

Paulo Mp Monteiro

List of Publications by Year in descending order

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328
papers

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361413
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342
docs citations

342
times ranked

1664
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Bandwidth Allocation for NG-PONs With Channel Bonding. IEEE Communications Letters, 2022, 26, 374-378.	4.1	4
2	Free-Space Terabit Optical Interconnects. Journal of Lightwave Technology, 2022, 40, 1519-1526.	4.6	15
3	Coherent Free-Space Optical Communications: Opportunities and Challenges. Journal of Lightwave Technology, 2022, 40, 3173-3186.	4.6	36
4	5G-Compatible IF-Over-Fiber Transmission Using a Low-Cost SFP-Class Transceiver. IEEE Access, 2022, 10, 24601-24610.	4.2	4
5	Theoretical and Experimental Analysis of LED Lamp for Visible Light Communications. Wireless Personal Communications, 2022, 125, 3461-3477.	2.7	7
6	A Survey on MIMO-OFDM Systems: Review of Recent Trends. Signals, 2022, 3, 359-395.	1.9	14
7	Joint Optical Wireless Communication and Localization Using OFDM. IEEE Photonics Technology Letters, 2022, 34, 757-760.	2.5	0
8	Experimental assessment of the performance of cooperative links in visible light communications. Optics Communications, 2022, 524, 128771.	2.1	3
9	Joint Carrier-Phase Estimation for Digital Subcarrier Multiplexing Systems With Symbol-Rate Optimization. Journal of Lightwave Technology, 2021, 39, 6403-6412.	4.6	10
10	Experimental Analysis of the Impact of Indoor Turbulence on FSO for Intra-Datacenter Communications. , 2021, , .		5
11	On the Suitability of VLC Enabled Fronthaul for Future Mobile Network. , 2021, , .		0
12	Rate Adaptability Using LUT-Based Distribution Matching for Probabilistic Constellation Shaping. IEEE Photonics Technology Letters, 2021, 33, 143-146.	2.5	1
13	An Overview of LiDAR Requirements and Techniques for Autonomous Driving. , 2021, , .		13
14	Development and Experimental Validation of a 5G-NR Simulator Supporting Carrier Aggregation. , 2021, , .		1
15	Self-Adjusting DBA Algorithm for Next Generation PONs (NG-PONs) to Support 5G Fronthaul and Data Services. Journal of Lightwave Technology, 2021, 39, 1913-1924.	4.6	17
16	Adaptive optical beam alignment and link protection switching for 5G-over-FSO. Optics Express, 2021, 29, 20136.	3.4	11
17	Enhanced Phase Estimation for Long-Haul Multi-Carrier Systems Using a Dual-Reference Subcarrier Approach. Journal of Lightwave Technology, 2021, 39, 2714-2724.	4.6	11
18	Optimizing Probabilistic Constellation Shaping for Amplifier-Less Coherent Optical Links. Journal of Lightwave Technology, 2021, 39, 4318-4330.	4.6	11

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19	Cooperative Method for Distributed Target Tracking for OFDM Radar With Fusion of Radar and Communication Information. IEEE Sensors Journal, 2021, 21, 15584-15597.	4.7	14
20	Towards a Sustainable Green Design for Next-Generation Networks. Wireless Personal Communications, 2021, 121, 1123-1138.	2.7	3
21	Software-Defined Radio Enabled Cloud Radio Access Network Implementation Using OpenAirInterface. Wireless Personal Communications, 2021, 121, 1233-1253.	2.7	1
22	6G CloudNet: Towards a Distributed, Autonomous, and Federated AI-Enabled Cloud and Edge Computing. Computer Communications and Networks, 2021, , 251-283.	0.8	3
23	Enhancing Power Budget and Spectral Efficiency in Amplifier-Less Coherent Optical Links. IEEE Photonics Technology Letters, 2021, 33, 1383-1386.	2.5	5
24	AI-Based Cooperative Optimization of Pre- and Post-Compensation Filters for Coherent Transceivers with Limited Bandwidth and ENOB. , 2021, , .		1
25	Artificial Neural Network Symbol Estimator With Enhanced Robustness to Nonlinear Phase Noise. IEEE Photonics Technology Letters, 2021, 33, 1341-1344.	2.5	0
26	Single-Wavelength Terabit FSO Channel for Datacenter Interconnects Enabled by Adaptive PCS. , 2021, , .		13
27	Towards Enhanced Mobile Broadband Communications: A Tutorial on Enabling Technologies, Design Considerations, and Prospects of 5G and beyond Fixed Wireless Access Networks. Applied Sciences (Switzerland), 2021, 11, 10427.	2.5	17
28	400G+ Wireless Transmission via Free-Space Optics. , 2021, , .		4
29	Overcoming WSS Filtering with Bandwidth-Variable Probabilistic Constellation Shaping. , 2021, , .		1
30	Maximizing the Performance of Digital Multi-Carrier Systems with Transmission-Aware Joint Carrier Phase Recovery. , 2021, , .		1
31	400G MIMO-FSO Transmission with Enhanced Reliability Enabled by Joint LDPC Coding. , 2021, , .		4
32	Impact of the carrier contribution factor in the self-coherent DC-value method. Optics Express, 2021, 29, 41234.	3.4	2
33	DML-Based Fiber-Wireless Transmission of a 12Å—400MHz mmWave Signal Enhanced by Bit and Power Loading. , 2021, , .		0
34	5G-NR based Joint RADAR and Communication System Using Low-Cost Photonic Fronthaul. , 2021, , .		0
35	200 G Outdoor Free-Space-Optics Link Using a Single-Photodiode Receiver. Journal of Lightwave Technology, 2020, 38, 394-400.	4.6	29
36	High-Resolution Delay-Doppler Estimation Using Received Communication Signals for OFDM Radar-Communication System. IEEE Transactions on Vehicular Technology, 2020, 69, 13112-13123.	6.3	14

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37	Adaptive Probabilistic Shaped Modulation for High-Capacity Free-Space Optical Links. Journal of Lightwave Technology, 2020, 38, 6529-6541.	4.6	27
38	Fusion of Radar and Communication Information for Tracking in OFDM Automotive Radar at 24 GHz. , 2020, , .		3
39	Multi-Carrier 5G-Compliant DML-Based Transmission Enhanced by Bit and Power Loading. IEEE Photonics Technology Letters, 2020, 32, 737-740.	2.5	8
40	Demonstration of a hybrid optical fiberâ€“wireless 5G fronthaul coexisting with end-to-end 4G networks. Journal of Optical Communications and Networking, 2020, 12, 72.	4.8	36
41	Performance Analysis of 5G Fixed Wireless Access Networks with Antenna Diversity Techniques. Wireless Personal Communications, 2020, 113, 1541-1565.	2.7	5
42	Chromatic Dispersion-Aware Carrier-Phase Estimation for Digital Subcarrier Multiplexing Systems. , 2020, , .		3
43	Joint Optimization of Coding, Shaping and Clipping for Amplifier-Less Coherent Optical Systems. , 2020, , .		3
44	Functional Split Perspectives: A Disruptive Approach to RAN Performance Improvement. Wireless Personal Communications, 2019, 106, 205-218.	2.7	4
45	Enhanced analysis of 10ÂGbit/s OFDM-RoF-NGPON. Journal of Optics (India), 2019, 48, 314-317.	1.7	0
46	Non-Orthogonal Multicarrier Waveform for Radar With Communications Systems: 24 GHz GFDM RadCom. IEEE Access, 2019, 7, 128694-128705.	4.2	8
47	Low Latency Dynamic Bandwidth Allocation Algorithms for NG-PON2 to Support 5G Fronthaul and Data Services. , 2019, , .		4
48	Effects of Correlated Multivariate FSO Channel on Outage Performance of Space-Air-Ground Integrated Network (SAGIN). Wireless Personal Communications, 2019, 106, 7-25.	2.7	12
49	High-Resolution DOA Estimation of Closely-Spaced and Correlated Targets for MIMO OFDM Radar-Communication System. , 2019, , .		5
50	Performance Improvement of VLC Systems Employing an Amplify-and-Forward Scheme. , 2019, , .		0
51	Optically Generated Millimeter Wave Reflectometry Signals: Approach Followed in the RETIOT Project. , 2019, , .		0
52	On the use of Amplification in Visible Light Communication Systems. , 2019, , .		0
53	Enhanced resilience towards ROADM-induced optical filtering using subcarrier multiplexing and optimized bit and power loading. Optics Express, 2019, 27, 30710.	3.4	13
54	200 Gbit/s Free-Space Optics Transmission Using a Kramers-Kronig Receiver. , 2019, , .		8

#	ARTICLE	IF	CITATIONS
55	Dynamic Bandwidth Allocation algorithms for NG-PON2 to support 5G Fronthaul services. , 2019, , .		2
56	Experimental Transmission of LTE Signal Using Visible Light Communications. , 2019, , .		0
57	Compact Models for Critical Node Detection in Telecommunication Networks. Electronic Notes in Discrete Mathematics, 2018, 64, 325-334.	0.4	27
58	Toward an Efficient C-RAN Optical Fronthaul for the Future Networks: A Tutorial on Technologies, Requirements, Challenges, and Solutions. IEEE Communications Surveys and Tutorials, 2018, 20, 708-769.	39.4	269
59	Real-time dual-polarization transmission based on hybrid optical wireless communications. Optical Fiber Technology, 2018, 40, 114-117.	2.7	17
60	Research Challenges, Trends and Applications for Future Joint Radar Communications Systems. Wireless Personal Communications, 2018, 100, 81-96.	2.7	45
61	Performance Analysis of Space-Air-Ground Integrated Network (SAGIN) Over an Arbitrarily Correlated Multivariate FSO Channel. Wireless Personal Communications, 2018, 100, 47-66.	2.7	14
62	24 GHz QAM-FBMC Radar with Communication System (RadCom). , 2018, , .		6
63	Mitigation of Nonlinear Distortions in a mm Wave OFDM Photonic Link Employing Digital Signal Pre-Processing. , 2018, , .		0
64	Reducing ROADM Filtering Penalties Using Subcarrier Multiplexing with Offline Bit and Power Loading. , 2018, , .		4
65	Real-Time FPGA-Based Delta-Sigma-Modulation Transmission for 60 GHz Radio-Over-Fiber Fronthaul. , 2018, , .		3
66	Millimeter-Wave Real-Time All-Digital Transmitter with Electro-Optical Upconversion. , 2018, , .		1
67	Comparison of DoA Algorithms for MIMO OFDM Radar. , 2018, , .		12
68	Flexible Infrastructure for the Development and Integration of Access/Fronthauling Solutions in Future Wireless Systems. , 2018, , .		5
69	Emprego de tĂ©cnica FDMA-SCM em Redes Ă©pticas Passivas com o uso de RSOAs. , 2018, , .		0
70	Channel characterization and empirical model for ergodic capacity of free-space optical communication link. Optics Communications, 2017, 390, 123-129.	2.1	22
71	Spatial Interpolated Lookup Tables (LUTs) Models for Ergodic Capacity of MIMO FSO Systems. IEEE Photonics Technology Letters, 2017, 29, 583-586.	2.5	18
72	Fiber wireless-optical transceiver architectures for 60 GHz LANs. , 2017, , .		0

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73	A worst case analysis of C-RAN fronthaul coverage length with Ethernet based technologies. , 2017, , .		0
74	Analysis of multiuser mixed RF/FSO relay networks for performance improvements in Cloud Computing-Based Radio Access Networks (CC-RANs). Optics Communications, 2017, 402, 653-661.	2.1	27
75	Outage Probability of Multiuser Mixed RF/FSO Relay Schemes for Heterogeneous Cloud Radio Access Networks (H-CRANs). Wireless Personal Communications, 2017, 95, 27-41.	2.7	20
76	Effects of diversity schemes and correlated channels on OWC systems performance. Journal of Modern Optics, 2017, 64, 2298-2305.	1.3	12
77	Lightpath admission control and rerouting in dynamic flexã€grid optical transport networks. Networks, 2017, 69, 151-163.	2.7	9
78	A flexible physical layer and fronthaul research testbed for C-RAN. Microprocessors and Microsystems, 2017, 52, 480-490.	2.8	1
79	XPM Crosstalk Using V and W Band in SCMã€WDMã€HAN. Optical and Quantum Electronics, 2016, 48, 1.	3.3	6
80	Optical wireless communication for future broadband access networks. , 2016, , .		17
81	Throughput assessment of TCP over distributed WiFi access networks supported by RoF. , 2016, , .		0
82	Optical radio convergence infrastructure for communications and power delivering (ORCIP). , 2016, , .		0
83	Compact ILP formulations for the routing and wavelength assignment problem in the design of optical transport networks with regenerators. EURO Journal on Computational Optimization, 2016, 4, 189-213.	2.4	2
84	Lightpath Admission Control in Dynamic Optical Transport Networks. Electronic Notes in Discrete Mathematics, 2016, 52, 205-212.	0.4	3
85	High Spectral Wavelength Agnostic Multicarrier D-RoF Modem Based on Uncooled RSOA. IEEE Photonics Technology Letters, 2016, 28, 1010-1013.	2.5	3
86	Caracterizaã€o em Temperatura de Dispositivos Emissores para Emprego em ONUs. , 2016, , .		0
87	Impact of Grooming Architecture of Transport Nodes in Line Interface Count for Multi-Period Planning. , 2015, , .		4
88	High spectral efficient and flexible multicarrier D-RoF modem using up to 1024-QAM modulation format. , 2015, , .		2
89	Implementation and Evaluation of a Low Latency and Resource Efficient Compression Method for Digital Radio Transport of OFDM Signals. , 2015, , .		4
90	Temperature and bias current behavior of uncooled light sources for application in Passive Optical Networks. , 2015, , .		1

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91	Site-Dependent Pumping Effect on Two-Level EDFAs. Journal of Lightwave Technology, 2015, 33, 285-292.	4.6	2
92	Cost effective Hybrid Dynamic Radio Access supported by Radio over Fiber. , 2015, , .		1
93	Benefits of Node Architecture Flexibility and Hitless Re-Grooming in Transport Networks. Journal of Lightwave Technology, 2015, 33, 4424-4436.	4.6	10
94	Mobile fronthaul RoF transceivers for C-RAN applications. , 2015, , .		10
95	Colourless ONU based on self seed signal RSOA in a WDM-PON. , 2014, , .		0
96	Design cost and spectrum efficiency comparison of fixed-grid and flex-grid optical networks with grooming. , 2014, , .		3
97	On the impact of client to line port blocking in the line interface count and footprint of transport networks. , 2014, , .		3
98	Challenges in Digital Data Backhaul networks for Square Kilometre Array radio telescope. , 2014, , .		0
99	Hybrid fibre infrastructures for cloud radio access networks. , 2014, , .		4
100	Identification of Peer-to-Peer VoIP Sessions Using Entropy and Codec Properties. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 2004-2014.	5.6	12
101	Algorithms in the deployment of Optical Transport Networks. , 2013, , .		1
102	Detection and classification of peer-to-peer traffic. ACM Computing Surveys, 2013, 45, 1-40.	23.0	36
103	Impact of Node Architecture in the Power Consumption and Footprint Requirements of Optical Transport Networks. Journal of Optical Communications and Networking, 2013, 5, 421.	4.8	15
104	Dynamics of SHB and SDP on 9XX EDFAs: Dependence on spectral allocation of input channels. , 2013, , .		0
105	Impact and compensation techniques of laser phase noise in ultra-dense coherent access networks. , 2013, , .		1
106	Total cost of ownership comparison between single and mixed line rate networks. , 2013, , .		1
107	The cost dependence between the grooming scheme, the node architecture and the traffic pattern in optical networks. , 2013, , .		1
108	Fast synthesis of persistent fractional Brownian motion. ACM Transactions on Modeling and Computer Simulation, 2012, 22, 1-21.	0.8	3

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109	Exploring Behavioral Patterns Through Entropy in Multimedia Peer-to-Peer Traffic. Computer Journal, 2012, 55, 740-755.	2.4	4
110	Flexible OTDM to WDM converter enabled by a programmable optical processor. Optics Express, 2012, 20, 1783.	3.4	3
111	Experimental evaluation of a polarization tracking algorithm for single-polarization M-(D)PSK signals using coherent detection. , 2012, , .		1
112	Cost evaluation in optical networks: Node architecture and energy consumption. , 2012, , .		0
113	Generating near-optimal survivable topologies. , 2012, , .		1
114	Optical transport network design with collocated regeneration and differential delay compensation. , 2012, , .		5
115	Nonlinear Semi-Analytical Model for Simulation of Few-Mode Fiber Transmission. IEEE Photonics Technology Letters, 2012, 24, 240-242.	2.5	63
116	Semi-analytical model for linear modal coupling in few-mode fiber transmission. , 2012, , .		14
117	Weighted Undepleted Pump Model for Broadband Counter-Pumped Raman Fiber Amplifiers. Journal of Optical Communications and Networking, 2012, 4, 595.	4.8	1
118	Optimization Framework for Supporting 40 Gb/s and 100 Gb/s Services over Heterogeneous Optical Transport Networks. Journal of Networks, 2012, 7, .	0.4	2
119	Multi-stage optimization framework for transporting 100-GbE over OTN with distributed differential delay compensation. , 2011, , .		0
120	Photonic Instantaneous Frequency Measurement System Using Complementary Modulation. IEEE Photonics Technology Letters, 2011, 23, 143-145.	2.5	2
121	Photonic instantaneous RF frequency measurement system based on complementary modulation. , 2011, , .		0
122	Guest Editorial Distributed Broadband Wireless Communications. IEEE Journal on Selected Areas in Communications, 2011, 29, 1121-1122.	14.0	4
123	Optimized Routing and Buffer Design for Optical Transport Networks Based on Virtual Concatenation. Journal of Optical Communications and Networking, 2011, 3, 725.	4.8	9
124	Prospects of supporting distributed antenna systems over next-generation optical access and metro-access networks. , 2011, , .		0
125	Impact of collocated regeneration and differential delay compensation in optical transport networks. , 2011, , .		2
126	Dual band signal generation for millimeter-wave RoF systems with subcarrier multiplexing. , 2011, , .		0

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127	Highly Linear Single Sideband Transmitter for Radio-Over-Fiber Systems. IEEE Photonics Technology Letters, 2011, 23, 1718-1720.	2.5	5
128	The European Galactico project: Coherent Terabit Ethernet systems using 4 μm rib waveguide silicon-on-insulator technology and GaAs electro-optic modulators. , 2011, , .		0
129	Photonic instantaneous RF frequency measurement system based on complementary modulation. , 2011, , .		0
130	Raman amplifier undepleted pump model customization to include pump-to-pump interactions. , 2011, , .		0
131	Cost-Optimized Planning for Supporting 100 Gb/s and 40 Gb/s Services over Channel Count-Limited Optical Transport Networks. , 2011, , .		2
132	Enhanced Differential Delay Compensation in OTN with Dedicated and Shared Buffering Architectures. , 2011, , .		0
133	Routable OTDM to WDM Converter enabled by a Programmable Optical Processor. , 2011, , .		0
134	All-optical grooming for 100 Gbit/s ethernet. Proceedings of SPIE, 2010, , .	0.8	0
135	Heuristic Strategies for Routing 100-GbE over OTN in Distributed Differential Delay Compensation Architectures. , 2010, , .		1
136	Photonic Instantaneous Microwave Frequency Measurement System Based on Signal Remodulation. IEEE Photonics Technology Letters, 2010, 22, 1226-1228.	2.5	19
137	All-optical generation of 40Gb/s single sideband signals using a fiber Bragg grating. Optics Communications, 2010, 283, 2492-2495.	2.1	0
138	An overview of routing methods in optical burst switching networks. Optical Switching and Networking, 2010, 7, 41-53.	2.0	34
139	Scalable and cost-effective design of optical transport networks supporting heterogeneous Ethernet services. , 2010, , .		6
140	On supporting multiple radio channels over a SCM-Based distributed antenna system: A feasibility assessment. , 2010, , .		0
141	Dynamic alternative routing with local protection paths in MPLS networks. , 2010, , .		0
142	Optimization framework for supporting 40 Gb/s and 100 Gb/s services over optical transport networks. , 2010, , .		3
143	Source traffic analysis. ACM Transactions on Multimedia Computing, Communications and Applications, 2010, 6, 1-23.	4.3	9
144	Simplified Framework for Optimal Support of 40Gb/s and 100Gb/s Services over OTN Exploiting Grooming and VCAT. , 2010, , .		1

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145	Experimental Demonstration of a Nonlinear Effects Crosstalk Minimization Algorithm. , 2010, , .		1
146	Field Experiments With a Grooming Switch for OTDM Meshed Networking. Journal of Lightwave Technology, 2010, 28, 316-327.	4.6	14
147	Tunable Optical Dispersion Compensator Based on Power Splitting Between Two Dispersive Media. Journal of Lightwave Technology, 2010, 28, 1164-1175.	4.6	5
148	Photonic True-Time Delay Beamforming Based on Polarization-Domain Interferometers. Journal of Lightwave Technology, 2010, 28, 2492-2498.	4.6	21
149	Fiber Optic Networks for Distributed Radio Architectures: FUTON Concept and Operation. , 2010, , .		14
150	Low-cost optical components based on organic-inorganic hybrids produced using direct UV writing technique. , 2010, , .		0
151	The Nature of Peer-to-Peer Traffic. , 2010, , 1231-1252.		2
152	A comparison of remote radio head optical transmission technologies for next generation wireless systems. , 2009, , .		16
153	Performance assessment of optical burst switching networks based on a common control channel with distributed control. , 2009, , .		0
154	40 Gb/s all-optical RZ to NRZ format converter based on SOA and detuned filtering. , 2009, , .		1
155	Error-free wavelength conversion at 160â€¦Gbit/s in PPLN waveguide at room temperature. Electronics Letters, 2009, 45, 1135.	1.0	18
156	The design and evaluation of the Simple Self-Similar Sequences Generator. Information Sciences, 2009, 179, 4029-4045.	6.9	0
157	Forward error correction in 10 Gbits/s Ethernet passive optical networks. Journal of Optical Networking, 2009, 8, 84.	2.5	5
158	In-band crosstalk penalties in optical networks with narrow optical and electric filtering. Optics Express, 2009, 17, 4605.	3.4	2
159	Photonic RF instantaneous frequency measurement system by means of a polarizatio-ndomain interferometer. Optics Express, 2009, 17, 5433.	3.4	67
160	Optical grooming switch with regenerative functionality for transparent interconnection of networks. Optics Express, 2009, 17, 15173.	3.4	12
161	Simulation and Experimental Characterization of SOA-MZI-Based Multiwavelength Conversion. Journal of Lightwave Technology, 2009, 27, 117-127.	4.6	28
162	Optical Signal-to-Noise Ratio Estimation Using Reference Asynchronous Histograms. Journal of Lightwave Technology, 2009, 27, 731-743.	4.6	16

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163	Traffic Engineering in the Wavelength Domain for Optical Burst-Switched Networks. Journal of Lightwave Technology, 2009, 27, 3075-3091.	4.6	2
164	Highly Linear Integrated Optical Transmitter for Subcarrier Multiplexed Systems. IEEE Photonics Technology Letters, 2009, 21, 438-440.	2.5	44
165	Evaluation of a Multiobjective Alternative Routing Method in Carrier IP/MPLS Networks. Lecture Notes in Computer Science, 2009, , 195-206.	1.3	4
166	Radio-over-fiber as the enabler for joint processing of spatially separated radio signals. , 2009, , .		0
167	Optimized node dimensioning in OBS networks using contention minimization in the wavelength domain. , 2009, , .		1
168	Optimized combination of wavelength converters and optical buffers for OBS networks using wavelength contention minimization. , 2009, , .		1
169	An all-optical grooming switch with regenerative capabilities. , 2009, , .		1
170	Application of Fabry-Perot Bragg Grating cavities to optical networks. , 2009, , .		0
171	Optical Transport Network Design for Inverse-Multiplexed 100 Gb/s Ethernet Services with Minimum Capacity and Buffer Requirements. , 2009, , .		1
172	On using all-optical burst-mode power equalization in converged metro-access networks. , 2009, , .		1
173	All-optical processing, still a chance with DP-DQPSK. , 2009, , .		0
174	Comparative evaluation of fibre-optic architectures for next-generation distributed antenna systems. , 2009, , .		9
175	External modulator linearization techniques for high performance radio over fiber transmission systems. , 2009, , .		1
176	All-optical conversion to vestigial sideband through self-phase modulation in semiconductor optical amplifier. , 2009, , .		3
177	40 Gb/s optical single-sideband transmission resorting to pseudolinear regime and electrical dispersion compensation. , 2009, , .		1
178	Multilayer Optimization of Inverse-Multiplexed 100 Gb/s Ethernet Services over Optical Transport Networks. , 2009, , .		1
179	Convergence of optical and millimeter-wave broadband wireless access networks. , 2009, , .		1
180	A New Architecture for Optical Burst Switching Networks Based on Cooperative Control. , 2009, , .		1

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181	Novel photonic RF instantaneous frequency measurement system using a fiber-based interferometer. , 2009, , .		0
182	Wavelength conversion of a 160 Gb/s RZ OTDM signal in a PPLN waveguide at room temperature. , 2009, , .		0
183	Contention minimisation in optical burst-switched networks combining traffic engineering in the wavelength domain and delayed ingress burst scheduling. IET Communications, 2009, 3, 372.	2.2	4
184	All-optical signal processing techniques with fiber based devices. , 2009, , .		1
185	On triplexer design for next generation Ethernet passive optical network systems. International Journal of Communication Networks and Distributed Systems, 2009, 2, 214.	0.4	0
186	MZI-SOA-based 2R regeneration of OCDMA signals with multiaccess interference noise. Microwave and Optical Technology Letters, 2008, 50, 1521-1523.	1.4	2
187	All-Optical Burst-Mode Power Equalizer Based on Cascaded SOAs for 10-Gb/s EPONs. IEEE Photonics Technology Letters, 2008, 20, 2078-2080.	2.5	24
188	Impact of Self-Phase Modulation on In-Band Crosstalk Penalties. IEEE Photonics Technology Letters, 2008, 20, 644-646.	2.5	6
189	XPM Degradation of Dispersion-Precompensated Intensity Modulation Direct-Detection Systems Without Inline Dispersion Compensation. IEEE Photonics Technology Letters, 2008, 20, 736-738.	2.5	2
190	40-Gb/s Multichannel NRZ to CSRZ Format Conversion Using an SOA. IEEE Photonics Technology Letters, 2008, 20, 1597-1599.	2.5	8
191	Self-protected long-reach 10 Gbits/s EPONs based on a ring architecture. Journal of Optical Networking, 2008, 7, 467.	2.5	5
192	Long-Reach 10 Gbps Ethernet Passive Optical Network based on a Protected Ring Architecture. , 2008, , .		6
193	Development of 10 Gb/s EPON in IEEE 802.3av. , 2008, 46, 40-47.		26
194	Use of return-to-zero formats in electrical dispersion compensated optical single sideband transmission systems. IET Optoelectronics, 2008, 2, 148-157.	3.3	0
195	Zombie Identification Port. , 2008, , .		0
196	The Ethernet Frame Payload Size and Its Effect on IPv4 and IPv6 Traffic. , 2008, , .		13
197	Analysis of the Impact of Intensive Attacks on the Self-Similarity Degree of the Network Traffic. , 2008, , .		5
198	Highly linear radio-over-fiber transmitter for subcarrier multiplexed systems. , 2008, , .		2

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199	On supporting radio over fiber and passive optical network systems with a common fiber plant: Compatibility aspects. , 2008, , .		9
200	GVD and PMD monitoring by means of SPM and XPM effects in a SOA. , 2008, , .		4
201	Tunable passive compensating devices for high bit rate optical systems. , 2008, , .		0
202	Using adapted visibility graphs for network planning. , 2008, , .		6
203	Analysis of Peer-to-Peer Traffic Using a Behavioural Method Based on Entropy. , 2008, , .		14
204	OTDM-to-WDM Conversion based on Wavelength Conversion and Time Gating in a Single Optical Gate. , 2008, , .		7
205	10G EPON Standardization in IEEE 802.3av Project. , 2008, , .		5
206	Routing and buffer placement optimization in optical burst switched networks. , 2008, , .		0
207	2R/3R optical grooming switch with time-slot interchange. , 2008, , .		3
208	Bandwidth-Efficient Optical Burst-Switched Networks using only a Minimum Number of Shared Wavelength Converters. , 2008, , .		2
209	Performance Study of OBS Networks Using Traffic Engineering in the Wavelength Domain and Delayed Ingress Burst Scheduling. , 2008, , .		4
210	Performance comparison of Optical Burst-Switched Networks with flexible burst scheduling at the ingress edge nodes. , 2008, , .		0
211	Challenges and trends in optical networking: A bottom-up approach. , 2008, , .		3
212	All-optical RZ-DPSK packet compressor and decompressor based on MZI-quantum-dot-SOA. , 2008, , .		1
213	All Optical Vestigial Sideband Generation using counter propagating pumping in Semiconductor Optical Amplifier. , 2007, , .		2
214	Analytical Modeling of the Cross-Phase Modulation-Induced Degradation in Mixed DPSK and ASK Transmission Systems. , 2007, , .		1
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