Keping Long

List of Publications by Year
in descending order

175 papers	5,342 citations	126858 33 h-index	88593 70 g-index
177 all docs	177 docs citations	177 times ranked	5368 citing authors

#	ARTICLE	IF	CITATIONS
1	Network Slicing Based 5G and Future Mobile Networks: Mobility, Resource Management, and Challenges. IEEE Communications Magazine, 2017, 55, 138-145.	4.9	622
2	Full-Duplex Wireless Communications: Challenges, Solutions, and Future Research Directions. Proceedings of the IEEE, 2016, 104, 1369-1409.	16.4	443
3	Cognitive Internet of Things: A New Paradigm Beyond Connection. IEEE Internet of Things Journal, 2014, 1, 129-143.	5.5	434
4	Energy Efficient User Association and Power Allocation in Millimeter-Wave-Based Ultra Dense Networks With Energy Harvesting Base Stations. IEEE Journal on Selected Areas in Communications, 2017, 35, 1936-1947.	9.7	350
5	On Swarm Intelligence Inspired Self-Organized Networking: Its Bionic Mechanisms, Designing Principles and Optimization Approaches. IEEE Communications Surveys and Tutorials, 2014, 16, 513-537.	24.8	202
6	Self-organization paradigms and optimization approaches for cognitive radio technologies: a survey. IEEE Wireless Communications, 2013, 20, 36-42.	6.6	158
7	Energy-Efficient Resource Allocation in NOMA Heterogeneous Networks. IEEE Wireless Communications, 2018, 25, 48-53.	6.6	130
8	Fog Radio Access Networks: Mobility Management, Interference Mitigation, and Resource Optimization. IEEE Wireless Communications, 2017, 24, 120-127.	6.6	122
9	Secure Communications in NOMA System: Subcarrier Assignment and Power Allocation. IEEE Journal on Selected Areas in Communications, 2018, 36, 1441-1452.	9.7	111
10	Energy Efficient User Clustering, Hybrid Precoding and Power Optimization in Terahertz MIMO-NOMA Systems. IEEE Journal on Selected Areas in Communications, 2020, 38, 2074-2085.	9.7	104
11	Energy Efficient Dynamic Resource Optimization in NOMA System. IEEE Transactions on Wireless Communications, 2018, 17, 5671-5683.	6.1	102
12	Power Control Based on Deep Reinforcement Learning for Spectrum Sharing. IEEE Transactions on Wireless Communications, 2020, 19, 4209-4219.	6.1	97
13	Partial Relay Selection With Fixed-Gain Relays and Outdated CSI in Underlay Cognitive Networks. IEEE Transactions on Vehicular Technology, 2013, 62, 4696-4701.	3.9	91
14	Energy Efficient Resource Management in SWIPT Enabled Heterogeneous Networks With NOMA. IEEE Transactions on Wireless Communications, 2020, 19, 835-845.	6.1	89
15	Resource Allocation in NOMA-Based Fog Radio Access Networks. IEEE Wireless Communications, 2018, 25, 110-115.	6.6	86
16	On a Mathematical Model for Low-Rate Shrew DDoS. IEEE Transactions on Information Forensics and Security, 2014, 9, 1069-1083.	4.5	81
17	Energy Efficient Subchannel and Power Allocation for Software-defined Heterogeneous VLC and RF Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 658-670.	9.7	77
18	Energy Efficiency Optimization for NOMA UAV Network With Imperfect CSI. IEEE Journal on Selected Areas in Communications, 2020, 38, 2798-2809.	9.7	76

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19	Multicast Network Coding and Field Sizes. IEEE Transactions on Information Theory, 2015, 61, 6182-6191.	1.5	74
20	Deep Learning Based Radio Resource Management in NOMA Networks: User Association, Subchannel and Power Allocation. IEEE Transactions on Network Science and Engineering, 2020, 7, 2406-2415.	4.1	69
21	Incomplete CSI Based Resource Optimization in SWIPT Enabled Heterogeneous Networks: A Non-Cooperative Game Theoretic Approach. IEEE Transactions on Wireless Communications, 2018, 17, 1882-1892.	6.1	64
22	Traffic dynamics on layered complex networks. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 2401-2407.	1.2	61
23	Low-Complexity Cell Search With Fast PSS Identification in LTE. IEEE Transactions on Vehicular Technology, 2012, 61, 1719-1729.	3.9	57
24	Performance Analysis for Opportunistic Full-Duplex Relay Selection in Underlay Cognitive Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 4905-4910.	3.9	53
25	Energy Efficient Resource Allocation in Terahertz Downlink NOMA Systems. IEEE Transactions on Communications, 2021, 69, 1375-1384.	4.9	51
26	An Efficient Stochastic Gradient Descent Algorithm to Maximize the Coverage of Cellular Networks. IEEE Transactions on Wireless Communications, 2019, 18, 3424-3436.	6.1	45
27	Resource Allocation for Optimizing Energy Efficiency in NOMA-based Fog UAV Wireless Networks. IEEE Network, 2020, 34, 158-163.	4.9	45
28	Computation Offloading and Wireless Resource Management for Healthcare Monitoring in Fog-Computing-Based Internet of Medical Things. IEEE Internet of Things Journal, 2021, 8, 15875-15883.	5.5	42
29	Software-Defined and Fog-Computing-Based Next Generation Vehicular Networks. IEEE Communications Magazine, 2018, 56, 34-41.	4.9	40
30	Joint Resource Allocation and Trajectory Optimization With QoS in UAV-Based NOMA Wireless Networks. IEEE Transactions on Wireless Communications, 2021, 20, 6343-6355.	6.1	39
31	A V-shape photonic crystal fiber polarization filter based on surface plasmon resonance effect. Optics Communications, 2019, 452, 1-6.	1.0	38
32	Modulation-format-independent blind phase search algorithm for coherent optical square M-QAM systems. Optics Express, 2014, 22, 24044.	1.7	35
33	Deep Neural Network for Resource Management in NOMA Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 876-886.	3.9	34
34	Wearable Optical Fiber Sensor Based on a Bend Singlemode-Multimode-Singlemode Fiber Structure for Respiration Monitoring. IEEE Sensors Journal, 2021, 21, 4610-4617.	2.4	34
35	A Network Coding and DES Based Dynamic Encryption Scheme for Moving Target Defense. IEEE Access, 2018, 6, 26059-26068.	2.6	33
36	On Vector Linear Solvability of Multicast Networks. IEEE Transactions on Communications, 2016, 64, 5096-5107.	4.9	31

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37	Design and optimization of 32-core rod/trench assisted square-lattice structured single-mode multi-core fiber. Optics Express, 2017, 25, 5119.	1.7	30
38	Energy-Efficient Subchannel Matching and Power Allocation in NOMA Autonomous Driving Vehicular Networks. IEEE Wireless Communications, 2019, 26, 88-93.	6.6	30
39	A simple and efficient frequency offset estimation algorithm for high-speed coherent optical OFDM systems. Optics Express, 2012, 20, 7350.	1.7	29
40	112 Gb/s transmission over 80 km SSMF using PDM-PAM4 and coherent detection without optical amplifier. Optics Express, 2016, 24, 17359.	1.7	29
41	Resource Allocation in Terrestrial-Satellite-Based Next Generation Multiple Access Networks With Interference Cooperation. IEEE Journal on Selected Areas in Communications, 2022, 40, 1210-1221.	9.7	29
42	A genetic algorithm‐based task scheduling for cloud resource crowd‐funding model. International Journal of Communication Systems, 2018, 31, e3394.	1.6	27
43	Transmitter and receiver DSP for 112 Gbit/s PAM-4 amplifier-less transmissions using 25G-class EML and APD. Optics Express, 2018, 26, 22673.	1.7	27
44	Artificial Intelligence-Based Resource Allocation in Ultradense Networks: Applying Event-Triggered Q-Learning Algorithms. IEEE Vehicular Technology Magazine, 2019, 14, 56-63.	2.8	27
45	Guard Zone Based Interference Management for D2D-Aided Underlaying Cellular Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 5466-5471.	3.9	26
46	Proximal Policy Optimization-Based Transmit Beamforming and Phase-Shift Design in an IRS-Aided ISAC System for the THz Band. IEEE Journal on Selected Areas in Communications, 2022, 40, 2056-2069.	9.7	26
47	Joint Resource, Trajectory, and Artificial Noise Optimization in Secure Driven 3-D UAVs With NOMA and Imperfect CSI. IEEE Journal on Selected Areas in Communications, 2021, 39, 3363-3377.	9.7	25
48	Circular-Shift Linear Network Coding. IEEE Transactions on Information Theory, 2019, 65, 65-80.	1.5	23
49	Highly sensitive temperature sensing based on all-solid cladding dual-core photonic crystal fiber filled with the toluene and ethanol. Optics Communications, 2020, 477, 126357.	1.0	22
50	Efficient Joint Carrier Frequency Offset and Phase Noise Compensation Scheme for High-Speed Coherent Optical OFDM Systems. Journal of Lightwave Technology, 2013, 31, 1755-1761.	2.7	21
51	Secure Beamforming for Multiple-Antenna Amplify-and-Forward Relay Networks. IEEE Transactions on Signal Processing, 2016, 64, 1477-1492.	3.2	21
52	Mid-infrared silicon photonic crystal fiber polarization filter based on surface plasmon resonance effect. Optics Communications, 2020, 463, 125387.	1.0	21
53	A stable rate-based algorithm for active queue management. Computer Communications, 2005, 28, 1731-1740.	3.1	20
54	Novel Microfiber Sensor and Its Biosensing Application for Detection of hCG Based on a Singlemode-Tapered Hollow Core-Singlemode Fiber Structure. IEEE Sensors Journal, 2020, 20, 9071-9078.	2.4	20

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55	Complex Efficient Carrier Frequency Offset Estimation Algorithm in OFDM Systems. IEEE Transactions on Broadcasting, 2004, 50, 159-164.	2.5	18
56	Low-Complexity Carrier Phase Recovery for Square M-QAM Based on S-BPS Algorithm. IEEE Photonics Technology Letters, 2014, 26, 1863-1866.	1.3	17
57	Energy Efficient Resource Allocation in Cache Based Terahertz Vehicular Networks: A Mean-Field Game Approach. IEEE Transactions on Vehicular Technology, 2021, 70, 5275-5285.	3.9	17
58	Energy-Efficient Power Allocation with Interference Mitigation in MmWave-Based Fog Radio Access Networks. IEEE Wireless Communications, 2018, 25, 25-31.	6.6	16
59	IEEE 802.11 Distributed Coordination Function: Enhancement and analysis. Journal of Computer Science and Technology, 2003, 18, 607-614.	0.9	15
60	Modeling Channel Access Delay and Jitter of IEEE 802.11 DCF. Wireless Personal Communications, 2008, 47, 417-440.	1.8	15
61	Spray and forward: Efficient routing based on the Markov location prediction model for DTNs. Science China Information Sciences, 2012, 55, 433-440.	2.7	15
62	Polarization-interleave-multiplexed discrete multi-tone modulation with direct detection utilizing MIMO equalization. Optics Express, 2015, 23, 8409.	1.7	15
63	An Efficient Core Selection Method for Heterogeneous Trench-Assisted Multi-Core Fiber. IEEE Photonics Technology Letters, 2016, 28, 810-813.	1.3	15
64	Chalcogenide-Glass Nested Anti-Resonant Nodeless Fibers in Mid-Infrared Region. Journal of Lightwave Technology, 2018, 36, 5244-5253.	2.7	15
65	An Efficient Geometry-Induced Genetic Algorithm for Base Station Placement in Cellular Networks. IEEE Access, 2019, 7, 108604-108616.	2.6	15
66	HTTP-sCAN: Detecting HTTP-flooding attack by modeling multi-features of web browsing behavior from noisy web-logs. China Communications, 2015, 12, 118-128.	2.0	14
67	User Association and Power Allocation Based on Q-Learning in Ultra Dense Heterogeneous Networks. , 2019, , .		14
68	Fog Computing Vehicular Network Resource Management Based on Chemical Reaction Optimization. IEEE Transactions on Vehicular Technology, 2021, 70, 1770-1781.	3.9	14
69	Fair and Energy-Efficient Coverage Optimization for UAV Placement Problem in the Cellular Network. IEEE Transactions on Communications, 2022, 70, 4222-4235.	4.9	14
70	ADVANCED PROGRESS ON $Î§⁽³⁾$ NONLINEARITY IN CHIP-SCALE PHOTONIC PLATFORMS (INVITED REVIEW). Progress in Electromagnetics Research, 2021, 170, 17-62.	1.6	13
71	Design of dual-core photonic crystal fiber for temperature sensor based on surface plasmon resonance effect. Optics Communications, 2022, 508, 127838.	1.0	13
72	IRS Empowered UAV Wireless Communication With Resource Allocation, Reflecting Design and Trajectory Optimization. IEEE Transactions on Wireless Communications, 2022, 21, 7867-7880.	6.1	13

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73	Joint Spectrum-Sharing and Base Station Sleep Model for Improving Energy Efficiency of Heterogeneous Networks. IEEE Systems Journal, 2018, 12, 560-570.	2.9	12
74	Circular-Shift Linear Network Codes With Arbitrary Odd Block Lengths. IEEE Transactions on Communications, 2019, 67, 2660-2672.	4.9	12
75	Subchannel Assignment and Power Allocation for Time-Varying Fog Radio Access Network With NOMA. IEEE Transactions on Wireless Communications, 2021, 20, 3685-3697.	6.1	12
76	Self-similar picosecond pulse compression for supercontinuum generation at mid-infrared wavelength in silicon strip waveguides. Optics Communications, 2020, 454, 124380.	1.0	11
77	Deep Dyna-Reinforcement Learning Based on Random Access Control in LEO Satellite IoT Networks. IEEE Internet of Things Journal, 2022, 9, 14818-14828.	5.5	11
78	Energy-Efficient Resource Allocation in NOMA Heterogeneous Networks with Energy Harvesting. , 2018, , .		10
79	Spectrum Management Scheme in Fog IoT Networks. IEEE Communications Magazine, 2018, 56, 101-107.	4.9	9
80	Accelerated Coverage Optimization With Particle Swarm in the Quotient Space Characterizing Antenna Azimuths of Cellular Networks. IEEE Access, 2019, 7, 86252-86264.	2.6	9
81	Theoretical CSPR Analysis and Performance Comparison for Four Single-Sideband Modulation Schemes With Kramers-Kronig Receiver. IEEE Access, 2019, 7, 166257-166267.	2.6	9
82	Energy Efficient User Association, Resource Allocation and Caching Deployment in Fog Radio Access Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 1846-1856.	3.9	9
83	Survivability-oriented optimal node density for randomly deployed wireless sensor networks. Science China Information Sciences, 2014, 57, 1-6.	2.7	8
84	Design and optimization of 3-modeÃ—12-core dual-ring structured few-mode multi-core fiber. Optics Communications, 2016, 381, 30-36.	1.0	8
85	Resource Allocation in Software Defined Fog Vehicular Networks. , 2017, , .		8
86	Joint baud-rate and modulation format identification based on asynchronous delay-tap plots analyzer by using convolutional neural network. Optics Communications, 2019, 450, 97-102.	1.0	8
87	Slow-Nonlinearity Assisted Supercontinuum Generation in a CS_2-Core Photonic Crystal Fiber. IEEE Journal of Quantum Electronics, 2019, 55, 1-9.	1.0	8
88	Joint Beamforming and Power Control for MIMO-NOMA with Deep Reinforcement Learning. , 2021, , .		8
89	HTTP-SoLDiER: An HTTP-flooding attack detection scheme with the large deviation principle. Science China Information Sciences, 2014, 57, 1-15.	2.7	7
90	Polarization Beam Splitter Based on the Gold Wire-Filled Dual-Core Photonic Crystal Fiber at the Communication Wavelengths. Fiber and Integrated Optics, 2021, 40, 70-83.	1.7	7

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91	Joint Resource Allocation and Trajectory Optimization with QoS in NOMA UAV Networks. , 2020, , .		7
92	Decentralized Baseband Processing With Gaussian Message Passing Detection for Uplink Massive MU-MIMO Systems. IEEE Transactions on Vehicular Technology, 2022, 71, 2152-2157.	3.9	7
93	Comments on "High-Throughput, High-Performance OFDM via Pseudo-Orthogonal Carrier Interferometry Spreading Codes. IEEE Transactions on Communications, 2007, 55, 232-234.	4.9	6
94	Unequal-Error-Correcting-Capability-Aware Iterative Receiver for (Parallel) Turbo-Coded Communications. IEEE Transactions on Vehicular Technology, 2014, 63, 3446-3451.	3.9	6
95	Polarization-Multiplexed DMT With IM-DD Using 2 × 2 MIMO Processing Based on SOP Estimation and MPBI Elimination. IEEE Photonics Journal, 2015, 7, 1-12.	1.0	6
96	An adaptive path selection model for WSN multipath routing inspired by metabolism behaviors. Science China Information Sciences, 2015, 58, 1-15.	2.7	6
97	Enhancing the Performance of the Quasi-ML Receiver (Detector Plus Decoder) for Coded MIMO Systems Via Statistical Information. IEEE Transactions on Vehicular Technology, 2016, 65, 3765-3771.	3.9	6
98	Dispersion-engineered T-type germanium waveguide for mid-infrared supercontinuum and frequency comb generations in all-normal dispersion region. OSA Continuum, 2020, 3, 2320.	1.8	6
99	Does amplify-and-forward cooperative relay improve OFDM/OFDMA ergodic capacity?. China Communications, 2014, 11, 83-89.	2.0	5
100	Joint group power allocation and prebeamforming for joint spatial-division multiplexing in multiuser massive MIMO systems. , 2015, , .		5
101	Energy Efficient Dynamic Resource Allocation in NOMA Networks. , 2017, , .		5
102	Collaborative Geolocation Based on Imprecise Initial Coordinates for Internet of Things. IEEE Access, 2018, 6, 48850-48858.	2.6	5
103	Energy Efficient Resource Allocation for Secure NOMA Networks. , 2018, , .		5
104	Multi-Criteria Coverage Map Construction Based on Adaptive Triangulation-Induced Interpolation for Cellular Networks. IEEE Access, 2019, 7, 80767-80777.	2.6	5
105	On Encoding and Decoding of Circular-Shift Linear Network Codes. IEEE Communications Letters, 2019, 23, 777-780.	2.5	5
106	Graphene-Coated Two-Layer Dielectric Loaded Surface Plasmon Polariton Rib Waveguide With Ultra-Long Propagation Length and Ultra-High Electro-Optic Wavelength Tuning. IEEE Access, 2020, 8, 103433-103442.	2.6	5
107	Resource Allocation for Energy Efficient NOMA UAV Network under Imperfect CSI. , 2020, , .		5
108	A novel segment-shared protection algorithm based on dynamic domain-sequencing scheme for multi-domain optical mesh networks. Photonic Network Communications, 2011, 22, 276-287.	1.4	4

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109	An enhanced backward recursive PCE-based computation scheme for end-to-end disjoint paths in multi-domain networks. Photonic Network Communications, 2012, 24, 22-28.	1.4	4
110	Efficient secondary access with intelligent spectrum sensing in cognitive radio networks. International Journal of Communication Systems, 2014, 27, 4226-4248.	1.6	4
111	A Breast Cancer Risk Classification Model Based on the Features Selected by Novel F-Score Index for the Imbalanced Multi-Feature Dataset. , 2016, , .		4
112	Energy-Efficient Resource Allocation in Heterogeneous Small Cell Networks with WiFi Spectrum Sharing. , 2017, , .		4
113	Single Channel 50 Gbit/s Transmission Over 40 km SSMF Without Optical Amplification and In-Line Dispersion Compensation Using a Single-End PD-Based PDM-SSB-DMT System. IEEE Photonics Journal, 2017, 9, 1-11.	1.0	4
114	Energy Efficient Resource Allocation and Caching in Fog Radio Access Networks. , 2018, , .		4
115	Subchannel Assignment and Power Optimization for Energy-Efficient NOMA Heterogeneous Network. , 2019, , .		4
116	Theoretical and numerical analyses for PDM-IM signals using Stokes vector receivers. Science China Information Sciences, 2020, 63, 1.	2.7	4
117	Common-mode noise self-suppressed 3-component fiber optic accelerometer based on low-reflectivity Bragg gratings. Optics Letters, 2021, 46, 1596.	1.7	4
118	Theoretical analysis of PAM-N and M-QAM BER computation with single-sideband signal. Science China Information Sciences, 2021, 64, 1.	2.7	4
119	Demonstration of Fiber-Optic Seismic Sensor With Improved Dynamic Response in Oilfield Application. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-8.	2.4	4
120	PPO-Based PDACB Traffic Control Scheme for Massive IoV Communications. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 1116-1125.	4.7	4
121	A novel authentication protocol enabling RFID tags ownership transfer. , 2012, , .		3
122	Knightâ€™s tour-based fast fault localization mechanism in mesh optical communication networks. Photonic Network Communications, 2012, 23, 123-129.	1.4	3
123	Optimal pilots design for frequency offsets and channel estimation in OFDM modulated single frequency networks. Science China Information Sciences, 2014, 57, 1-12.	2.7	3
124	Constructing multicast networks where vector linear coding outperforms scalar linear coding. , 2015, , .		3
125	A novel rateless codes design scheme based on twoâ€stage encoding and forward equal probability. International Journal of Communication Systems, 2015, 28, 426-436.	1.6	3
126	RMI-DRE: a redundancy-maximizing identification scheme for data redundancy elimination. Science China Information Sciences, 2016, 59, 1.	2.7	3

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127	Spline approximation-based data compression for sensor arrays in the wireless hydrologic monitoring system. International Journal of Distributed Sensor Networks, 2017, 13, 155014771769258.	1.3	3
128	Above-Threshold Queries of Environmental Conditions Based on Bilinear Interpolation in Wireless Sensor Networks. Sensors, 2018, 18, 4203.	2.1	3
129	A Decentralized Private Data Transaction Pricing and Quality Control Method. , 2019, , .		3
130	Boosting the Cellular Network Coverage Optimization in Accordance With the Metric Structure of Antenna Variables. IEEE Transactions on Wireless Communications, 2020, 19, 8303-8314.	6.1	3
131	Modulation format and baud-rate identification using asynchronous single channel sampling based on CNN. Optics Communications, 2020, 463, 125363.	1.0	3
132	Primal–Dual Learning for Cross-Layer Resource Management in Cell-Free Massive MIMO IIoT. IEEE Internet of Things Journal, 2022, 9, 17026-17034.	5.5	3
133	Analysis and Suppression of Aliased Noises in Time-Division-Multiplexing Interferometric Fiber-Optic Sensor Array. Journal of Lightwave Technology, 2022, 40, 2670-2678.	2.7	3
134	User Association, Subchannel and Power Allocation in Space-Air-Ground Integrated Vehicular Network With Delay Constraints. IEEE Transactions on Network Science and Engineering, 2023, 10, 1203-1213.	4.1	3
135	An effective feedback control mechanism for DiffServ architecture. Journal of Computer Science and Technology, 2002, 17, 420-431.	0.9	2
136	40Gbps double-sided multiband OFDM-PON based on polarization interleaving and direct detection. , 2014, , .		2
137	WARAS: An adaptive WSN multipath selection model inspired by metabolism behaviors of Escherichia Coli. , 2015, , .		2
138	Design method for low index trench and rod assisted weakly-coupled multi-core fiber. Science China Information Sciences, 2016, 59, 1.	2.7	2
139	Theoretical analysis on inter-core crosstalk suppression model for multi-core fiber. China Communications, 2016, 13, 192-197.	2.0	2
140	A bio-inspired OSPF path selection scheme based on an adaptive attractor selection model. International Journal of Communication Systems, 2017, 30, e2963.	1.6	2
141	Improved immunization strategy to reduce energy consumption on nodes traffic. Optics Communications, 2017, 389, 314-317.	1.0	2
142	A Stochastic Gradient Descent Algorithm for Antenna Tilt Optimization in Cellular Networks. , 2018, , .		2
143	Experimental study of single channel 100 Gbit/s PAM4 transmission over 40 km using 17 GHz EML and APD at O band. Optical Fiber Technology, 2018, 45, 411-414.	1.4	2
144	Virtual Force-Decorated Genetic Algorithm to Optimize Base Station Locations. , 2019, , .		2

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145	Generation of parabolic pulse in a dispersion and nonlinearity jointly engineered silicon waveguide taper. Optics Communications, 2019, 448, 48-54.	1.0	2
146	Downhole Microseismic Monitoring Using FOSS and Its Field Test Comparison With Moving-Coil Geophone. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	2
147	Low-Complexity EP Receiver Based on Location-Aware and Reliability-Aware Strategy. IEEE Communications Letters, 2021, 25, 2034-2038.	2.5	2
148	High-speed PON downstream transmission based on pre-configured KK scheme with CD pre-compensation and direct detection. Optics Communications, 2022, 510, 127906.	1.0	2
149	Primal Dual PPO Learning Resource Allocation in Indoor IRS-Aided Networks. , 2021, , .		2
150	Quantitative adaptive RED in differentiated service networks. Journal of Computer Science and Technology, 2003, 18, 223-229.	0.9	1
151	Allocating network resources by weight between TCP traffics. Journal of Computer Science and Technology, 2003, 18, 247-251.	0.9	1
152	Local segment-shared protection based on source egress gateway selection for multi-domain optical mesh networks. Science China Information Sciences, 2011, 54, 227-235.	2.7	1
153	A novel radio resource allocation scheme for IEEE 802.16e multicell networks. Science China Information Sciences, 2011, 54, 1444-1455.	2.7	1
154	A distributed backoff-channel deflection algorithm with load balancing for optical burst switching networks. Photonic Network Communications, 2012, 24, 39-46.	1.4	1
155	Cost Efficient Fault Tolerant Design in Mesh Optical Networks with the Load Aware Method. Journal of Network and Systems Management, 2012, 20, 56-75.	3.3	1
156	Advanced in Optical Network Control and Management. Journal of Network and Systems Management, 2012, 20, 1-4.	3.3	1
157	A management architecture of cloud server systems. , 2014, , .		1
158	PDM-SSB-OFDM transmission over 80km SSMF based on a single photodetector at C-band. , 2017, , .		1
159	Energy efficient resource allocation for the software-defined VLC and RF small cells. , 2017, , .		1
160	ELITE GRADIENT DESCENT OPTIMIZATION OF ANTENNA PARAMETERS CONSTRAINED BY RADIO COVERAGE IN GREEN CELLULAR NETWORKS. , 2018, , .		1
161	Design of Photonic Crystal Fiber Polarization Filter Based on Surface Plasmon Resonance. , 2018, , .		1
162	Noncooperative Resource optimization for NOMA Based Fog Radio Access Network. , 2020, , .		1

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163	Mid-Infrared Supercontinuum and Frequency Comb Generations by Different Optical Modes in a Multimode Chalcogenide Strip Waveguide. IEEE Access, 2020, 8, 202022-202031.	2.6	1
164	Passive Generation of the Multi-Wavelength Parabolic Pulses in Tapered Silicon Nanowires. IEEE Access, 2020, 8, 77631-77641.	2.6	1
165	Rethinking Cellular System Coverage Optimization: A Perspective of Pseudometric Structure of Antenna Azimuth Variable Space. IEEE Systems Journal, 2021, 15, 2971-2979.	2.9	1
166	A new proportional differentiation scheme based on batch scheduling for optical burst switching networks. Photonic Network Communications, 2009, 18, 49-54.	1.4	0
167	Simple and Robust Chromatic Dispersion Estimation for RGI-CO-OFDM Systems. IEEE Photonics Technology Letters, 2013, 25, 1222-1225.	1.3	0
168	An intelligent cooperative sensing strategy with low overhead for cognitive radios. Wireless Communications and Mobile Computing, 2015, 15, 1518-1529.	0.8	0
169	1-Bit compressed sensing of positive semi-definite matrices via rank-1 measurement matrices. , 2016, , .		0
170	Liquid-core photonic crystal fiber based plasmonic sensor with selective analyte channels. , 2017, , .		0
171	Coupled W-type four-core fiber with low differential mode group delay for C+L band. , 2017, , .		0
172	C band 112ÂGb/s PAM4 signal transmission over 320Âkm with a quasi-linear double-side electro-absorption modulated laser (DS-EML). Optical Fiber Technology, 2021, 61, 102407.	1.4	0
173	Resource Management for Intelligent Reflecting Surface Assisted THz-MIMO Network. , 2021, , .		0
174	Improved Whale Optimization Algorithm based Resource Scheduling in NOMA THz Networks. , 2021, , .		0
175	3.5 GHz Outdoor Radio Signal Strength Prediction With Machine Learning Based on Low-Cost Geographic Features. IEEE Transactions on Antennas and Propagation, 2022, 70, 4155-4170.	3.1	0