

# Chun Kit Calvin Chan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5768143/publications.pdf>

Version: 2024-02-01

188  
papers

2,263  
citations

218592  
26  
h-index

276775  
41  
g-index

188  
all docs

188  
docs citations

188  
times ranked

1344  
citing authors

#	ARTICLE	IF	CITATIONS
1	An optical network unit for WDM access networks with downstream DPSK and upstream remodulated OOK data using injection-locked FP laser. IEEE Photonics Technology Letters, 2003, 15, 1476-1478.	1.3	181
2	Demonstration of 20-Gb/s All-Optical XOR Gate by Four-Wave Mixing in Semiconductor Optical Amplifier With RZ-DPSK Modulated Inputs. IEEE Photonics Technology Letters, 2004, 16, 897-899.	1.3	101
3	A self-protected architecture for wavelength-division-multiplexed passive optical networks. IEEE Photonics Technology Letters, 2003, 15, 1660-1662.	1.3	99
4	Exact analysis of homodyne crosstalk induced penalty in WDM networks. IEEE Photonics Technology Letters, 1998, 10, 457-458.	1.3	92
5	An all-optical XOR logic gate for high-speed RZ-DPSK signals by FWM in semiconductor optical amplifier. IEEE Journal of Selected Topics in Quantum Electronics, 2006, 12, 702-707.	1.9	90
6	A fast 100-channel wavelength-tunable transmitter for optical packet switching. IEEE Photonics Technology Letters, 2001, 13, 729-731.	1.3	55
7	A Multicast WDM-PON Architecture Using DPSK/NRZ Orthogonal Modulation. IEEE Photonics Technology Letters, 2008, 20, 1479-1481.	1.3	52
8	A WDM Passive Optical Network With Centralized Light Sources and Multicast Overlay. IEEE Photonics Technology Letters, 2008, 20, 114-116.	1.3	46
9	Fiber-fault identification for branched access networks using a wavelength-sweeping monitoring source. IEEE Photonics Technology Letters, 1999, 11, 614-616.	1.3	45
10	A novel centrally controlled protection scheme for traffic restoration in WDM passive optical networks. IEEE Photonics Technology Letters, 2005, 17, 717-719.	1.3	45
11	Non-orthogonal multiple access with phase pre-distortion in visible light communication. Optics Express, 2016, 24, 25816.	1.7	45
12	A survivable WDM-PON architecture with centralized alternate-path protection switching for traffic restoration. IEEE Photonics Technology Letters, 2006, 18, 631-633.	1.3	44
13	Optical Physical-Layer Network Coding. IEEE Photonics Technology Letters, 2012, 24, 1424-1427.	1.3	41
14	An Experimental Demonstration of 160-Gbit/s PAM-4 Using a Silicon Micro-Ring Modulator. IEEE Photonics Technology Letters, 2020, 32, 125-128.	1.3	41
15	A 7-D Hyperchaotic System-Based Encryption Scheme for Secure Fast-OFDM-PON. Journal of Lightwave Technology, 2018, 36, 3373-3381.	2.7	40
16	A Wavelength-Division-Multiplexed Passive Optical Network With Flexible Optical Network Unit Internetworking Capability. Journal of Lightwave Technology, 2007, 25, 1970-1977.	2.7	38
17	Dynamic Multipath Routing With Traffic Grooming in OFDM-Based Elastic Optical Path Networks. Journal of Lightwave Technology, 2015, 33, 275-281.	2.7	38
18	A single-fiber bi-directional WDM self-healing ring network with bi-directional OADM for metro-access applications. IEEE Journal on Selected Areas in Communications, 2007, 25, 18-24.	9.7	37

#	ARTICLE	IF	CITATIONS
19	Data remodulation on downstream OFSK signal for upstream transmission in WDM passive optical network. Electronics Letters, 2003, 39, 1741.	0.5	36
20	Modulation format identification enabled by the digital frequency-offset loading technique for hitless coherent transceiver. Optics Express, 2018, 26, 7288.	1.7	36
21	A bit-serial optical packet label-swapping scheme using DPSK encoded labels. IEEE Photonics Technology Letters, 2003, 15, 1630-1632.	1.3	35
22	Joint Detection of Visible Light Communication Signals Under Non-Orthogonal Multiple Access. IEEE Photonics Technology Letters, 2017, 29, 377-380.	1.3	34
23	Modulation Format Recognition for Optical Signals Using Connected Component Analysis. IEEE Photonics Technology Letters, 2017, 29, 11-14.	1.3	34
24	A practical passive surveillance scheme for optically amplified passive branched optical networks. IEEE Photonics Technology Letters, 1997, 9, 526-528.	1.3	32
25	A novel optical-path supervisory scheme for optical cross connects in all-optical transport networks. IEEE Photonics Technology Letters, 1998, 10, 899-901.	1.3	29
26	PMD-Insensitive OSNR Monitoring Based on Polarization-Nulling With Off-Center Narrow-Band Filtering. IEEE Photonics Technology Letters, 2004, 16, 2562-2564.	1.3	29
27	Energy-Efficient Traffic Grooming in WDM Networks With Scheduled Time Traffic. Journal of Lightwave Technology, 2011, 29, 2577-2584.	2.7	29
28	A Delay-Based Multicast Overlay Scheme for WDM Passive Optical Networks With 10-Gb/s Symmetric Two-Way Traffics. Journal of Lightwave Technology, 2010, 28, 2660-2666.	2.7	25
29	Proposal and numerical study of ultra-compact active hybrid plasmonic resonator for sub-wavelength lasing applications. Scientific Reports, 2014, 4, 3720.	1.6	24
30	A centralized-light-source WDM access network utilizing inverse-RZ downstream signal with upstream data remodulation. Optical Fiber Technology, 2007, 13, 18-21.	1.4	23
31	Simultaneous PMD and OSNR monitoring by enhanced RF spectral dip analysis assisted with a local large-DGD element. IEEE Photonics Technology Letters, 2005, 17, 2790-2792.	1.3	20
32	Demonstration of a single-fiber self-healing CWDM metro access ring network with unidirectional OADM. IEEE Photonics Technology Letters, 2006, 18, 163-165.	1.3	20
33	Generation and Transmission of 10-Gb/s RZ-DPSK Signals Using a Directly Modulated Chirp-Managed Laser. IEEE Photonics Technology Letters, 2011, 23, 173-175.	1.3	19
34	A Centrally Controlled Survivable WDM-PON Based on Optical Carrier Suppression Technique. IEEE Photonics Technology Letters, 2011, 23, 386-388.	1.3	19
35	A novel optical frequency-shift-keying transmitter based on polarization modulation. IEEE Photonics Technology Letters, 2005, 17, 1528-1530.	1.3	18
36	Mitigation of pattern-induced degradation in SOA-based all-optical OTDM demultiplexers by using RZ-DPSK modulation format. IEEE Photonics Technology Letters, 2003, 15, 1264-1266.	1.3	16

#	ARTICLE	IF	CITATIONS
37	A novel star-ring protection architecture scheme for WDM passive optical access networks. , 2005, , .		16
38	Energy Efficient Time-Aware Traffic Grooming in Wavelength Routing Networks. , 2010, , .		16
39	Demonstration of a novel optical transmitter for high-speed differential phase-shift-keying/inverse-return-to-zero (DPSK/inv-RZ) orthogonally modulated signals. IEEE Photonics Technology Letters, 2005, 17, 2763-2765.	1.3	15
40	Blind Modulation Format Recognition for Software-defined Optical Networks Using Image Processing Techniques. , 2016, , .		15
41	A Real-Valued Chaotic Orthogonal Matrix Transform-Based Encryption for OFDM-PON. IEEE Photonics Technology Letters, 2018, 30, 1455-1458.	1.3	14
42	A fast channel-tunable optical transmitter for ultrahigh-speed all-optical time-division multiaccess networks. IEEE Journal on Selected Areas in Communications, 1996, 14, 1052-1056.	9.7	13
43	A Novel Re-modulation Scheme to Achieve Colorless High-Speed WDM-PON with Enhanced Tolerance to Chromatic Dispersion and Re-modulation Misalignment. , 2007, , .		13
44	Dynamic Resource Allocation for All-Optical Multicast based on Sub-tree Scheme in Elastic Optical Networks. , 2016, , .		13
45	Phase-Modulation-Based Loopback Scheme for Rayleigh Noise Suppression in 10-Gb/s Carrier-Distributed WDM-PONs. IEEE Photonics Technology Letters, 2010, 22, 1343-1345.	1.3	12
46	Pilot-Aided Optical Signal-to-Noise Ratio Estimation for Direct-Detection OFDM Systems. IEEE Photonics Technology Letters, 2015, 27, 1165-1168.	1.3	12
47	Phase-Aligned Physical-Layer Network Coding in Visible Light Communications. IEEE Photonics Journal, 2019, 11, 1-9.	1.0	12
48	Use of downstream inverse-RZ signal for upstream data re-modulation in a WDM passive optical network. , 2005, , .		11
49	Generation and Transmission of 10-Cbaud Optical 3/4-RZ-DQPSK Signals Using a Chirp-Managed DBR Laser. Journal of Lightwave Technology, 2012, 30, 3299-3305.	2.7	11
50	A novel survivable architecture for hybrid WDM/TDM passive optical networks. Optics Communications, 2014, 312, 52-56.	1.0	11
51	Flexible and scalable wavelength multicast of coherent optical OFDM with tolerance against pump phase-noise using reconfigurable coherent multi-carrier pumping. Optics Express, 2016, 24, 22573.	1.7	11
52	Efficient routing and spectrum assignment in elastic optical networks with time scheduled traffic. Optical Fiber Technology, 2016, 30, 116-124.	1.4	11
53	Elastic Versus WDM Networks With Dedicated Multicast Protection. Journal of Optical Communications and Networking, 2017, 9, 921.	3.3	11
54	Waveform restoration in semiconductor optical amplifier using fiber loop mirror. IEEE Photonics Technology Letters, 2002, 14, 995-997.	1.3	10

#	ARTICLE	IF	CITATIONS
55	Enhanced PMD Monitoring With Frequency-Resolved SOP Rotation by Self-Phase Modulation. IEEE Photonics Technology Letters, 2004, 16, 2180-2182.	1.3	10
56	Simple PMD-insensitive OSNR monitoring scheme assisted by transmitter-side polarization scrambling. Optics Express, 2006, 14, 58.	1.7	10
57	Generation of Dispersion Tolerant Manchester-Duobinary Signal Using Directly Modulated Chirp Managed Laser. IEEE Photonics Technology Letters, 2011, 23, 1043-1045.	1.3	10
58	Physical-layer network coding in coherent optical OFDM systems. Optics Express, 2015, 23, 10057.	1.7	10
59	Physical-layer network coding for passive optical interconnect in datacenter networks. Optics Express, 2017, 25, 17788.	1.7	10
60	A Novel Baseband Faster-Than-Nyquist Non-Orthogonal FDM IM/DD System With Block Segmented Soft-Decision Decoder. Journal of Lightwave Technology, 2020, 38, 632-641.	2.7	10
61	Phase Pre-Distortion for Non-Orthogonal Multiple Access in Visible Light Communications. , 2016, , .		9
62	Adaptively loaded SP-offset-QAM OFDM for IM/DD communication systems. Optics Express, 2017, 25, 21603.	1.7	9
63	Digital Domain Power Division Multiplexing DDO-OFDM Transmission with Successive Interference Cancellation. , 2016, , .		9
64	A novel in-service surveillance scheme for optically amplified transmission systems. IEEE Photonics Technology Letters, 1997, 9, 1520-1522.	1.3	8
65	A Novel Wavelength Shift Keying Transmitter Based on Optical Phase Modulation. IEEE Photonics Technology Letters, 2004, 16, 1739-1741.	1.3	8
66	A novel technique for pulse-carrier and data alignment monitoring in RZ-DPSK systems using off-center optical filtering. IEEE Photonics Technology Letters, 2005, 17, 711-713.	1.3	8
67	Experimental demonstration of a novel all-optical multilevel 4-amplitude-shifted-keying coding/decoding scheme. , 2006, , .		8
68	Robust optical signal-to-noise ratio monitoring scheme using a phase-modulator-embedded fiber loop mirror. Optics Letters, 2007, 32, 1752.	1.7	8
69	A WDM Passive Optical Network With Polarization-Assisted Multicast Overlay Control. IEEE Photonics Technology Letters, 2009, 21, 1133-1135.	1.3	8
70	Optical Overlay of Multicast Stream on a Survivable WDM Passive Optical Network. IEEE Photonics Technology Letters, 2013, 25, 584-586.	1.3	8
71	Carrier Phase Recovery for Set-Partitioning QAM Formats. Journal of Lightwave Technology, 2018, 36, 4129-4137.	2.7	8
72	Experimental characterization of the radio over fiber aided twin-antenna spatial modulation downlink. Optics Express, 2018, 26, 12432.	1.7	8

#	ARTICLE	IF	CITATIONS
73	Node architecture and protocol of a packet-switched dense WDMA metropolitan area network. <i>Journal of Lightwave Technology</i> , 1999, 17, 2208-2218.	2.7	7
74	A Novel Optical Packet Labeling Scheme Using Interleaved Low-Speed DPSK Labels. <i>IEEE Photonics Technology Letters</i> , 2004, 16, 698-700.	1.3	7
75	Common Phase Estimation in Coherent OFDM System Using Image Processing Technique. <i>IEEE Photonics Technology Letters</i> , 2015, 27, 1597-1600.	1.3	7
76	Negative Frequency-Chirped 112-Gb/s PAM-4 Using an Integrated Germanium Franz-Keldysh Modulator. <i>IEEE Photonics Technology Letters</i> , 2018, 30, 1443-1446.	1.3	7
77	Experimental demonstration of direct re-modulation for an IM/DD OFDM-WDM-PON with symmetrical bi-directional transmission. <i>Optics Communications</i> , 2020, 460, 125123.	1.0	7
78	Theoretical analysis of high-repetition rate optical-pulse multiplication using fiber-coupler loop configuration. <i>IEEE Photonics Technology Letters</i> , 1995, 7, 1145-1147.	1.3	6
79	A simple AMI-RZ transmitter based on single-arm intensity modulator and optical delay interferometer. <i>Optics Communications</i> , 2005, 255, 35-40.	1.0	6
80	Mitigation of timing-misalignment-induced distortion using electronic equalizer in RZ/CSRZ systems. <i>IEEE Photonics Technology Letters</i> , 2005, 17, 1106-1108.	1.3	6
81	High-Speed Data and Pulse-Carver Alignment in RZ-OOK Systems Using Delay Tap Asynchronous Waveform Sampling. , 2006, , .		6
82	A simple high-speed WDM PON utilizing a centralized supercontinuum broadband light source for colorless ONUs. , 2006, , .		6
83	Polarization-Insensitive Widely Tunable Wavelength Conversion Based on Four-Wave Mixing Using Dispersion-Flattened High-Nonlinearity Photonic Crystal Fiber with Residual Birefringence. , 2006, , .		6
84	An optical multicast overlay scheme using optical sub-carriers for WDM passive optical networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2010, 28, 818-826.	9.7	6
85	Generation of 20-Gb/s RZ-DQPSK Signal using a Directly Modulated Chirp Managed Laser. , 2011, , .		6
86	Exact analysis of homodyne-cross-talk-induced penalty in optical networks. , 1998, 3420, 72.		5
87	A Hybrid OTDM Scheme With Enhanced Demultiplexing Performance. <i>IEEE Photonics Technology Letters</i> , 2007, 19, 1454-1456.	1.3	5
88	An Optical Multicast Overlay Scheme for a WDM PON Using Inverse-RZ-Duobinary Signals. <i>IEEE Photonics Technology Letters</i> , 2011, 23, 257-259.	1.3	5
89	Provisioning of Survivable Multicast Sessions in Wavelength-Routed Optical Networks With Scheduled Traffic. <i>Journal of Lightwave Technology</i> , 2011, 29, 685-690.	2.7	5
90	Chaotic Non-Orthogonal Matrix-Based Encryption for Secure OFDM-PONs. <i>IEEE Photonics Technology Letters</i> , 2021, 33, 1127-1130.	1.3	5

#	ARTICLE	IF	CITATIONS
91	Efficient Regenerator Placement and Wavelength Assignment in Optical Networks. , 2011, , .		5
92	Image Processing Based Common Phase Estimation for Coherent Optical Orthogonal Frequency Division Multiplexing System. , 2015, , .		5
93	Dynamic polarization-insensitive BOTDA in direct-detection OFDM with CNN-based BFS extraction. Optics Express, 2022, 30, 7725.	1.7	5
94	Chromatic dispersion monitoring technique using birefringent fiber loop. , 2006, , .		4
95	A novel robust OSNR monitoring technique with 40-dB dynamic range using phase modulator embedded fiber loop mirror. , 2006, , .		4
96	Joint Maximum Likelihood Sequence Estimation for Chromatic-Dispersion Compensation in ASK-DPSK Modulation Format. IEEE Photonics Technology Letters, 2007, 19, 73-75.	1.3	4
97	Optical Overlay of Two Independent Multicast Streams on a WDM Passive Optical Network. IEEE Photonics Technology Letters, 2010, 22, 1536-1538.	1.3	4
98	Common phase error estimation in coherent optical OFDM systems using best-fit bounding box. Optics Express, 2016, 24, 23707.	1.7	4
99	Equalizer State Caching for Fast Data Recovery in Optically-Switched Data Center Networks. Journal of Lightwave Technology, 2021, 39, 5362-5370.	2.7	4
100	On Multiplexing Optimization in DWDM Networks. , 2011, , .		4
101	Realization of a time-slot access WDMA dual bus/ring packet network node using centralized light sources. IEEE Photonics Technology Letters, 1997, 9, 1661-1663.	1.3	3
102	Robustness of DPSK-WDM Systems Against Nonlinear Polarization Fluctuation. IEEE Photonics Technology Letters, 2004, 16, 927-929.	1.3	3
103	Analysis of performance optimization in supercontinuum sources. Optics Letters, 2004, 29, 489.	1.7	3
104	Maximum Likelihood Sequence Estimation for Chromatic Dispersion and Polarization Mode Dispersion Compensation in 3-Chip DPSK Modulation Format. , 2007, , .		3
105	High extinction ratio phase re-modulation for 10-Gb/s WDM-PON with enhanced tolerance to rayleigh noise. , 2010, , .		3
106	Advanced modulation format generation using high-speed directly modulated lasers for optical metro/access systems. , 2011, , .		3
107	Adaptive Fault Monitoring in All-Optical Networks Utilizing Real-Time Data Traffic. Journal of Network and Systems Management, 2012, 20, 76-96.	3.3	3
108	A Pilot-Related PMD Monitoring Scheme for Direct Detection Optical OFDM System. Journal of Lightwave Technology, 2015, 33, 2884-2891.	2.7	3

#	ARTICLE	IF	CITATIONS
109	Simple Self-Homodyne Detection Scheme for Optical OFDM With Inserted Pilot Subframes and Application in Optical Access Networks. IEEE Access, 2017, 5, 24602-24607.	2.6	3
110	A Robust Channel Processor for Faster-than-Nyquist Non-Orthogonal FDM Visible Light Communication Systems. , 2018, , .		3
111	Time-Interleaved Phase Remodulation to Enable Broadcast Transmission in Bidirectional WDM-PONs without Additional Light Sources. , 2011, , .		3
112	Performance Comparison of Different 8-QAM Constellations Used in SEFDM systems. , 2021, , .		3
113	Blind and Fast Modulation Format Identification by Frequency-offset Loading for Hitless Flexible Transceiver. , 2018, , .		3
114	Channel interference study and power ratio optimization on two optical Nyquist-PM-QPSK signals with spectral overlap. Optics Express, 2019, 27, 35574.	1.7	3
115	Demonstration of a fault-tolerant WDM add-drop/branching unit for long-haul optical transmission systems. IEEE Photonics Technology Letters, 1999, 11, 1069-1071.	1.3	2
116	Polarization insensitive waveform restoration and channel crosstalk reduction in semiconductor optical amplifier gates using polarimetric filtering. IEEE Photonics Technology Letters, 2003, 15, 1606-1608.	1.3	2
117	A novel technique for modulation alignment monitoring in RZ-DPSK systems using off-center optical filtering. , 2005, , .		2
118	Performance sensitivity to system parameters in multiwavelength super-continuum sources. IEEE Journal of Quantum Electronics, 2005, 41, 709-716.	1.0	2
119	A single-fiber bidirectional self-healing WDM multihop mesh network with all-optical cyclic deflection routing for link restoration. IEEE Photonics Technology Letters, 2005, 17, 2463-2465.	1.3	2
120	Electronic Equalization for Unsynchronized Modulation and Chromatic Dispersion Compensation in Supercontinuum-Based WDM-PON. , 2006, , .		2
121	A novel internetworking scheme for WDM passive optical network based on remodulation technique. , 2006, , .		2
122	Novel NRZ-to-RZ format conversion with tunable pulsewidth using phase modulator and interleaver. , 2006, , .		2
123	Polarization-independent OTDM demultiplexer based on NOLM with a polarization diversity loop. , 2006, , .		2
124	Enhanced Tolerance to Demultiplexing Misalignment in an OTDM System with Hybrid RZ-ASK/DPSK Formats. , 2007, , .		2
125	A Reconfigurable All-Optical AND/OR Logic Gate using Multilevel Modulation and Self-Phase Modulation. , 2007, , .		2
126	Upstream OOK remodulation scheme using injection-locked FP laser with downstream inverse-RZ data in WDM passive optical network. , 2007, , .		2



#	ARTICLE	IF	CITATIONS
127	A WDM-PON Optical Multicast Overlay Scheme Using Inverse-RZ-Duobinary Signal. , 2010, , .		2
128	An 80-km-reach centralized-light-source WDM PON utilizing Inverse-RZ-Duobinary downstream signals. , 2010, , .		2
129	Chromatic Dispersion Compensation With Feed Forward Equalizer and Decision Feedback Equalizer for Manchester Coded Signals. Journal of Lightwave Technology, 2011, 29, 2740-2746.	2.7	2
130	Generation of Return-to-Zero Optical Pulses Using Directly Modulated Chirp Managed Laser. IEEE Photonics Technology Letters, 2012, 24, 1227-1229.	1.3	2
131	Translucent Optical Network Planning With Heterogeneous Signal Modulation Formats. Journal of Lightwave Technology, 2012, 30, 1335-1341.	2.7	2
132	Characterization of an optical frequency-shift-keying transmitter based on carrier-suppressed phase modulation. Optical Fiber Technology, 2013, 19, 227-230.	1.4	2
133	A Modified Fractional DFT based FTN-NOFDM Technique for IM/DD Optical Systems. , 2018, , .		2
134	Investigation of a Low-Complexity Transceiver for Orthogonal Chirp Division Multiplexing based IM/DD OWC Systems. , 2019, , .		2
135	A Cost-effective Pilot-Tone-based Monitoring Technique for Power Saving in RSOA-based WDM-PON. , 2011, , .		2
136	A WDM-PON with 10-Gb/s Symmetric Bit-Rates and Multicast Overlay with Delay-based Multicast Control. , 2009, , .		2
137	Simplified Self-Homodyne Detection for Optical OFDM with Inserted Pilot Sub-Samples and its Application in Downstream of Optical Access Networks. , 2017, , .		2
138	Experimental demonstration of 1111-Gb/s net information rate using IM/DD probabilistically shaped orthogonal chirp-division multiplexing with a 10-GHz-class modulator. Optics Express, 2019, 27, 33789.	1.7	2
139	Non-Orthogonal Matrix Precoding based Faster-than-Nyquist Signaling over Optical Wireless Communications. , 2020, , .		2
140	A correction scheme for measurement accuracy improvement in multichannel CATV systems. IEEE Transactions on Broadcasting, 1996, 42, 122-129.	2.5	1
141	Optical sampled subcarrier multiplexing scheme for nonlinear distortion reduction in lightwave CATV networks. Electronics Letters, 2002, 38, 1702.	0.5	1
142	An optical sampled subcarrier multiplexing scheme for nonlinear distortion reduction in lightwave CATV networks. , 0, , .		1
143	Demonstration of an optical packet label swapping scheme using DPSK encoded bit-serial labels. , 0, , .		1
144	Performance degradation induced by pulse carver/data modulator misalignment in RZ-DPSK systems. , 0, , .		1

#	ARTICLE	IF	CITATIONS
145	Characterization of the performance of optical amplitude-shift keying“ differential phase-shift keying orthogonally modulated signals. Optics Letters, 2005, 30, 818.	1.7	1
146	Maximum Likelihood Sequence Estimation in the Presence of Timing Misalignment and Polarization Mode Dispersion in Optically Amplified Return-to-Zero Systems. , 2006, , .		1
147	Optical Time Division Multiplexing of RZ-ASK and RZ-DPSK Signals and Their Detection without Optical Demultiplexing. , 2006, , .		1
148	Demonstration of an optical frequency-hopping scheme for secure communications. , 2006, , .		1
149	Analytical investigation of optimization, performance bound, and chromatic dispersion tolerance of 4-amplitude-shifted-keying format. , 2006, , .		1
150	Efficient path protection in bi-directional WDM systems. Computer Networks, 2008, 52, 1166-1178.	3.2	1
151	A selective-broadcast overlay scheme for WDM-PON using NRZ/DPSK orthogonal modulation technique. , 2008, , .		1
152	Optimal Location Analysis of Two Interconnections for the Consolidation of Two Networks. , 2008, , .		1
153	A simple multicast overlay scheme for WDM passive optical networks with symmetric two-way traffic. , 2009, , .		1
154	An optical FSK transmitter based on phase modulator embedded optical loop mirror and optical carrier suppression. , 2009, , .		1
155	A Novel Fiber-Based Variable All-Optical Packet Buffer Based on Self-Phase-Modulation-Induced Spectral Broadening. IEEE Journal of Selected Topics in Quantum Electronics, 2012, 18, 654-661.	1.9	1
156	A PMD Monitoring Scheme for Direct-Detection Optical OFDM Systems Using Code-Assisted Optical Subcarriers. , 2014, , .		1
157	Coded-subcarrier-aided chromatic dispersion monitoring scheme for flexible optical OFDM networks. Optics Express, 2014, 22, 18934.	1.7	1
158	Increasing the grating coupler bandwidth with a high numerical-aperture fiber. , 2014, , .		1
159	Common phase error estimation for coherent optical OFDM system using best-fit bounding box. , 2015, , .		1
160	Mitigation of inter-carrier interference induced by phase noise and residual carrier frequency offset in CO-OFDM systems. , 2015, , .		1
161	Virtual private networks in OFDM-PON supporting radio-over-fiber based on physical-layer network coding. , 2015, , .		1
162	Spectrally overlaid DDO-OFDM transmission enabled by optical power division multiplexing. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
163	A switching architecture for remote radio head protection in cloud radio access networks. , 2017, , .		1
164	Wavelength Conflict Resolution by Spectral Overlap of Two Nyquist-WDM Signals. , 2015, , .		1
165	Experimental Investigation of Phase-Sensitive Amplification in Quantum-Dot Semiconductor Optical Amplifier. , 2016, , .		1
166	Experimental demonstration of a high-speed all-optical tunable-channel multi-access (TCMA) network. , 0, , .		0
167	Power Penalty of Ulltrafast Time-Division Demultiplexer using Cascadedl Multi-Quantum Well Electro-a. , 0, , .		0
168	Novel wavelength-matching scheme for wavelength routers without any reference sources. , 1998, 3420, 58.		0
169	Novel variable bit-rate bandwidth limiter for optical transmission system. , 1998, , .		0
170	Performance of DPSK-WDM systems against nonlinear polarization fluctuation. , 0, , .		0
171	A polarimetric approach for waveform restoration in semiconductor optical amplifiers. , 0, , .		0
172	A novel optical frequency shift keying transmitter based on polarization modulation. , 2005, , .		0
173	A simple single-fiber CWDM metro/access ring network with unidirectional OADM and automatic protection. , 2005, , .		0
174	40-Gbit/s SOA-based all-optical IRZ generation assisted by DI for orthogonal modulation in OTDM systems. , 2006, , .		0
175	Novel techniques for optical performance monitoring in optical systems. , 2006, 6354, 216.		0
176	A Novel Phase-modulated Label Pattern Recognition Scheme Based on Parallel Bit Comparison Using Cross-phase Modulation. , 2006, , .		0
177	A survivable WDM PON with alternate-path switching. , 2006, , .		0
178	A novel optical frequency-shift-keying transmitter using phase modulator-embedded optical loop mirror. , 2006, , .		0
179	A polarization-assisted multicast overlay scheme for WDM-PONs. , 2009, , .		0
180	Generation and transmission of 10.709-Gbaud RZ-DQPSK using a chirp managed laser. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
181	A novel WDM passive optical network architecture supporting two independent multicast data streams. Optical Fiber Technology, 2012, 18, 29-33.	1.4	0
182	A Path Tracing Scheme for All-Optical Packet-Switched Networks. Journal of Lightwave Technology, 2012, 30, 1625-1631.	2.7	0
183	A Protection Scheme for Central Offices in Radio-on-Fiber Cloud Radio Access Networks. , 2018, , .		0
184	Signal Processing for Optical Communication System Assisted by Computer Vision Techniques. , 2018, , .		0
185	Ultra-Compact Plasmonic Microresonator with Efficient Thermo-Optic Tuning, High Quality Factor and Small Mode Volume. , 2013, , .		0
186	Pump-Phase-Noise-Tolerant Wavelength Conversion for Coherent Optical OFDM using Coherent DFB Pumping. , 2016, , .		0
187	Adaptively Loaded IM/DD Offset-QAM OFDM Based on Set-Partitioned QAM Formats. , 2017, , .		0
188	Image Processing Techniques for Signal Processing in Optical Communication Systems. , 2018, , .		0