Yuefeng Ji

List of Publications by Year in descending order

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232	4,078	159585	175258
papers	citations	30 h-index	52 g-index

234	234	234	3091
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deep Reinforcement Learning-Based Policy for Baseband Function Placement and Routing of RAN in 5G and Beyond. Journal of Lightwave Technology, 2022, 40, 470-480.	4.6	13
2	Low Latency DWBA Scheme for Mini-Slot Based 5G new Radio in a Fixed and Mobile Converged TWDM-PON. Journal of Lightwave Technology, 2022, 40, 3-13.	4.6	12
3	Experimental demonstration of all-optical aggregation and de-aggregation for a QPSK signal in an elastic optical network. Optics Express, 2022, 30, 6456.	3.4	9
4	Coupled-Theoretical-Model-Based on-Demand Quantum Secured Future Fronthaul Architecture Over Hybrid Core Fibers. Journal of Lightwave Technology, 2022, 40, 4276-4286.	4.6	2
5	Channel Characteristics Based Adjustable Fingerprint for Identity Authentication in WDM-PON With Deep Neural Networks. IEEE Photonics Journal, 2022, 14, 1-11.	2.0	1
6	Three-loop electro-optical phase chaotic secure communication system with time-delay signatures concealment and key space enhancement. Optics Communications, 2022, 512, 128065.	2.1	14
7	A time-delay signature elimination and broadband electro-optic chaotic system with enhanced nonlinearity by deep learning. Optics Express, 2022, 30, 17698.	3.4	8
8	Optical chaos generation and synchronization in secure communication with electro-optic coupling mutual injection. Optics Communications, 2022, 521, 128565.	2.1	9
9	Electro-optic chaotic system based on time delay feature hiding and key space enhancement based on chaotic post-processing. Applied Optics, 2022, 61, 5098.	1.8	1
10	All-Optical Aggregation and De-Aggregation of 4Ã—BPSK-16QAM Using Nonlinear Wave Mixing for Flexible Optical Network. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-8.	2.9	8
11	2D-to-1D constellation reforming using phase-sensitive amplifier-based constellation squeezing and shifting. Optics Express, 2021, 29, 3724.	3.4	13
12	Electro-optic chaos system with time delay signature concealment based on XOR operation and multi-bit PRBS. Optics Express, 2021, 29, 7327.	3.4	13
13	Adaptive UAV-Assisted Geographic Routing With Q-Learning in VANET. IEEE Communications Letters, 2021, 25, 1358-1362.	4.1	31
14	Simultaneous Long-Distance Transmission of Discrete-Variable Quantum Key Distribution and Classical Optical Communication. IEEE Transactions on Communications, 2021, 69, 3222-3234.	7.8	13
15	Learning-Based Cognitive Hitless Spectrum Defragmentation for Dynamic Provisioning in Elastic Optical Networks. IEEE Communications Letters, 2021, 25, 1600-1604.	4.1	16
16	Key-Size-Driven Wavelength Resource Sharing Scheme for QKD and the Time-Varying Data Services. Journal of Lightwave Technology, 2021, 39, 2661-2672.	4.6	9
17	Impact of Classical Modulation Signals on Quantum Key Distribution Over Multicore Fiber. Journal of Lightwave Technology, 2021, 39, 4341-4350.	4.6	8
18	Cooperative Offloading in D2D-Enabled Three-Tier MEC Networks for IoT. Wireless Communications and Mobile Computing, 2021, 2021, 1-13.	1.2	5

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19	Energy-Efficient DU-CU Deployment and Lightpath Provisioning for Service-Oriented 5G Metro Access/Aggregation Networks. Journal of Lightwave Technology, 2021, 39, 5347-5361.	4.6	16
20	Hierarchical community discovery for multi-stage IP bearer network upgradation. Journal of Network and Computer Applications, 2021, 189, 103151.	9.1	4
21	Universal Hash Based Built-In Secure Transport in FlexE Over WDM Networks. Journal of Lightwave Technology, 2021, 39, 5680-5690.	4.6	6
22	All-optical simultaneous amplitude and phase regeneration for MPSK signal with ASE noise based on two-wave PSA. Optics Communications, 2021, 499, 127281.	2.1	1
23	Time-delay signature concealing electro-optic chaotic system with multiply feedback nonlinear loops. Optics Express, 2021, 29, 706.	3.4	15
24	Deep reinforcement learning-based radio function deployment for secure and resource-efficient NG-RAN slicing. Engineering Applications of Artificial Intelligence, 2021, 106, 104490.	8.1	7
25	Physical Layer Cryptography Key Generation by Estimating Channel Characteristics based on Neural Network. , 2021, , .		0
26	Topology Optimizing in FSO-based UAVs Relay Networks for Resilience Enhancement. Mobile Networks and Applications, 2020, 25, 350-362.	3.3	8
27	Wideband complex-enhanced bidirectional phase chaotic secure communication with time-delay signature concealment. Chaos, 2020, 30, 093138.	2.5	8
28	Energy and Transmission Efficiency Enhancement in Passive Optical Network Enabled Reconfigurable Fronthaul Supporting Smart Homes. Sensors, 2020, 20, 6245.	3.8	1
29	Packaged Microbubble Resonator for Versatile Optical Sensing. Journal of Lightwave Technology, 2020, 38, 4555-4559.	4.6	17
30	Optimizing Networked Flying Platform Deployment and Access Point Association in FSO-Based Fronthaul Networks. IEEE Wireless Communications Letters, 2020, 9, 1221-1225.	5.0	12
31	Ultra-Low Index-Contrast Polymeric Photonic Crystal Nanobeam Electro-Optic Modulator. IEEE Photonics Journal, 2020, 12, 1-8.	2.0	7
32	Tunable all-optical format conversion for BPSK to OOK based on highly nonlinear optical loop mirror. Optics Communications, 2020, 473, 125907.	2.1	4
33	Joint Optimization of Latency and Deployment Cost Over TDM-PON Based MEC-Enabled Cloud Radio Access Networks. IEEE Access, 2020, 8, 681-696.	4.2	21
34	ANN-Based Multi-Channel QoT-Prediction Over a 563.4-km Field-Trial Testbed. Journal of Lightwave Technology, 2020, 38, 2646-2655.	4.6	22
35	Hierarchical MEC Servers Deployment and User-MEC Server Association in C-RANs over WDM Ring Networks. Sensors, 2020, 20, 1282.	3.8	8
36	Artificial intelligence-driven autonomous optical networks: 3S architecture and key technologies. Science China Information Sciences, 2020, 63, 1.	4.3	36

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37	Can Fine-Grained Functional Split Benefit to the Converged Optical-Wireless Access Networks in 5G and Beyond?. IEEE Transactions on Network and Service Management, 2020, 17, 1774-1787.	4.9	26
38	Isolation-Aware 5G RAN Slice Mapping Over WDM Metro-Aggregation Networks. Journal of Lightwave Technology, 2020, 38, 1125-1137.	4.6	36
39	Random Energy Beamforming for Magnetic MIMO Wireless Power Transfer System. IEEE Internet of Things Journal, 2020, 7, 1773-1787.	8.7	12
40	Machine learning for intelligent optical networks: A comprehensive survey. Journal of Network and Computer Applications, 2020, 157, 102576.	9.1	80
41	Deep neural network method for channel estimation in visible light communication. Optics Communications, 2020, 462, 125272.	2.1	18
42	All-optical phase regeneration for DP-QPSK/8PSK signals based on dual-conjugate pump degenerate phase sensitive amplification. Optics Communications, 2020, 473, 125847.	2.1	1
43	DU/CU Placement for C-RAN over Optical Metro-Aggregation Networks. Lecture Notes in Computer Science, 2020, , 82-93.	1.3	12
44	Phase-sensitive amplifier-based optical conversion for direct detection of complex modulation format to bridge long-haul transmissions and short-reach interconnects. Optics Express, 2020, 28, 2349.	3.4	21
45	Multi-resonance and ultra-wideband terahertz metasurface absorber based on micro-template-assisted self-assembly method. Optics Express, 2020, 28, 2547.	3.4	17
46	Key space enhancement of a chaos secure communication based on VCSELs with a common phase-modulated electro-optic feedback. Optics Express, 2020, 28, 23961.	3.4	24
47	Flexible Optical Network Enabled Hybrid Recovery for Edge Network with Reinforcement Learning. , 2020, , .		5
48	Flexible Optical Network Enabled Proactive Cross-layer Restructuring for 5G/B5G Backhaul Network with Machine Learning Engine. , 2020, , .		5
49	Service-oriented DU-CU Placement Using Reinforcement Learning in 5G/B5G Converged Wireless-Optical Networks. , 2020, , .		15
50	Real-time monitoring of hydrogel phase transition in an ultrahigh Q microbubble resonator. Photonics Research, 2020, 8, 497.	7.0	34
51	Intercore spontaneous Raman scattering impact on quantum key distribution in multicore fiber. New Journal of Physics, 2020, 22, 083020.	2.9	14
52	Optical De-aggregation from 9QAM to PAM3 using Phase-sensitive Amplifier-based Optical Quadrature De-multiplexing and Two-level Vector Moving. , 2020, , .		1
53	All-optical aggregation and de-aggregation between 3 Ã— BPSK and 8QAM in HNLF with wavelength preserved. Applied Optics, 2020, 59, 1092.	1.8	10
54	Impact of Modulation Formats and Bandwidth on Quantum Secured 5G Optical Fronthaul over Multicore Fiber. , 2020, , .		5

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55	Multicore-fiber-based quantum-classical access network architecture with quantum signal wavelength-time division multiplexing. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 1047.	2.1	6
56	Dynamic 5G RAN slice adjustment and migration based on traffic prediction in WDM metro-aggregation networks. Journal of Optical Communications and Networking, 2020, 12, 403.	4.8	9
57	Multi-channel phase regeneration of QPSK signals based on phase sensitive amplification. Frontiers of Optoelectronics, 2019, 12, 24-30.	3.7	6
58	Low-Latency Oriented Network Planning for MEC-Enabled WDM-PON Based Fiber-Wireless Access Networks. IEEE Access, 2019, 7, 183383-183395.	4.2	22
59	Proactive Grooming With Delay Optimization in Sliceable Elastic Optical Network. IEEE Access, 2019, 7, 105030-105040.	4.2	2
60	Dynamic traffic aware active queue management using deep reinforcement learning. Electronics Letters, 2019, 55, 1084-1086.	1.0	3
61	QPSK Signal Regeneration Based on Vector Phase Sensitive Amplification With Low Pump Powers. IEEE Access, 2019, 7, 63936-63943.	4.2	11
62	Fragmentation-Based Quantum Key Distribution (QKD) in WDM Networks. , 2019, , .		1
63	Joint Wavelength, Antenna, and Radio Resource Block Allocation for Massive MIMO Enabled Beamforming in a TWDM-PON Based Fronthaul. Journal of Lightwave Technology, 2019, 37, 1396-1407.	4.6	25
64	Priority-Aware Price-Based Power Control for Co-Located WBANs Using Stackelberg and Bayesian Games. Sensors, 2019, 19, 2664.	3.8	5
65	Design of All-Optical Modulation Format Converter From One 8PSK to Two QPSK Signals Based on Phase Sensitive Amplification in Elastic Optical Network. IEEE Access, 2019, 7, 51379-51385.	4.2	8
66	Reward Function Learning for Q-learning-Based Geographic Routing Protocol. IEEE Communications Letters, 2019, 23, 1236-1239.	4.1	17
67	Transmission Capacity Characterization in VANETs with Enhanced Distributed Channel Access. Electronics (Switzerland), 2019, 8, 340.	3.1	9
68	Integrated resource optimization with WDM-based fronthaul for multicast-service beam-forming in massive MIMO-enabled 5G networks. Photonic Network Communications, 2019, 37, 349-360.	2.7	12
69	All-optical signal processing technologies in flexible optical networks. Photonic Network Communications, 2019, 38, 14-36.	2.7	44
70	Order Aware Service Recovery Algorithm in Elastic Optical Network with Multiple Failures. , 2019, , .		3
71	Wireless Power-Driven Positioning System: Fundamental Analysis and Resource Allocation. IEEE Internet of Things Journal, 2019, 6, 10421-10430.	8.7	6
72	Experimental Study of Co-propagation and Co-switching of Quantum and Optical Signals. , 2019, , .		1

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73	Simultaneous All-Optical Channel Aggregation and De-Aggregation for 8QAM Signal in Elastic Optical Networking. IEEE Photonics Journal, 2019, 11, 1-8.	2.0	13
74	On-Chip Optical Vector Quadrature De-Multiplexer Proposal for QAM De-Aggregation by Single Bi-Directional SOA-Based Phase-Sensitive Amplifier. IEEE Access, 2019, 7, 763-772.	4.2	8
75	Adaptive resource allocation in FSO/RF multiuser system with proportional fairness for UAV application. Optical Switching and Networking, 2019, 33, 41-48.	2.0	5
76	Multiple Access With Polarity Division Sparse Code for Visible Light Communication. IEEE Photonics Journal, 2019, 11, 1-10.	2.0	2
77	FSCOI: A High Fan-Out, Scalable, and Cluster-Based Optical Interconnect for Data Center Networks. IEEE Communications Letters, 2019, 23, 266-269.	4.1	2
78	Efficient polling cycle adaptive passive optical network for low-latency 5G fronthaul. Optical Switching and Networking, 2019, 33, 122-130.	2.0	2
79	All-optical deaggregation from 8PSK to 3Ã—BPSK based on FWM in HNLF. Applied Optics, 2019, 58, 1246.	1.8	9
80	Experimental wavelength-space division multiplexing of quantum key distribution with classical optical communication over multicore fiber. Optics Express, 2019, 27, 5125.	3.4	24
81	Computer-visionâ€“based intelligent adaptive transmission for optical wireless communication. Optics Express, 2019, 27, 7979.	3.4	9
82	Noise-suppressing channel allocation in dynamic DWDM-QKD networks using LightGBM. Optics Express, 2019, 27, 31741.	3.4	11
83	Proactive Dynamic Network Slicing with Deep Learning Based Short-Term Traffic Prediction for 5G Transport Network. , 2019, , .		21
84	5G flexible optical transport networks with large-capacity, low-latency and high-efficiency. China Communications, 2019, 16, 19-32.	3.2	54
85	Simultaneous all-optical channel aggregation and de-aggregation based on nonlinear effects for OOK and MPSK formats in elastic optical networking. Optics Express, 2019, 27, 30158.	3.4	13
86	Priority-based capacity and power allocation in co-located WBANs using Stackelberg and bargaining games. Journal of Supercomputing, 2018, 74, 3114-3147.	3.6	6
87	Network slicing and efficient ONU migration for reliable communications in converged vehicular and fixed access network. Vehicular Communications, 2018, 11, 57-67.	4.0	21
88	QoS-based adaptive power control scheme for co-located WBANs: a cooperative bargaining game theoretic perspective. Wireless Networks, 2018, 24, 3129-3139.	3.0	10
89	Multi-bit wavelength coding phase-shift-keying optical steganography based on amplified spontaneous emission noise. Optics Communications, 2018, 407, 1-8.	2.1	16
90	Bandwidth Reservation for Tenants in Reconfigurable Optical OFDM Datacenter Networks. IEEE Photonics Journal, 2018, 10, 1-16.	2.0	5

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91	All-Optical Multi-Level Phase Quantization Based on Phase-Sensitive Amplification With Low-Order Harmonics. Journal of Lightwave Technology, 2018, 36, 5833-5840.	4.6	7
92	Towards converged, collaborative and co-automatic (3C) optical networks. Science China Information Sciences, 2018, 61, 1.	4.3	63
93	Network Topology Reconfiguration for FSO-Based Fronthaul/Backhaul in 5G+ Wireless Networks. IEEE Access, 2018, 6, 69426-69437.	4.2	40
94	Energy-Efficient Dynamic Lightpath Adjustment in a Decomposed AWGR-Based Passive WDM Fronthaul. Journal of Optical Communications and Networking, 2018, 10, 749.	4.8	16
95	Analytical Solution of Amplitude Ratio in Optical Phase Quantization Based on Phase Sensitive Amplification. Journal of Lightwave Technology, 2018, , 1-1.	4.6	4
96	Topology Optimization for FSO-Based Fronthaul/Backhaul in 5G+ Wireless Networks. , 2018, , .		8
97	Security-Enhanced Electro-Optic Feedback Phase Chaotic System Based on Nonlinear Coupling of Two Delayed Interfering Branches. IEEE Photonics Journal, 2018, 10, 1-15.	2.0	10
98	Joint Jobs Scheduling and Lightpath Provisioning in Fog Computing Micro Datacenter Networks. Journal of Optical Communications and Networking, 2018, 10, B152.	4.8	36
99	Reconfigurable Optical Network Intermediate Node With Full-Quadrature Regeneration and Format Conversion Capacity. Journal of Lightwave Technology, 2018, 36, 4691-4700.	4.6	10
100	Single-stage Phase-sensitive Amplifier Based Quadrature De-multiplexer for De-aggregating QAM Signals into In-phase and Quadrature Components. , 2018, , .		7
101	Integrated Optical-Wireless Resource Slicing Management for 5G Service-based Architecture and Multi-level RAN. , 2018, , .		5
102	All-optical simultaneous multichannel quadrature phase shift keying signal regeneration based on phase-sensitive amplification. Optical Engineering, 2018, 57, 1.	1.0	1
103	Collision analysis of CSMA/CA based MAC protocol for duty cycled WBANs. Wireless Networks, 2017, 23, 1429-1447.	3.0	9
104	All-optical simultaneous phase and amplitude regenerator based on a modified Machâ€“Zehnder interferometric phase sensitive amplifier. Optical Engineering, 2017, 56, 026101.	1.0	4
105	Hybrid services efficient provisioning over the network codingâ€“enabled elastic optical networks. Optical Engineering, 2017, 56, 036101.	1.0	7
106	Node-Position-Based Joint Relay Selection and Adaptive Power Control Scheme in Wireless Body Area Networks. Wireless Personal Communications, 2017, 96, 1519-1535.	2.7	12
107	Manycast routing, modulation level and spectrum assignment over elastic optical networks. Optical Fiber Technology, 2017, 36, 317-326.	2.7	18
108	Energy-efficient routing, modulation and spectrum allocation in elastic optical networks. Optical Fiber Technology, 2017, 36, 297-305.	2.7	24

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109	Modulation format independent blind polarization demultiplexing algorithms for elastic optical networks. Science China Information Sciences, 2017, 60, 1.	4.3	8
110	Ultracompact On-Chip Multiplexed Sensor Array Based on Dense Integration of Flexible 1-D Photonic Crystal Nanobeam Cavity With Large Free Spectral Range and High Q-Factor. IEEE Photonics Journal, 2017, 9, 1-12.	2.0	6
111	All-Optical Phase Quantization with High Accuracy Based on a Multiwave Interference Phase Sensitive Amplifier. IEEE Photonics Journal, 2017, 9, 1-8.	2.0	5
112	Reconfigurable Optical Mobile Fronthaul Networks for Coordinated Multipoint Transmission and Reception in 5G. Journal of Optical Communications and Networking, 2017, 9, 489.	4.8	49
113	Experimental demonstration of fronthaul flexibility for enhanced CoMP service in 5G radio and optical access networks. Optics Express, 2017, 25, 21247.	3.4	26
114	Optical modulation format conversion from one QPSK to one BPSK with information-integrity-employing phase-sensitive amplifier. Applied Optics, 2017, 56, 5307.	2.1	11
115	A Study on Coexistence Capability Evaluations of the Enhanced Channel Hopping Mechanism in WBANs. Sensors, 2017, 17, 151.	3.8	5
116	All Optical Format Conversion of 8-PSK to 4-PAM Signals Based on Phase Sensitive Amplification. , 2017, , .		4
117	Asymmetric Resources Assignment in Software Defined Optical Network. , 2017, , .		3
118	Phase and amplitude regeneration of a rectangular 8-QAM in a phase-sensitive amplifier with low-order harmonics. Applied Optics, 2017, 56, 506.	2.1	7
119	Coflow routing and spectrum assignment in optical orthogonal frequency division multiplexing data center networks. Optical Engineering, 2017, 56, 1.	1.0	0
120	Multi-layer service function chaining scheduling based on auxiliary graph in IP over optical network. , 2017, , .		1
121	Multi-domain service dispatching scheme based on SDON virtualized network. , 2017, , .		0
122	Energy Efficient Baseband Unit Aggregation in Cloud Radio and Optical Access Networks. Journal of Optical Communications and Networking, 2016, 8, 893.	4.8	30
123	Multimedia multicasting oriented resource allocation of C-RAN with optical fronthaul. , 2016, , .		1
124	Silicon on-chip side-coupled high-Q micro-cavities for the multiplexing of high sensitivity photonic crystal integrated sensors array. Optics Communications, 2016, 374, 1-7.	2.1	12
125	Prospects and research issues in multi-dimensional all optical networks. Science China Information Sciences, 2016, 59, 1.	4.3	44
126	Dual-Wavelength Conversion of 16QAM Signals Based on Four Wave Mixing in Semiconductor Optical Amplifier. , 2016, , .		2

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127	Nanoscale Strain Mapping in SIMOX 3-D Sculpted Silicon Waveguides Using Tip-Enhanced Raman Spectroscopy. IEEE Photonics Journal, 2016, 8, 1-12.	2.0	1
128	OpenFlow-based adaptive adjustment of optical path resources in dynamic optical networks. Optical Switching and Networking, 2016, 22, 105-116.	2.0	4
129	Efficient resource allocation for passive optical fronthaul-based coordinated multipoint transmission. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	2.4	4
130	Software defined multi-OLT passive optical network for flexible traffic allocation. , 2016, , .		2
131	Dual-layer efficiency enhancement for future passive optical network. Science China Information Sciences, 2016, 59, 1-13.	4.3	16
132	Resource Allocation Optimization for Time and Wavelength Division Multiplexing Passive Optical Network Enabled Mobile Fronthaul With Bitrate-Variable Compressed Common Public Radio Interface. Journal of Optical Communications and Networking, 2016, 8, 417.	4.8	14
133	Optical data exchange of differential quadrature phase-shift keying based on four-wave mixing using a semiconductor optical amplifier. Optical Engineering, 2016, 55, 026110.	1.0	2
134	Stackelberg Game Based Incentive Mechanisms for Multiple Collaborative Tasks in Mobile Crowdsourcing. Mobile Networks and Applications, 2016, 21, 506-522.	3.3	26
135	Ring-like reliable PON planning with physical constraints for a smart grid. Optical Fiber Technology, 2016, 27, 24-34.	2.7	7
136	Efficient software-defined passive optical network with network coding. Photonic Network Communications, 2016, 31, 239-250.	2.7	9
137	Experimental demonstration of remote unified control for OpenFlow-based software-defined optical access networks. Photonic Network Communications, 2016, 31, 568-577.	2.7	15
138	Demonstration of Compact Flow-Switching Accelerator for Virtual Machines Communication in PON Enable Data Center Network. , 2016, , .		0
139	QoTâ€aware adaptive adjustment of optical path transmission performance in softwareâ€defined optical network. Electronics Letters, 2015, 51, 1184-1185.	1.0	6
140	Efficient traffic grooming with dynamic ONU grouping for multiple-OLT-based access network. Optical Fiber Technology, 2015, 26, 220-228.	2.7	7
141	Physical-aware long reach PON planning. Telecommunication Systems, 2015, 60, 367-379.	2.5	3
142	Radius vertical graded nanoscale interlaced-coupled photonic crystal sensors array. Optics Communications, 2015, 355, 331-336.	2.1	16
143	Multi-directional ultra-high sensitive pressure sensor based on the integration of optimized double 60Â° bend waveguides and modified center-defect photonic crystal microcavity. Photonics and Nanostructures - Fundamentals and Applications, 2015, 15, 116-123.	2.0	1
144	Energy-Efficient Traffic Grooming in Sliceable-Transponder-Equipped IP-Over-Elastic Optical Networks [Invited]. Journal of Optical Communications and Networking, 2015, 7, A142.	4.8	92

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145	Time-Spectrum Consecutiveness Based Scheduling With Advance Reservation in Elastic Optical Networks. IEEE Communications Letters, 2015, 19, 70-73.	4.1	39
146	Dynamic Traffic Grooming in Sliceable Bandwidth-Variable Transponder-Enabled Elastic Optical Networks. Journal of Lightwave Technology, 2015, 33, 183-191.	4.6	82
147	Baseband unit cloud interconnection enabled by flexible grid optical networks with software defined elasticity. IEEE Communications Magazine, 2015, 53, 90-98.	6.1	651
148	Performance evaluation of multi-stratum resources integrated resilience for software defined inter-data center interconnect. Optics Express, 2015, 23, 13384.	3.4	46
149	CSO: cross stratum optimization for optical as a service. , 2015, 53, 130-139.		103
150	Label-free optical sensor by designing a high-Q photonic crystal ringâ€“slot structure. Optics Communications, 2015, 335, 73-77.	2.1	87
151	Design Low Crosstalk Ring-Slot Array Structure for Label-Free Multiplexed Sensing. Sensors, 2014, 14, 15658-15668.	3.8	27
152	Refractive index sensing utilizing parallel tapered nano-slotted photonic crystal nano-beam cavities. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 1746.	2.1	31
153	Low-loss, efficient, wide-angle 1â€‰â€‰Ã—â€‰â€‰4 power splitter at âˆ¼155â€‰â€‰Î¼m wavelengths for four play application with a monolithic photonic crystal slab. Applied Optics, 2014, 53, 8012.	2.1	6
154	Performance evaluation of time-aware enhanced software defined networking (TeSDN) for elastic data center optical interconnection. Optics Express, 2014, 22, 17630.	3.4	37
155	Simultaneous multichannel wavelength multicasting and XOR logic gate multicasting for three DPSK signals based on four-wave mixing in quantum-dot semiconductor optical amplifier. Optics Express, 2014, 22, 29413.	3.4	26
156	Nanoscale Low Crosstalk Photonic Crystal Integrated Sensor Array. IEEE Photonics Journal, 2014, 6, 1-7.	2.0	26
157	An active queue management adaptation framework for software defined optical network. , 2014, , .		0
158	A dynamic bandwidth planning algorithm based on ODUflex. , 2014, , .		0
159	Integration of high transmittance photonic crystal H2 nanocavity and broadband W1 waveguide for biosensing applications based on Silicon-on-Insulator substrate. Optics Communications, 2014, 330, 175-183.	2.1	31
160	All Optical Switching Networks With Energy-Efficient Technologies From Components Level to Network Level. IEEE Journal on Selected Areas in Communications, 2014, 32, 1600-1614.	14.0	24
161	Multi-stratum resources resilience in software defined data center interconnection based on IP over elastic optical networks. Photonic Network Communications, 2014, 28, 58-70.	2.7	4
162	Optimization of figure of merit in label-free biochemical sensors by designing a ring defect coupled resonator. Optics Communications, 2014, 332, 42-49.	2.1	43

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163	Network coding based joint signaling and dynamic bandwidth allocation scheme for inter optical network unit communication in passive optical networks. Optical Fiber Technology, 2014, 20, 280-293.	2.7	5
164	Ultra-broadband and ultra-low-loss photonic crystal with band-flatness waveguide 60Â° bend obtained based on lattice-shifted optimization. Optics Communications, 2014, 322, 227-233.	2.1	10
165	Ultra-compact low-voltage and slow-light MZI electro-optic modulator based on monolithically integrated photonic crystal. Optics Communications, 2014, 315, 138-146.	2.1	1
166	Nanomechanical three dimensional force photonic crystal sensor using shoulder-coupled resonant cavity with an inserted pillar. Sensors and Actuators A: Physical, 2014, 209, 33-40.	4.1	20
167	All-optical OFDM network coding scheme for all-optical virtual private communication in PON. Optical Fiber Technology, 2014, 20, 61-67.	2.7	9
168	Cross stratum resilience for OpenFlow-enabled data center interconnection with Flexi-Grid optical networks. Optical Switching and Networking, 2014, 11, 72-82.	2.0	17
169	Software defined flexible and efficient passive optical networks for intra-datacenter communications. Optical Switching and Networking, 2014, 14, 289-302.	2.0	18
170	Nanoscale radius-graded photonic crystal sensor arrays using interlaced and symmetrical resonant cavities for biosensing. Sensors and Actuators A: Physical, 2014, 216, 223-230.	4.1	18
171	Ultracompact ring resonator microwave photonic filters based on photonic crystal waveguides. Applied Optics, 2013, 52, 1218.	1.8	9
172	A new asymmetric spectrum assignment method to improve spectrum efficiency for spectrum-sliced optical network. Optical Fiber Technology, 2013, 19, 565-573.	2.7	2
173	Novel Modulation Scheme Based on Asymmetrically Clipped Optical Orthogonal Frequency Division Multiplexing for Next-Generation Passive Optical Networks. Journal of Optical Communications and Networking, 2013, 5, 881.	4.8	11
174	Demonstration of QoS-aware wireless protection scheme for video service in fiber-wireless access network. Optik, 2013, 124, 1827-1831.	2.9	7
175	Design of ultra compact all-optical XOR, XNOR, NAND and OR gates using photonic crystal multi-mode interference waveguides. Optics and Laser Technology, 2013, 50, 55-64.	4.6	127
176	Photonic crystal stress sensor with high sensitivity in double directions based on shoulder-coupled aslant nanocavity. Sensors and Actuators A: Physical, 2013, 193, 149-154.	4.1	35
177	Nanoscale torsion-free photonic crystal pressure sensor with ultra-high sensitivity based on side-coupled piston-type microcavity. Sensors and Actuators A: Physical, 2013, 199, 30-36.	4.1	36
178	DREAM: dual routing engine architecture in multilayer and multidomain optical networks. , 2013, 51, 118-127.		9
179	Design of simultaneous high-Q and high-sensitivity photonic crystal refractive index sensors. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 2027.	2.1	49
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