, 2009, 27, 2208-2215.	4.6	12
123	An Investigation Study on Mode Mixing Separation in Empirical Mode Decomposition. IEEE Access, 2019, 7, 100684-100691.	4.2	12
124	Self-induced transparency in a dispersive and nonlinear Kerr host medium. Optics Letters, 1991, 16, 1575.	3.3	11
125	Characteristics of the gain and signal-to-noise ratio of a distributed erbium-doped fiber amplifier. Journal of Lightwave Technology, 1992, 10, 1869-1878.	4.6	11
126	Effect of cross-phase modulation on optical phase conjugation in dispersion-shifted fiber. Optics Letters, 1994, 19, 939.	3.3	11

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127	Parallel pump-shared linear cavity laser array using 980-nm pump reflectors or N pieces of gain fibers as self-equalizers. IEEE Photonics Technology Letters, 2000, 12, 19-21.	2.5	11
128	Femtosecond soliton propagation in an optical fiber. Optik, 2002, 113, 267-271.	2.9	11
129	Band Gain-Clamped Erbium-Doped Fiber Amplifier by Using Optical Feedback Method. IEEE Photonics Technology Letters, 2004, 16, 90-92.	2.5	11
130	Fiber Bragg Grating-Based Multiplexed Sensing System Employing Fiber Laser Scheme with Semiconductor Optical Amplifier. Japanese Journal of Applied Physics, 2005, 44, 6590-6592.	1.5	11
131	S-Band long-distance fiber Bragg grating sensor system. Optical Fiber Technology, 2007, 13, 170-173.	2.7	11
132	Using C-band erbium-doped fiber amplifier with two-ring scheme for broadly wavelength-tuning fiber ring laser. Optics Communications, 2009, 282, 546-549.	2.1	11
133	28-Gb/s 16-QAM OFDM Radio-over-Fiber System Within 7-GHz License-Free Band at 60 GHz Employing All-Optical Up-conversion. , 2009, , .		11
134	Distributed erbium-doped fiber amplifiers with stimulated Raman scattering. IEEE Photonics Technology Letters, 1992, 4, 189-192.	2.5	10
135	Phase conjugation by four-wave mixing in single-mode fibers. IEEE Photonics Technology Letters, 1994, 6, 1448-1450.	2.5	10
136	Approximate analytical description for fundamental-mode fields of graded-index fibers: beyond the Gaussian approximation. Journal of Lightwave Technology, 2001, 19, 54-59.	4.6	10
137	Generation of Wavelength-Tunable Optical Pulses Using a Linear-Cavity Fiber Laser Scheme With a Fabry-Pérot Laser Diode. IEEE Photonics Technology Letters, 2004, 16, 1023-1025.	2.5	10
138	An efficient local fundamental-mode cutoff for thermo-optic tunable Er ³⁺ -doped fiber ring laser. Optics Express, 2005, 13, 7250.	3.4	10
139	Operations Challenges from the FORMOSAT-3/COSMIC Constellation for Global Earth Weather Monitoring. , 2007, , .		10
140	Towards the short-wavelength limit lasing at 1450 nm over 4I _{13/2} ? 4I _{15/2} transition in silica-based erbium-doped fiber. Optics Express, 2007, 15, 16448.	3.4	10
141	Effects of filter bandwidth and driving voltage on optical duobinary transmission systems. Optical Fiber Technology, 2007, 13, 231-235.	2.7	10
142	Wavelength-tunable erbium fiber ring laser in single-frequency operation utilizing Fabry-Pérot laser with Sagnac cavity. Optics Communications, 2008, 281, 2454-2458.	2.1	10
143	Tunable Dual-Wavelength Fiber Laser Using Optical-Injection Fabry-Pérot Laser. IEEE Photonics Technology Letters, 2008, 20, 2093-2095.	2.5	10
144	Influence of depressed-index outer ring on evanescent tunneling loss in tapered double-cladding fibers. Optics Letters, 2008, 33, 1666.	3.3	10

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145	Using 10 Gb/s remodulation DPSK signal in self-restored colorless WDM-PON system. <i>Optical Fiber Technology</i> , 2009, 15, 274-278.	2.7	10
146	Rayleigh Backscattering Circumvention in Ring-Based Access Network Using RSOA-ONU. <i>IEEE Photonics Technology Letters</i> , 2011, 23, 1121-1123.	2.5	10
147	Theory of self-induced transparency in a Kerr host medium beyond the slowly-varying-envelope approximation. <i>Physical Review A</i> , 1993, 47, 3371-3379.	2.5	9
148	Fault-locating and supervisory technique for multistaged branched optical networks. <i>IEEE Photonics Technology Letters</i> , 1994, 6, 876-879.	2.5	9
149	High-dynamic-range optical cross-connect device using fiber Bragg gratings. <i>IEEE Photonics Technology Letters</i> , 1999, 11, 1054-1056.	2.5	9
150	Two-stage L-band EDFA applying C/L-band wavelength-division multiplexer with the counterpropagating partial gain-clamping. <i>IEEE Photonics Technology Letters</i> , 2003, 15, 1710-1712.	2.5	9
151	A DWDM/SCM self-healing architecture for broad-band subscriber networks. <i>Journal of Lightwave Technology</i> , 2003, 21, 319-328.	4.6	9
152	Hybrid L-Band Optical Fiber Amplifier Module with Erbium-Doped Fiber Amplifiers and Semiconductor Optical Amplifier. <i>Japanese Journal of Applied Physics</i> , 2004, 43, 5357-5358.	1.5	9
153	Stable and wavelength-tunable erbium-doped fiber double-ring laser in S-band window operation. <i>Optics Communications</i> , 2005, 249, 261-264.	2.1	9
154	A tunable erbium-doped fiber ring laser with power-equalized output. <i>Optics Express</i> , 2006, 14, 12828.	3.4	9
155	Utilizations of two-stage erbium amplifier and saturable-absorber filter for tunable and stable power-equalized fiber laser. <i>Optics Express</i> , 2007, 15, 3680.	3.4	9
156	Space-Based Global Weather Monitoring System: FORMOSAT-3/COSMIC Constellation and Its Follow-On Mission. <i>Journal of Spacecraft and Rockets</i> , 2009, 46, 883-891.	1.9	9
157	A π -Band Photonic Transmitter-Mixer Based on High-Power Near-Ballistic Uni-Traveling-Carrier Photodiodes for BPSK and QPSK Data Transmission Under Bias Modulation. <i>IEEE Photonics Technology Letters</i> , 2009, 21, 1039-1041.	2.5	9
158	Interaction of optical solitons with a forward Raman pump wave. <i>Optics Letters</i> , 1989, 14, 84.	3.3	8
159	Coexistence of a self-induced transparency soliton and a Bragg soliton. <i>Physical Review E</i> , 2002, 66, 056606.	2.1	8
160	Ultrashort bragg soliton in a fiber bragg grating. <i>Optics Communications</i> , 2002, 206, 115-121.	2.1	8
161	Dissipative soliton in an amplifier with a Bragg grating. <i>Optics Letters</i> , 2003, 28, 2216.	3.3	8
162	Single-Frequency Tunable Fiber Ring Laser Based on Erbium-Doped Waveguide Amplifier and Double Filters. <i>Japanese Journal of Applied Physics</i> , 2005, 44, 231-232.	1.5	8

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163	Dual-wavelength S-band erbium-doped fiber double-ring laser. <i>Laser Physics</i> , 2008, 18, 1553-1556.	1.2	8
164	Broadband access technology for passive optical network. , 2009, , .		8
165	A Full duplex radio-over-fiber link with Multi-level OFDM signal via a single-electrode MZM and wavelength reuse with RSOA. <i>Optics Express</i> , 2010, 18, 2710.	3.4	8
166	High spectral efficient W-band optical/wireless system employing Single-Sideband Single-Carrier Modulation. <i>Optics Express</i> , 2014, 22, 3911.	3.4	8
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