

Yuefeng Ji

List of Publications by Year in descending order

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232
papers

4,078
citations

159585

30
h-index

175258

52
g-index

234
all docs

234
docs citations

234
times ranked

3091
citing authors

#	ARTICLE	IF	CITATIONS
1	Baseband unit cloud interconnection enabled by flexible grid optical networks with software defined elasticity. IEEE Communications Magazine, 2015, 53, 90-98.	6.1	651
2	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
3	CSO: cross stratum optimization for optical as a service. , 2015, 53, 130-139.		103
4	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
5	Nanoscale photonic crystal sensor arrays on monolithic substrates using side-coupled resonant cavity arrays. Optics Express, 2011, 19, 20023.	3.4	91
6	Label-free optical sensor by designing a high-Q photonic crystal ringâ€‘slot structure. Optics Communications, 2015, 335, 73-77.	2.1	87
7	Dynamic Traffic Grooming in Sliceable Bandwidth-Variable Transponder-Enabled Elastic Optical Networks. Journal of Lightwave Technology, 2015, 33, 183-191.	4.6	82
8	Machine learning for intelligent optical networks: A comprehensive survey. Journal of Network and Computer Applications, 2020, 157, 102576.	9.1	80
9	Slow Light Property Improvement and Optical Buffer Capability in Ring-Shape-Hole Photonic Crystal Waveguide. Journal of Lightwave Technology, 2011, 29, 3083-3090.	4.6	64
10	Towards converged, collaborative and co-automatic (3C) optical networks. Science China Information Sciences, 2018, 61, 1.	4.3	63
11	5G flexible optical transport networks with large-capacity, low-latency and high-efficiency. China Communications, 2019, 16, 19-32.	3.2	54
12	Frequency Estimation for Optical Coherent MPSK System Without Removing Modulated Data Phase. IEEE Photonics Technology Letters, 2010, 22, 691-693.	2.5	50
13	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
14	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
15	Performance evaluation of multi-stratum resources integrated resilience for software defined inter-data center interconnect. Optics Express, 2015, 23, 13384.	3.4	46
16	Prospects and research issues in multi-dimensional all optical networks. Science China Information Sciences, 2016, 59, 1.	4.3	44
17	All-optical signal processing technologies in flexible optical networks. Photonic Network Communications, 2019, 38, 14-36.	2.7	44
18	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

#	ARTICLE	IF	CITATIONS
19	Network Topology Reconfiguration for FSO-Based Fronthaul/Backhaul in 5G+ Wireless Networks. IEEE Access, 2018, 6, 69426-69437.	4.2	40
20	Time-Spectrum Consecutiveness Based Scheduling With Advance Reservation in Elastic Optical Networks. IEEE Communications Letters, 2015, 19, 70-73.	4.1	39
21	Performance evaluation of time-aware enhanced software defined networking (TeSDN) for elastic data center optical interconnection. Optics Express, 2014, 22, 17630.	3.4	37
22	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
23	Joint Jobs Scheduling and Lightpath Provisioning in Fog Computing Micro Datacenter Networks. Journal of Optical Communications and Networking, 2018, 10, B152.	4.8	36
24	Artificial intelligence-driven autonomous optical networks: 3S architecture and key technologies. Science China Information Sciences, 2020, 63, 1.	4.3	36
25	Isolation-Aware 5G RAN Slice Mapping Over WDM Metro-Aggregation Networks. Journal of Lightwave Technology, 2020, 38, 1125-1137.	4.6	36
26	High-bandwidth and low-loss photonic crystal power-splitter with parallel output based on the integration of Y-junction and waveguide bends. Optics Communications, 2012, 285, 3752-3757.	2.1	35
27	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
28	Real-time monitoring of hydrogel phase transition in an ultrahigh Q microbubble resonator. Photonics Research, 2020, 8, 497.	7.0	34
29	Multi-stratum Resource Integration for OpenFlow-Based Data Center Interconnect [Invited]. Journal of Optical Communications and Networking, 2013, 5, A240.	4.8	32
30	A multi-granularity evolution based Quantum Genetic Algorithm for QoS multicast routing problem in WDM networks. Computer Communications, 2009, 32, 386-393.	5.1	31
31	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
32	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
33	Adaptive UAV-Assisted Geographic Routing With Q-Learning in VANET. IEEE Communications Letters, 2021, 25, 1358-1362.	4.1	31
34	Experimental demonstration of elastic optical networks based on enhanced software defined networking (eSDN) for data center application. Optics Express, 2013, 21, 26990.	3.4	30
35	Energy Efficient Baseband Unit Aggregation in Cloud Radio and Optical Access Networks. Journal of Optical Communications and Networking, 2016, 8, 893.	4.8	30
36	A Simplified Feedforward Carrier Recovery Algorithm for Coherent Optical QAM System. Journal of Lightwave Technology, 2011, 29, 801-807.	4.6	29

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37	Design Low Crosstalk Ring-Slot Array Structure for Label-Free Multiplexed Sensing. <i>Sensors</i> , 2014, 14, 15658-15668.	3.8	27
38	Simultaneous multichannel wavelength multicasting and XOR logic gate multicasting for three DPSK signals based on four-wave mixing in quantum-dot semiconductor optical amplifier. <i>Optics Express</i> , 2014, 22, 29413.	3.4	26
39	Nanoscale Low Crosstalk Photonic Crystal Integrated Sensor Array. <i>IEEE Photonics Journal</i> , 2014, 6, 1-7.	2.0	26
40	Stackelberg Game Based Incentive Mechanisms for Multiple Collaborative Tasks in Mobile Crowdsourcing. <i>Mobile Networks and Applications</i> , 2016, 21, 506-522.	3.3	26
41	Experimental demonstration of fronthaul flexibility for enhanced CoMP service in 5G radio and optical access networks. <i>Optics Express</i> , 2017, 25, 21247.	3.4	26
42	Can Fine-Grained Functional Split Benefit to the Converged Optical-Wireless Access Networks in 5G and Beyond?. <i>IEEE Transactions on Network and Service Management</i> , 2020, 17, 1774-1787.	4.9	26
43	First Demonstration of enhanced Software Defined Networking (eSDN) over elastic Grid (eGrid) Optical Networks for Data Center Service Migration. , 2013, , .		26
44	Reduction of the fiber nonlinearity impairment using optical phase conjugation in 40Gb/s CO-OFDM systems. <i>Optics Communications</i> , 2010, 283, 2749-2753.	2.1	25
45	Joint Wavelength, Antenna, and Radio Resource Block Allocation for Massive MIMO Enabled Beamforming in a TWDM-PON Based Fronthaul. <i>Journal of Lightwave Technology</i> , 2019, 37, 1396-1407.	4.6	25
46	All Optical Switching Networks With Energy-Efficient Technologies From Components Level to Network Level. <i>IEEE Journal on Selected Areas in Communications</i> , 2014, 32, 1600-1614.	14.0	24
47	Energy-efficient routing, modulation and spectrum allocation in elastic optical networks. <i>Optical Fiber Technology</i> , 2017, 36, 297-305.	2.7	24
48	Experimental wavelength-space division multiplexing of quantum key distribution with classical optical communication over multicore fiber. <i>Optics Express</i> , 2019, 27, 5125.	3.4	24
49	Key space enhancement of a chaos secure communication based on VCSELs with a common phase-modulated electro-optic feedback. <i>Optics Express</i> , 2020, 28, 23961.	3.4	24
50	The properties of lattice-shifted microcavity in photonic crystal slab and its applications for electro-optical sensor. <i>Sensors and Actuators A: Physical</i> , 2011, 171, 146-151.	4.1	22
51	Low-Latency Oriented Network Planning for MEC-Enabled WDM-PON Based Fiber-Wireless Access Networks. <i>IEEE Access</i> , 2019, 7, 183383-183395.	4.2	22
52	ANN-Based Multi-Channel QoT-Prediction Over a 563.4-km Field-Trial Testbed. <i>Journal of Lightwave Technology</i> , 2020, 38, 2646-2655.	4.6	22
53	Network slicing and efficient ONU migration for reliable communications in converged vehicular and fixed access network. <i>Vehicular Communications</i> , 2018, 11, 57-67.	4.0	21
54	Joint Optimization of Latency and Deployment Cost Over TDM-PON Based MEC-Enabled Cloud Radio Access Networks. <i>IEEE Access</i> , 2020, 8, 681-696.	4.2	21

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55	Phase-sensitive amplifier-based optical conversion for direct detection of complex modulation format to bridge long-haul transmissions and short-reach interconnects. <i>Optics Express</i> , 2020, 28, 2349.	3.4	21
56	Proactive Dynamic Network Slicing with Deep Learning Based Short-Term Traffic Prediction for 5G Transport Network. , 2019, , .		21
57	Nanomechanical three dimensional force photonic crystal sensor using shoulder-coupled resonant cavity with an inserted pillar. <i>Sensors and Actuators A: Physical</i> , 2014, 209, 33-40.	4.1	20
58	An adaptive-evolution-based quantum-inspired evolutionary algorithm for QoS multicasting in IP/DWDM networks. <i>Computer Communications</i> , 2009, 32, 1086-1094.	5.1	18
59	Software defined flexible and efficient passive optical networks for intra-datacenter communications. <i>Optical Switching and Networking</i> , 2014, 14, 289-302.	2.0	18
60	Nanoscale radius-graded photonic crystal sensor arrays using interlaced and symmetrical resonant cavities for biosensing. <i>Sensors and Actuators A: Physical</i> , 2014, 216, 223-230.	4.1	18
61	Manycast routing, modulation level and spectrum assignment over elastic optical networks. <i>Optical Fiber Technology</i> , 2017, 36, 317-326.	2.7	18
62	Deep neural network method for channel estimation in visible light communication. <i>Optics Communications</i> , 2020, 462, 125272.	2.1	18
63	Cross stratum resilience for OpenFlow-enabled data center interconnection with Flexi-Grid optical networks. <i>Optical Switching and Networking</i> , 2014, 11, 72-82.	2.0	17
64	Reward Function Learning for Q-learning-Based Geographic Routing Protocol. <i>IEEE Communications Letters</i> , 2019, 23, 1236-1239.	4.1	17
65	Packaged Microbubble Resonator for Versatile Optical Sensing. <i>Journal of Lightwave Technology</i> , 2020, 38, 4555-4559.	4.6	17
66	Multi-resonance and ultra-wideband terahertz metasurface absorber based on micro-template-assisted self-assembly method. <i>Optics Express</i> , 2020, 28, 2547.	3.4	17
67	Radius vertical graded nanoscale interlaced-coupled photonic crystal sensors array. <i>Optics Communications</i> , 2015, 355, 331-336.	2.1	16
68	Dual-layer efficiency enhancement for future passive optical network. <i>Science China Information Sciences</i> , 2016, 59, 1-13.	4.3	16
69	Multi-bit wavelength coding phase-shift-keying optical steganography based on amplified spontaneous emission noise. <i>Optics Communications</i> , 2018, 407, 1-8.	2.1	16
70	Energy-Efficient Dynamic Lightpath Adjustment in a Decomposed AWGR-Based Passive WDM Fronthaul. <i>Journal of Optical Communications and Networking</i> , 2018, 10, 749.	4.8	16
71	Learning-Based Cognitive Hitless Spectrum Defragmentation for Dynamic Provisioning in Elastic Optical Networks. <i>IEEE Communications Letters</i> , 2021, 25, 1600-1604.	4.1	16
72	Energy-Efficient DU-CU Deployment and Lightpath Provisioning for Service-Oriented 5G Metro Access/Aggregation Networks. <i>Journal of Lightwave Technology</i> , 2021, 39, 5347-5361.	4.6	16

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73	Experimental demonstration of remote unified control for OpenFlow-based software-defined optical access networks. <i>Photonic Network Communications</i> , 2016, 31, 568-577.	2.7	15
74	Time-delay signature concealing electro-optic chaotic system with multiply feedback nonlinear loops. <i>Optics Express</i> , 2021, 29, 706.	3.4	15
75	Service-oriented DU-CU Placement Using Reinforcement Learning in 5G/B5G Converged Wireless-Optical Networks. , 2020, , .		15
76	Resource Allocation Optimization for Time and Wavelength Division Multiplexing Passive Optical Network Enabled Mobile Fronthaul With Bitrate-Variable Compressed Common Public Radio Interface. <i>Journal of Optical Communications and Networking</i> , 2016, 8, 417.	4.8	14
77	Intercore spontaneous Raman scattering impact on quantum key distribution in multicore fiber. <i>New Journal of Physics</i> , 2020, 22, 083020.	2.9	14
78	Three-loop electro-optical phase chaotic secure communication system with time-delay signatures concealment and key space enhancement. <i>Optics Communications</i> , 2022, 512, 128065.	2.1	14
79	Analysis and experimentation of key technologies in service-oriented optical internet. <i>Science China Information Sciences</i> , 2011, 54, 215-226.	4.3	13
80	Simultaneous All-Optical Channel Aggregation and De-Aggregation for 8QAM Signal in Elastic Optical Networking. <i>IEEE Photonics Journal</i> , 2019, 11, 1-8.	2.0	13
81	2D-to-1D constellation reforming using phase-sensitive amplifier-based constellation squeezing and shifting. <i>Optics Express</i> , 2021, 29, 3724.	3.4	13
82	Deep Reinforcement Learning-Based Policy for Baseband Function Placement and Routing of RAN in 5G and Beyond. <i>Journal of Lightwave Technology</i> , 2022, 40, 470-480.	4.6	13
83	Electro-optic chaos system with time delay signature concealment based on XOR operation and multi-bit PRBS. <i>Optics Express</i> , 2021, 29, 7327.	3.4	13
84	Simultaneous Long-Distance Transmission of Discrete-Variable Quantum Key Distribution and Classical Optical Communication. <i>IEEE Transactions on Communications</i> , 2021, 69, 3222-3234.	7.8	13
85	Simultaneous all-optical channel aggregation and de-aggregation based on nonlinear effects for OOK and MPSK formats in elastic optical networking. <i>Optics Express</i> , 2019, 27, 30158.	3.4	13
86	Serial Multicast Mode in All-Optical Networks. <i>IEEE Photonics Technology Letters</i> , 2006, 18, 2416-2418.	2.5	12
87	Group index and dispersion properties of photonic crystal waveguides with circular and square air-holes. <i>Optics Communications</i> , 2010, 283, 1768-1772.	2.1	12
88	Modified frequency and phase estimation for M-QAM optical coherent detection. , 2010, , .		12
89	Silicon on-chip side-coupled high-Q micro-cavities for the multiplexing of high sensitivity photonic crystal integrated sensors array. <i>Optics Communications</i> , 2016, 374, 1-7.	2.1	12
90	Node-Position-Based Joint Relay Selection and Adaptive Power Control Scheme in Wireless Body Area Networks. <i>Wireless Personal Communications</i> , 2017, 96, 1519-1535.	2.7	12

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91	Integrated resource optimization with WDM-based fronthaul for multicast-service beam-forming in massive MIMO-enabled 5G networks. <i>Photonic Network Communications</i> , 2019, 37, 349-360.	2.7	12
92	Optimizing Networked Flying Platform Deployment and Access Point Association in FSO-Based Fronthaul Networks. <i>IEEE Wireless Communications Letters</i> , 2020, 9, 1221-1225.	5.0	12
93	Random Energy Beamforming for Magnetic MIMO Wireless Power Transfer System. <i>IEEE Internet of Things Journal</i> , 2020, 7, 1773-1787.	8.7	12
94	DU/CU Placement for C-RAN over Optical Metro-Aggregation Networks. <i>Lecture Notes in Computer Science</i> , 2020, , 82-93.	1.3	12
95	Low Latency DWBA Scheme for Mini-Slot Based 5G new Radio in a Fixed and Mobile Converged TWDM-PON. <i>Journal of Lightwave Technology</i> , 2022, 40, 3-13.	4.6	12
96	All-optical quantization and coding scheme for ultrafast analog-to-digital conversion exploiting polarization switches based on nonlinear polarization rotation in semiconductor optical amplifiers. <i>Optics Communications</i> , 2012, 285, 3877-3885.	2.1	11
97	Novel Modulation Scheme Based on Asymmetrically Clipped Optical Orthogonal Frequency Division Multiplexing for Next-Generation Passive Optical Networks. <i>Journal of Optical Communications and Networking</i> , 2013, 5, 881.	4.8	11
98	Optical modulation format conversion from one QPSK to one BPSK with information-integrity-employing phase-sensitive amplifier. <i>Applied Optics</i> , 2017, 56, 5307.	2.1	11
99	QPSK Signal Regeneration Based on Vector Phase Sensitive Amplification With Low Pump Powers. <i>IEEE Access</i> , 2019, 7, 63936-63943.	4.2	11
100	Noise-suppressing channel allocation in dynamic DWDM-QKD networks using LightGBM. <i>Optics Express</i> , 2019, 27, 31741.	3.4	11
101	The study of electro-optical sensor based on slotted photonic crystal waveguide. <i>Optics Communications</i> , 2011, 284, 4986-4990.	2.1	10
102	Ultra-broadband and ultra-low-loss photonic crystal with band-flatness waveguide 60° bend obtained based on lattice-shifted optimization. <i>Optics Communications</i> , 2014, 322, 227-233.	2.1	10
103	QoS-based adaptive power control scheme for co-located WBANs: a cooperative bargaining game theoretic perspective. <i>Wireless Networks</i> , 2018, 24, 3129-3139.	3.0	10
104	Security-Enhanced Electro-Optic Feedback Phase Chaotic System Based on Nonlinear Coupling of Two Delayed Interfering Branches. <i>IEEE Photonics Journal</i> , 2018, 10, 1-15.	2.0	10
105	Reconfigurable Optical Network Intermediate Node With Full-Quadrature Regeneration and Format Conversion Capacity. <i>Journal of Lightwave Technology</i> , 2018, 36, 4691-4700.	4.6	10
106	All-optical aggregation and de-aggregation between 3-BPSK and 8QAM in HNLF with wavelength preserved. <i>Applied Optics</i> , 2020, 59, 1092.	1.8	10
107	Ultracompact ring resonator microwave photonic filters based on photonic crystal waveguides. <i>Applied Optics</i> , 2013, 52, 1218.	1.8	9
108	DREAM: dual routing engine architecture in multilayer and multidomain optical networks. , 2013, 51, 118-127.		9

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109	All-optical OFDM network coding scheme for all-optical virtual private communication in PON. <i>Optical Fiber Technology</i> , 2014, 20, 61-67.	2.7	9
110	Efficient software-defined passive optical network with network coding. <i>Photonic Network Communications</i> , 2016, 31, 239-250.	2.7	9
111	Collision analysis of CSMA/CA based MAC protocol for duty cycled WBANs. <i>Wireless Networks</i> , 2017, 23, 1429-1447.	3.0	9
112	Transmission Capacity Characterization in VANETs with Enhanced Distributed Channel Access. <i>Electronics (Switzerland)</i> , 2019, 8, 340.	3.1	9
113	Key-Size-Driven Wavelength Resource Sharing Scheme for QKD and the Time-Varying Data Services. <i>Journal of Lightwave Technology</i> , 2021, 39, 2661-2672.	4.6	9
114	All-optical deaggregation from 8PSK to 3A-BPSK based on FWM in HNLF. <i>Applied Optics</i> , 2019, 58, 1246.	1.8	9
115	Computer-vision-based intelligent adaptive transmission for optical wireless communication. <i>Optics Express</i> , 2019, 27, 7979.	3.4	9
116	Dynamic 5G RAN slice adjustment and migration based on traffic prediction in WDM metro-aggregation networks. <i>Journal of Optical Communications and Networking</i> , 2020, 12, 403.	4.8	9
117	Experimental demonstration of all-optical aggregation and de-aggregation for a QPSK signal in an elastic optical network. <i>Optics Express</i> , 2022, 30, 6456.	3.4	9
118	Optical chaos generation and synchronization in secure communication with electro-optic coupling mutual injection. <i>Optics Communications</i> , 2022, 521, 128565.	2.1	9
119	Hybrid Multicast Mode in All-Optical Networks. <i>IEEE Photonics Technology Letters</i> , 2007, 19, 1212-1214.	2.5	8
120	Modulation format independent blind polarization demultiplexing algorithms for elastic optical networks. <i>Science China Information Sciences</i> , 2017, 60, 1.	4.3	8
121	Topology Optimization for FSO-Based Fronthaul/Backhaul in 5G+ Wireless Networks. , 2018, , .		8
122	Design of All-Optical Modulation Format Converter From One 8PSK to Two QPSK Signals Based on Phase Sensitive Amplification in Elastic Optical Network. <i>IEEE Access</i> , 2019, 7, 51379-51385.	4.2	8
123	On-Chip Optical Vector Quadrature De-Multiplexer Proposal for QAM De-Aggregation by Single Bi-Directional SOA-Based Phase-Sensitive Amplifier. <i>IEEE Access</i> , 2019, 7, 763-772.	4.2	8
124	Topology Optimizing in FSO-based UAVs Relay Networks for Resilience Enhancement. <i>Mobile Networks and Applications</i> , 2020, 25, 350-362.	3.3	8
125	Wideband complex-enhanced bidirectional phase chaotic secure communication with time-delay signature concealment. <i>Chaos</i> , 2020, 30, 093138.	2.5	8
126	Hierarchical MEC Servers Deployment and User-MEC Server Association in C-RANs over WDM Ring Networks. <i>Sensors</i> , 2020, 20, 1282.	3.8	8

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127	All-Optical Aggregation and De-Aggregation of 4Å—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
128	Impact of Classical Modulation Signals on Quantum Key Distribution Over Multicore Fiber. Journal of Lightwave Technology, 2021, 39, 4341-4350.	4.6	8
129	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
130	Demonstration of QoS-aware wireless protection scheme for video service in fiber-wireless access network. Optik, 2013, 124, 1827-1831.	2.9	7
131	Efficient traffic grooming with dynamic ONU grouping for multiple-OLT-based access network. Optical Fiber Technology, 2015, 26, 220-228.	2.7	7
132	Ring-like reliable PON planning with physical constraints for a smart grid. Optical Fiber Technology, 2016, 27, 24-34.	2.7	7
133	Hybrid services efficient provisioning over the network coding-enabled elastic optical networks. Optical Engineering, 2017, 56, 036101.	1.0	7
134	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
135	Ultra-Low Index-Contrast Polymeric Photonic Crystal Nanobeam Electro-Optic Modulator. IEEE Photonics Journal, 2020, 12, 1-8.	2.0	7
136	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
137	Single-stage Phase-sensitive Amplifier Based Quadrature De-multiplexer for De-aggregating QAM Signals into In-phase and Quadrature Components. , 2018, , .		7
138	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
139	Dynamic bandwidth allocation algorithm for next-generation time division multiplexing passive optical networks with network coding. Optical Engineering, 2013, 52, 086108.	1.0	6
140	Low-loss, efficient, wide-angle 1â€‰%â€‰%Ã—â€‰%â€‰%4 power splitter at $\lambda=155$ â€‰%â€‰%l4m wavelengths for four play application with a monolithic photonic crystal slab. Applied Optics, 2014, 53, 8012.	2.1	6
141	QoTâ€‰%aware adaptive adjustment of optical path transmission performance in softwareâ€‰%defined optical network. Electronics Letters, 2015, 51, 1184-1185.	1.0	6
142	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
143	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
144	Multi-channel phase regeneration of QPSK signals based on phase sensitive amplification. Frontiers of Optoelectronics, 2019, 12, 24-30.	3.7	6

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145	Wireless Power-Driven Positioning System: Fundamental Analysis and Resource Allocation. IEEE Internet of Things Journal, 2019, 6, 10421-10430.	8.7	6
146	Universal Hash Based Built-In Secure Transport in FlexE Over WDM Networks. Journal of Lightwave Technology, 2021, 39, 5680-5690.	4.6	6
147	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
148	DREAMSCAPE: Dual routing engine architecture in multi-layer/multi-domain scalable constraint-aware policy-enabled optical networks. , 2009, , .		5
149	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
150	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
151	A Study on Coexistence Capability Evaluations of the Enhanced Channel Hopping Mechanism in WBANs. Sensors, 2017, 17, 151.	3.8	5
152	Bandwidth Reservation for Tenants in Reconfigurable Optical OFDM Datacenter Networks. IEEE Photonics Journal, 2018, 10, 1-16.	2.0	5
153	Priority-Aware Price-Based Power Control for Co-Located WBANs Using Stackelberg and Bayesian Games. Sensors, 2019, 19, 2664.	3.8	5
154	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
155	Cooperative Offloading in D2D-Enabled Three-Tier MEC Networks for IoT. Wireless Communications and Mobile Computing, 2021, 2021, 1-13.	1.2	5
156	Integrated Optical-Wireless Resource Slicing Management for 5G Service-based Architecture and Multi-level RAN. , 2018, , .		5
157	Flexible Optical Network Enabled Hybrid Recovery for Edge Network with Reinforcement Learning. , 2020, , .		5
158	Flexible Optical Network Enabled Proactive Cross-layer Restructuring for 5G/B5G Backhaul Network with Machine Learning Engine. , 2020, , .		5
159	Impact of Modulation Formats and Bandwidth on Quantum Secured 5G Optical Fronthaul over Multicore Fiber. , 2020, , .		5
160	A Quantum-Inspired Evolutionary Algorithm for Coding Resource Optimization based Network Coding Multicasting. , 2008, , .		4
161	Soliton propagation optimization and dynamic modulation in photonic crystal waveguide with polystyrene background. Optics Communications, 2012, 285, 171-177.	2.1	4
162	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

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163	OpenFlow-based adaptive adjustment of optical path resources in dynamic optical networks. Optical Switching and Networking, 2016, 22, 105-116.	2.0	4
164	Efficient resource allocation for passive optical fronthaul-based coordinated multipoint transmission. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	2.4	4
165	All-optical simultaneous phase and amplitude regenerator based on a modified Mach-Zehnder interferometric phase sensitive amplifier. Optical Engineering, 2017, 56, 026101.	1.0	4
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