Sien Chi

List of Publications by Year
in descending order

427	5,912	101543	123424
papers	citations	36 h-index	61 g-index

433	433	433	2894
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fronthaul Optical Links Using Sub-Nyquist Sampling Rate ADC for B5G/6G Sub-THz Ma-MIMO Beamforming. IEEE Access, 2022, 10, 236-243.	4.2	8
2	Mobile 14-GHz Bandwidth Fronthaul Link Supporting 128 RF-Chain Signals for 6G Ma-MIMO Beamforming. , 2022, , .		0
3	Auxiliary Reference Samples for Extrapolating Spectral Reflectance from Camera RGB Signals. Sensors, 2022, 22, 4923.	3.8	2
4	Gait Stability Measurement by Using Average Entropy. Entropy, 2021, 23, 412.	2.2	3
5	Incoherent Laser Heterodyned Long-Reach 60-GHz MMWoF Link With Volterra Filtered 16-QAM OFDM Beyond 13 Gbps. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-11.	2.9	8
6	Fronthaul Optical Links Implemented by Using Sub-Nyquist Sampling Rate ADC for B5G/6G Sub-THz Ma-MIMO Beamforming. , 2021, , .		0
7	Broadband Wired and Wireless Access System with Novel Sub-Nyquist Sampling-Rate ADC Receiver. , 2020, , .		1
8	Complexity and Disorder of 1/fÎ± Noises. Entropy, 2020, 22, 1127.	2.2	3
9	Discrimination of Severity of Alzheimerâ€™s Disease with Multiscale Entropy Analysis of EEG Dynamics. Applied Sciences (Switzerland), 2020, 10, 1244.	2.5	8
10	Multiscale Entropy Analysis with Low-Dimensional Exhaustive Search for Detecting Heart Failure. Applied Sciences (Switzerland), 2019, 9, 3496.	2.5	6
11	An Investigation Study on Mode Mixing Separation in Empirical Mode Decomposition. IEEE Access, 2019, 7, 100684-100691.	4.2	12
12	Average Entropy: Measurement of disorder for cardiac RR interval signals. Physica A: Statistical Mechanics and Its Applications, 2019, 529, 121533.	2.6	15
13	A Numerical Solution for Broadband PLC Splitter with Variable Splitting Ratio Based on Asymmetric Three Waveguide Structures. Applied Sciences (Switzerland), 2019, 9, 1892.	2.5	8
14	58.74-Gb/s $2imes2$ MIMO 60-GHz Optical/Wireless System With Simple Power-Detector Down-Conversion. IEEE Photonics Technology Letters, 2019, 31, 897-900.	2.5	0
15	The Static Standing Postural Stability Measured by Average Entropy. Entropy, 2019, 21, 1210.	2.2	3
16	Long-reach 60-GHz MMWoF link with free-running laser diodes beating. Scientific Reports, 2018, 8, 13711.	3.3	20
17	43.63-Gbit/s Multiple-User SC-FDMA PON With Sub-Nyquist Receiver and PAPR Reduction. IEEE Photonics Technology Letters, 2018, 30, 1663-1666.	2.5	7
18	43.63-Gbit/s multiple-user SC-FDMA PON with sub-Nyquist receiver and PAPR reduction. , 2018, , .		1

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19	DFT/IDFT-free receiving scheme for spread-OFDM signals employing low-sampling-rate ADCs. Optics Express, 2017, 25, 27750.	3.4	4
20	Entropy of Entropy: Measurement of Dynamical Complexity for Biological Systems. Entropy, 2017, 19, 550.	2.2	28
21	Simplified 27.15 Gbits/s Spread-OFDM PON using DFT/IDFT-free Receiver with 1/16 Sub-Nyquist Sampling Rate. , 2017, , .		0
22	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
23	Broadband 3-dB splitter based on the weighted structure waveguides by the Blackman function. , 2015, , .		1
24	A good performance 3-dB splitter based on coupling-weighted and velocity-tapered waveguides. Optics Communications, 2015, 350, 97-102.	2.1	2
25	Indoor VLC System With Multiple LEDs of Different Path Lengths Employing Spaceâ€“Time Block-Coded DMT/CAP Modulation [Invited]. Journal of Optical Communications and Networking, 2015, 7, A459.	4.8	20
26	5-bit/s/Hz 50-Gbps W-band Optical/Wireless System Employing Single-Sideband Single-Carrier Modulation. , 2014, , .		1
27	High spectral efficient W-band optical/wireless system employing Single-Sideband Single-Carrier Modulation. Optics Express, 2014, 22, 3911.	3.4	8
28	100-GHz DD-OFDM-RoF system over 150-km fiber transmission employing pilot-aided phase noise suppression and bit-loading algorithm. Optics Express, 2014, 22, 3938.	3.4	21
29	Volume polarization holographic recording in thick photopolymer for optical memory. Optics Express, 2014, 22, 14944.	3.4	32
30	150-km 103-GHz Direct-Detection OFDM-RoF System Employing Pilot-aided Phase Noise Suppression. , 2014, , .		6
31	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
32	Influence of fabrication conditions on characteristics of phenanthrenequinone-doped poly(methyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.1	5
33	Two-wavelength holographic recording in photopolymer using four-energy-level system: experiments and modeling. Optical Engineering, 2014, 53, 112303.	1.0	5
34	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
35	Performance Comparison of OFDM Signal and CAP Signal Over High Capacity RGB-LED-Based WDM Visible Light Communication. IEEE Photonics Journal, 2013, 5, 7901507-7901507.	2.0	149
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37	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
38	4.64-bit/s/Hz 46.4-Gbps W-band direct-detection OFDM-RoF system employing two cascaded single-drive MZMs. , 2013, , .		0
39	76-Gb/s Highly Spectrally Efficient 22 MIMO 60-GHz RoF System Employing I/Q Imbalance Compensation. , 2013, , .		1
40	Direct-detection polarization division multiplexed orthogonal frequency-division multiplexing transmission systems without polarization tracking. Optics Letters, 2012, 37, 5070.	3.3	6
41	Optimization of probe-laser focal offsets for single-particle tracking. Applied Optics, 2012, 51, 5643.	1.8	5
42	Self-protected time-division-multiplexed passive access networks in tree and ring topology architectures. Photonic Network Communications, 2012, 23, 130-136.	2.7	4
43	Rayleigh Backscattering Circumvention in Ring-Based Access Network Using RSOA-ONU. IEEE Photonics Technology Letters, 2011, 23, 1121-1123.	2.5	10
44	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
45	Highly efficient femtosecond pulse stretching by tailoring cavity dispersion in erbium fiber lasers with an intracavity short-pass edge filter. Optics Express, 2011, 19, 15879.	3.4	0
46	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
47	Employing external injection-locked Fabry-Perot laser scheme for mm-wave generation. Laser Physics, 2011, 21, 718-721.	1.2	18
48	Characterization of Rayleigh backscattering performance of CS-SSB signal in carrier distributed passive optical network. Optics Communications, 2011, 284, 3264-3268.	2.1	2
49	Optimum design of InGaP/GaAs/Ge triple-junction solar cells with sub-wavelength surface texture structure. , 2011, , .		3
50	Ultra-High Data-Rate 60 GHz Radio-over-Fiber Systems Employing Optical Frequency Multiplication and Adaptive OFDM Formats. , 2011, , .		3
51	MIMO-Enhanced Radio-over-Fiber System at 60 GHz. , 2011, , .		3
52	12.5-Gb/s Wireless Data Transmission by Using Bias Modulation of NBUTC-PD Based W-Band Photonic Transmitter-Mixer. , 2010, , .		5
53	Optical power equalization for upstream traffic with injection-locked Fabryâ€“Perot lasers in TDM-PON. Optics Communications, 2010, 283, 3949-3952.	2.1	0
54	Utilization of self-injection Fabryâ€“Perot laser diode for long-reach WDM-PON. Optical Fiber Technology, 2010, 16, 46-49.	2.7	26

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55	Experimental demonstration of CW light injection effect in upstream traffic TDM-PON. Optical Fiber Technology, 2010, 16, 178-181.	2.7	4
56	The single particle tracking system. , 2010, , .		0
57	Electrically and Continuously Tunable Optical Delay Line Based on a Semiconductor Laser. Japanese Journal of Applied Physics, 2010, 49, 074102.	1.5	1
58	Studies of OFDM signal for broadband optical access networks. IEEE Journal on Selected Areas in Communications, 2010, 28, 800-807.	14.0	72
59	Polarization Characteristics of Quantum-Dot Vertical-Cavity Surface-Emitting Laser With Light Injection. IEEE Photonics Technology Letters, 2010, 22, 179-181.	2.5	6
60	Transmission of Wireless and Wired Services Employing a Simple System Architecture. IEEE Photonics Technology Letters, 2010, 22, 532-534.	2.5	3
61	On the Phase Noise Impact in Direct-Detection Optical OFDM Transmission. IEEE Photonics Technology Letters, 2010, 22, 649-651.	2.5	23
62	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
63	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
64	Simultaneous Generation and Transmission of 60-GHz Wireless and Baseband Wireline Signals With Uplink Transmission Using an RSOA. IEEE Photonics Technology Letters, 2010, 22, 1099-1101.	2.5	21
65	2×21 Gbps symmetrical full-duplex transmission of OFDM wireless signals over a bidirectional IMDD Radio-over-Fiber system at 60 GHz. , 2010, , .		3
66	A Full duplex radio-over-fiber linkâ€¨with Multi-level OFDM signal via a single-electrode MZM and wavelength reuse with aâ€¨RSOA. Optics Express, 2010, 18, 2710.	3.4	8
67	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
68	Photonic vector signal generation employing a novel optical direct-detection in-phase/quadrature-phase upconversion. Optics Letters, 2010, 35, 4069.	3.3	29
69	Optical Millimeter-Wave Signal Generation Via Frequency 12-Tupling. Journal of Lightwave Technology, 2010, 28, 71-78.	4.6	113
70	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
71	Ultra-High Data-Rate 60 GHz Radio-Over-Fiber Systems Employing Optical Frequency Multiplication and OFDM Formats. Journal of Lightwave Technology, 2010, 28, 2296-2306.	4.6	87
72	Theory and Technology for Standard WiMAX Over Fiber in High Speed Train Systems. Journal of Lightwave Technology, 2010, 28, 2327-2336.	4.6	47

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74	32.65-Gbps OFDM RoF signal generation at 60GHz employing an adaptive I/Q imbalance correction. , 2010, , .		6
75	DPSK-labeled direct-detected optical OFDM transmission. , 2009, , .		0
76	Sensitivity bound for optically-preamplified direct-detected OFDM systems using spectrally matched filters. , 2009, , .		0
77	Optical fiber design for slanted grating filters with narrow-band symmetric response. , 2009, , .		0
78	Space-Based Global Weather Monitoring System: FORMOSAT-3/COSMIC Constellation and Its Follow-On Mission. Journal of Spacecraft and Rockets, 2009, 46, 883-891.	1.9	9
79	A simple self-restored fiber Bragg grating (FBG)-based passive sensing ring network. Measurement Science and Technology, 2009, 20, 043001.	2.6	18
80	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
81	Using multimode Fabry-Perot laser without external-injection for wavelength conversion. Electronics Letters, 2009, 45, 327.	1.0	2
82	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
83	Dynamic Characteristics and Linewidth Enhancement Factor of Quantum-Dot Vertical-Cavity Surface-Emitting Lasers. IEEE Journal of Selected Topics in Quantum Electronics, 2009, 15, 844-849.	2.9	3
84	Wideband tunable Gaussian-shaped spectral filters based on dispersion engineering. Optical Fiber Technology, 2009, 15, 373-376.	2.7	0
85	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
86	10Gb/s TDM passive optical networks using four wavelengths multiplexed channels. Optics Communications, 2009, 282, 2476-2479.	2.1	7
87	Using 10 Gb/s remodulation DPSK signal in self-restored colorless WDM-PON system. Optical Fiber Technology, 2009, 15, 274-278.	2.7	10
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89	Measurement of multi-wavelength optical amplifier by using the I/O power-curve fitting technique. Optics Communications, 2009, 282, 2332-2334.	2.1	0
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92	Mitigation of Signal Distortions Using Reference Signal Distribution With Colorless Remote Antenna Units for Radio-Over-Fiber Applications. Journal of Lightwave Technology, 2009, 27, 4773-4780.	4.6	19
93	Spectrally Efficient Direct-Detected OFDM Transmission Incorporating a Tunable Frequency Gap and an Iterative Detection Techniques. Journal of Lightwave Technology, 2009, 27, 5723-5735.	4.6	176
94	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
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97	Spectrally efficient direct-detected OFDM transmission employing an iterative estimation and cancellation technique. Optics Express, 2009, 17, 9099.	3.4	159
98	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
99	A continuously tunable and filterless optical millimeter-wave generation via frequency octupling. Optics Express, 2009, 17, 19749.	3.4	69
100	Theoretical and Experimental Investigations of Direct-Detected RF-Tone-Assisted Optical OFDM Systems. Journal of Lightwave Technology, 2009, 27, 1332-1339.	4.6	142
101	Estimation of the Bit Error Rate for Direct-Detected OFDM Signals With Optically Preamplified Receivers. Journal of Lightwave Technology, 2009, 27, 1340-1346.	4.6	31
102	Analysis of Thermo-Optic Tunable Dispersion-Engineered Short-Wavelength-Pass Tapered-Fiber Filters. Journal of Lightwave Technology, 2009, 27, 2208-2215.	4.6	12
103	Tunable Dual-Wavelength Fiber Laser Using Optical-Injection Fabryâ€“PÃ‰rot Laser. IEEE Photonics Technology Letters, 2009, 21, 125-127.	2.5	19
104	Continuously Tunable Large-Dynamic-Range Radio-Frequency Phase Shifter Via a Soliton Self-Frequency-Shifted Source and a Dispersive Fiber. IEEE Photonics Technology Letters, 2009, 21, 313-315.	2.5	3
105	Hybrid Access Network Integrated With Wireless Multilevel Vector and Wired Baseband Signals Using Frequency Doubling and No Optical Filtering. IEEE Photonics Technology Letters, 2009, 21, 857-859.	2.5	20
106	Signal Remodulation of OFDM-QAM for Long Reach Carrier Distributed Passive Optical Networks. IEEE Photonics Technology Letters, 2009, 21, 715-717.	2.5	64
107	Bandpass Filter With Variable Bandwidth Based on a Tapered Fiber With External Polymer Cladding. IEEE Photonics Technology Letters, 2009, 21, 935-937.	2.5	6
108	A <formula formulatype="inline"><tex Notation="TeX">W</tex> </formula>-Band Photonic Transmitter-Mixer Based on High-Power Near-Ballistic Uni-Traveling-Carrier Photodiodes for BPSK and QPSK Data Transmission Under Bias Modulation. IEEE Photonics Technology Letters, 2009, 21, 1039-1041.	2.5	9

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109	Signal-Remodulated Wired/Wireless Access Using Reflective Semiconductor Optical Amplifier With Wireless Signal Broadcast. IEEE Photonics Technology Letters, 2009, 21, 1459-1461.	2.5	21
110	Wavelength-Tunable Laser for Signal Remodulation in WDM Access Networks Using DPSK Downlink and OOK Uplink. IEEE Photonics Technology Letters, 2009, 21, 1710-1712.	2.5	7
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112	W-Band Wireless Data Transmission by the Integration of a Near-Ballistic Unitraveling-Carrier Photodiode With a Horn Antenna Fed by a Quasi-Yagi Radiator. IEEE Electron Device Letters, 2009, 30, 1167-1169.	3.9	5
113	All-optical gain-clamped erbium-doped fiber amplifier using a DWDM demultiplexer. , 2009, , .		0
114	Broadband access technology for passive optical network. , 2009, , .		8
115	A W-Band Photonic Transmitter-Mixer Based on High-Power Near-Ballistic Uni-Traveling-Carrier Photodiode (NBUTC-PD) for 1.25-Gb/s BPSK Data Transmission under Bias Modulation. , 2009, , .		1
116	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
117	60-GHz Photonic Vector Signal Generation Employing Frequency Quadrupling Scheme for Radio-over-Fiber Link. , 2009, , .		3
118	W-Band Vector Signal Generation via Optical Millimeter-wave Generation and Direct Modulation of NBUTC-PD. , 2009, , .		3
119	Hybrid Access Network Integrated with Multi-level RF Vector Signal and Baseband Signal without Optical Filtering. , 2009, , .		0
120	UNDERSTANDING STANDARD OFDM WIMAX SIGNAL ACCESS IN RADIO OVER FIBER SYSTEM. Progress in Electromagnetics Research C, 2009, 10, 201-214.	0.9	1
121	Bandwidth-Variable Bandpass Filter based on Dispersion Engineered Tapered Fiber with External Polymer Cladding. , 2009, , .		1
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123	Self-protecting dual-ring-architecture in time-sharing passive optical network to prevent the occurrence of fiber failure. Optics Communications, 2008, 281, 1534-1537.	2.1	7
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128	Novel Optical Vector Signal Generation With Carrier Suppression and Frequency Multiplication Based on a Single-Electrode Machâ€“Zehnder Modulator. IEEE Photonics Technology Letters, 2008, 20, 2060-2062.	2.5	6
129	Cost-Effective Multiservices Hybrid Access Networks With no Optical Filter at Remote Nodes. IEEE Photonics Technology Letters, 2008, 20, 812-814.	2.5	17
130	Optical Millimeter-Wave Signal Generation Using Frequency Quadrupling Technique and No Optical Filtering. IEEE Photonics Technology Letters, 2008, 20, 1027-1029.	2.5	130
131	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
132	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
133	Experimental demonstration of optical 5-Gb/s 16-QAM OFDM signal generation and wavelength reuse for 1.25-Gbit/s uplink signal. , 2008, , .		4
134	Influence of depressed-index outer ring on evanescent tunneling loss in tapered double-cladding fibers. Optics Letters, 2008, 33, 1666.	3.3	10
135	Impact of Nonlinear Transfer Function and Imperfect Splitting Ratio of MZM on Optical Up-Conversion Employing Double Sideband With Carrier Suppression Modulation. Journal of Lightwave Technology, 2008, 26, 2449-2459.	4.6	88
136	Simply self-restored ring-based time-division-multiplexed passive optical network. Journal of Optical Networking, 2008, 7, 288.	2.5	7
137	Propagation characteristics of fast light in an erbium-doped fiber amplifier. Journal of the Optical Society of America B: Optical Physics, 2008, 25, 1073.	2.1	4
138	Cost-effective wavelength-tunable fiber laser using self-seeding Fabry-Perot laser diode. Optics Express, 2008, 16, 435.	3.4	25
139	Reliable tree-type passive optical networks with self-restorable apparatus. Optics Express, 2008, 16, 4494.	3.4	14
140	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
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142	A self-protected colorless WDM-PON with 2.5 Gb/s upstream signal based on RSOA. Optics Express, 2008, 16, 12296.	3.4	34
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146	Experimental demonstration of optical colorless direct-detection OFDM signals with 16- and 64-QAM formats beyond 15 Gb/s. , 2008, , .		2
147	Experimental demonstration of compensating the I/Q imbalance and bias deviation of the Mach-Zehnder modulator for an RF-tone assisted optical OFDM system. , 2008, , .		2
148	Reduction of photoleakage current in polycrystalline silicon thin-film transistor using NH3 plasma treatment on buffer layer. Applied Physics Letters, 2008, 92, 153507.	3.3	3
149	Highly wavelength-dependent evanescent tunneling loss in dispersion-engineered tapered double-cladding fibers. , 2008, , .		0
150	Fast Light Improvement using Periodic Bending of Erbium-Doped Fiber. , 2008, , .		0
151	Transmission Improvement in Fiber Radio Links using Semiconductor Laser. , 2008, , .		0
152	Generation of Carrier Suppressed Optical mm-wave Signals using Frequency Quadrupling and no Optical Filtering. , 2008, , .		14
153	Hybrid access networks integrated with wireline and wireless services without optical filtering at remote nodes. , 2008, , .		0
154	Tunable slow light in semiconductor optical amplifier without external pump laser. , 2008, , .		0
155	Constellation Challenges and Contributions of Taiwan Weather Monitoring Satellites. Aerospace Conference Proceedings IEEE, 2008, , .	0.0	2
156	A Simple WDM-PON Architecture to Simultaneously Provide Triple-play Services by Using One Single Modulator. , 2008, , .		4
157	Mission Results from FORMOSAT-3/COSMIC Constellation System. Journal of Spacecraft and Rockets, 2008, 45, 1293-1302.	1.9	16
158	Elimination of Photoleakage Current in Poly-Si TFTs Using a Metal-Shielding Structure. Electrochemical and Solid-State Letters, 2008, 11, J34.	2.2	3
159	Distributed Feedback Laser in External Light Injection Scheme for Tunable Slow Light. Japanese Journal of Applied Physics, 2008, 47, 4600-4601.	1.5	2
160	Relative Intensity Noise Characteristics of Long-Wavelength Quantum Dot Vertical-Cavity Surface-Emitting Lasers. Japanese Journal of Applied Physics, 2008, 47, 6357-6358.	1.5	3
161	Generation of Direct-Detection Optical OFDM Signal for Radio-Over-Fiber Link using Frequency Doubling Scheme with Carrier Suppression. , 2008, , .		5
162	Experimental Demonstration of 340 km SSMF Transmission Using a Virtual Single Sideband OFDM Signal that Employs Carrier Suppressed and Iterative Detection Techniques. , 2008, , .		16

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163	Experimental Demonstration of a Coherently Modulated and Directly Detected Optical OFDM System Using an RF-Tone Insertion. , 2008, , .		23
164	WDM optical colorless millimeter-wave up-conversion using frequency quadrupling. , 2008, , .		0
165	Cost-Effective Colorless RSOA-Based WDM-PON with 2.5 Gbit/s Uplink Signal. , 2008, , .		7
166	Bit error rate calculation for a single sideband OFDM signal with direct detection optically pre-amplified receivers. , 2008, , .		1
167	Widely tunable Gaussian-shaped spectral filters using dispersion-engineered fibers for bioimaging applications. , 2008, , .		1
168	Operations Challenges from the FORMOSAT-3/COSMIC Constellation for Global Earth Weather Monitoring. , 2007, , .		10
169	Highly sensitive asymmetric long period fiber grating over 1545 ~ 1650 nm using optical polymer on deep-ablated cladding. , 2007, , .		0
170	A Novel Hybrid 10G/1G Coexisted TDM-PON Using Central Office Controlled Reflective Transmitters for Low-Cost Upstream 10G Services. Conference Proceedings - Lasers and Electro-Optics Society Annual Meeting-LEOS, 2007, , .	0.0	1
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174	Novel local liquid-core single-mode fiber for dispersion engineering using submicron tapered fiber. , 2007, , .		3
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