

# Keping Long

## List of Publications by Year in Descending Order

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**Version:** 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

161  
papers

3,472  
citations

25  
h-index

56  
g-index

177  
ext. papers

4,459  
ext. citations

5.1  
avg, IF

5.95  
L-index

#	Paper	IF	Citations
161	Resource Allocation in Terrestrial-Satellite based Next Generation Multiple Access Networks with Interference Cooperation. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2022</b> , 1-1	14.2	2
160	High-speed PON downstream transmission based on pre-configured KK scheme with CD pre-compensation and direct detection. <i>Optics Communications</i> , <b>2022</b> , 510, 127906	2	1
159	Design of dual-core photonic crystal fiber for temperature sensor based on surface plasmon resonance effect. <i>Optics Communications</i> , <b>2022</b> , 508, 127838	2	1
158	Proximal Policy Optimization-based Transmit Beamforming and Phase-shift Design in an IRS-aided ISAC System for the THz Band. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2022</b> , 1-1	14.2	4
157	PPO-Based PDACB Traffic Control Scheme for Massive IoV Communications. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2022</b> , 1-10	6.1	0
156	IRS Empowered UAV Wireless Communication with Resource Allocation, Reflecting Design and Trajectory Optimization. <i>IEEE Transactions on Wireless Communications</i> , <b>2022</b> , 1-1	9.6	3
155	User Association, Subchannel and Power Allocation in Space-Air-Ground Integrated Vehicular Network with Delay Constraints. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2022</b> , 1-1	4.9	1
154	Fair and Energy-efficient Coverage Optimization for UAV Placement Problem in the Cellular Network. <i>IEEE Transactions on Communications</i> , <b>2022</b> , 1-1	6.9	2
153	Demonstration of fiber-optic seismic sensor with improved dynamic response in oilfield application. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2021</b> , 1-1	5.2	1
152	Decentralized Baseband Processing with Gaussian Message Passing Detection for Uplink Massive MU-MIMO Systems. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 1-1	6.8	1
151	Primal-dual Learning for Cross-layer Resource Management in Cell-free Massive MIMO IIoT. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	0
150	Analysis and suppression of aliased noises in time-division-multiplexing interferometric fiber-optic sensor array. <i>Journal of Lightwave Technology</i> , <b>2021</b> , 1-1	4	0
149	Energy Efficient User Association, Resource Allocation and Caching Deployment in Fog Radio Access Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 1-1	6.8	2
148	Common-mode noise self-suppressed 3-component fiber optic accelerometer based on low-reflectivity Bragg gratings. <i>Optics Letters</i> , <b>2021</b> , 46, 1596-1599	3	3
147	Subchannel Assignment and Power Allocation for Time-Varying Fog Radio Access Network With NOMA. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 20, 3685-3697	9.6	3
146	Energy Efficient Resource Allocation in Cache Based Terahertz Vehicular Networks: A Mean-Field Game Approach. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 70, 5275-5285	6.8	6
145	Low-Complexity EP Receiver Based on Location-Aware and Reliability-Aware Strategy. <i>IEEE Communications Letters</i> , <b>2021</b> , 25, 2034-2038	3.8	1

144	Theoretical analysis of PAM-N and M-QAM BER computation with single-sideband signal. <i>Science China Information Sciences</i> , <b>2021</b> , 64, 1	3.4	1
143	Rethinking Cellular System Coverage Optimization: A Perspective of Pseudometric Structure of Antenna Azimuth Variable Space. <i>IEEE Systems Journal</i> , <b>2021</b> , 15, 2971-2979	4.3	1
142	C band 112 Gb/s PAM4 signal transmission over 320 km with a quasi-linear double-side electro-absorption modulated laser (DS-EML). <i>Optical Fiber Technology</i> , <b>2021</b> , 61, 102407	2.4	
141	Joint Resource Allocation and Trajectory Optimization With QoS in UAV-Based NOMA Wireless Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 1-1	9.6	12
140	Polarization Beam Splitter Based on the Gold Wire-Filled Dual-Core Photonic Crystal Fiber at the Communication Wavelengths. <i>Fiber and Integrated Optics</i> , <b>2021</b> , 40, 70-83	0.8	3
139	. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2021</b> , 1-1	14.2	7
138	Downhole Microseismic Monitoring Using FOSS and Its Field Test Comparison With Moving-Coil Geophone. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-14	8.1	1
137	Deep Dyna-Reinforcement Learning Based on Random Access Control in LEO Satellite IoT Networks. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	1
136	Computation Offloading and Wireless Resource Management for Healthcare Monitoring in Fog-Computing based Internet of Medical Things. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	9
135	Energy Efficient Resource Allocation in Terahertz Downlink NOMA Systems. <i>IEEE Transactions on Communications</i> , <b>2021</b> , 69, 1375-1384	6.9	18
134	. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 4610-4617	4	7
133	Fog Computing Vehicular Network Resource Management Based on Chemical Reaction Optimization. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 70, 1770-1781	6.8	6
132	ADVANCED PROGRESS ON (B) NONLINEARITY IN CHIP-SCALE PHOTONIC PLATFORMS (INVITED REVIEW). <i>Progress in Electromagnetics Research</i> , <b>2021</b> , 170, 17-62	3.8	3
131	. <i>IEEE Transactions on Wireless Communications</i> , <b>2020</b> , 19, 8303-8314	9.6	0
130	Theoretical and numerical analyses for PDM-IM signals using Stokes vector receivers. <i>Science China Information Sciences</i> , <b>2020</b> , 63, 1	3.4	1
129	Passive Generation of the Multi-Wavelength Parabolic Pulses in Tapered Silicon Nanowires. <i>IEEE Access</i> , <b>2020</b> , 8, 77631-77641	3.5	
128	Energy Efficient User Clustering, Hybrid Precoding and Power Optimization in Terahertz MIMO-NOMA Systems. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2020</b> , 38, 2074-2085	14.2	54
127	Power Control Based on Deep Reinforcement Learning for Spectrum Sharing. <i>IEEE Transactions on Wireless Communications</i> , <b>2020</b> , 19, 4209-4219	9.6	41

126	Deep Learning Based Radio Resource Management in NOMA Networks: User Association, Subchannel and Power Allocation. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2020</b> , 7, 2406-2415	4.9	22
125	Modulation format and baud-rate identification using asynchronous single channel sampling based on CNN. <i>Optics Communications</i> , <b>2020</b> , 463, 125363	2	3
124	Mid-infrared silicon photonic crystal fiber polarization filter based on surface plasmon resonance effect. <i>Optics Communications</i> , <b>2020</b> , 463, 125387	2	11
123	. <i>IEEE Sensors Journal</i> , <b>2020</b> , 20, 9071-9078	4	12
122	Dispersion-engineered T-type germanium waveguide for mid-infrared supercontinuum and frequency comb generations in all-normal dispersion region. <i>OSA Continuum</i> , <b>2020</b> , 3, 2320	1.4	5
121	Energy Efficient Resource Management in SWIPT Enabled Heterogeneous Networks With NOMA. <i>IEEE Transactions on Wireless Communications</i> , <b>2020</b> , 19, 835-845	9.6	56
120	Resource Allocation for Optimizing Energy Efficiency in NOMA-based Fog UAV Wireless Networks. <i>IEEE Network</i> , <b>2020</b> , 34, 158-163	11.4	29
119	Deep Neural Network for Resource Management in NOMA Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 876-886	6.8	19
118	Energy Efficiency Optimization for NOMA UAV Network With Imperfect CSI. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2020</b> , 38, 2798-2809	14.2	39
117	Noncooperative Resource optimization for NOMA Based Fog Radio Access Network <b>2020</b> ,		1
116	Graphene-Coated Two-Layer Dielectric Loaded Surface Plasmon Polariton Rib Waveguide With Ultra-Long Propagation Length and Ultra-High Electro-Optic Wavelength Tuning. <i>IEEE Access</i> , <b>2020</b> , 8, 103433-103442	3.5	1
115	Highly sensitive temperature sensing based on all-solid cladding dual-core photonic crystal fiber filled with the toluene and ethanol. <i>Optics Communications</i> , <b>2020</b> , 477, 126357	2	11
114	. <i>IEEE Access</i> , <b>2020</b> , 8, 202022-202031	3.5	1
113	Self-similar picosecond pulse compression for supercontinuum generation at mid-infrared wavelength in silicon strip waveguides. <i>Optics Communications</i> , <b>2020</b> , 454, 124380	2	6
112	. <i>IEEE Vehicular Technology Magazine</i> , <b>2019</b> , 14, 56-63	9.9	16
111	Multi-Criteria Coverage Map Construction Based on Adaptive Triangulation-Induced Interpolation for Cellular Networks. <i>IEEE Access</i> , <b>2019</b> , 7, 80767-80777	3.5	3
110	Energy-Efficient Subchannel Matching and Power Allocation in NOMA Autonomous Driving Vehicular Networks. <i>IEEE Wireless Communications</i> , <b>2019</b> , 26, 88-93	13.4	19
109	An Efficient Stochastic Gradient Descent Algorithm to Maximize the Coverage of Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2019</b> , 18, 3424-3436	9.6	19

108	Generation of parabolic pulse in a dispersion and nonlinearity jointly engineered silicon waveguide taper. <i>Optics Communications</i> , <b>2019</b> , 448, 48-54	2	2
107	On Encoding and Decoding of Circular-Shift Linear Network Codes. <i>IEEE Communications Letters</i> , <b>2019</b> , 23, 777-780	3.8	2
106	Slow-Nonlinearity Assisted Supercontinuum Generation in a CS2-Core Photonic Crystal Fiber. <i>IEEE Journal of Quantum Electronics</i> , <b>2019</b> , 55, 1-9	2	4
105	Circular-Shift Linear Network Coding. <i>IEEE Transactions on Information Theory</i> , <b>2019</b> , 65, 65-80	2.8	11
104	A Decentralized Private Data Transaction Pricing and Quality Control Method <b>2019</b> ,		2
103	Accelerated Coverage Optimization With Particle Swarm in the Quotient Space Characterizing Antenna Azimuths of Cellular Networks. <i>IEEE Access</i> , <b>2019</b> , 7, 86252-86264	3.5	8
102	A V-shape photonic crystal fiber polarization filter based on surface plasmon resonance effect. <i>Optics Communications</i> , <b>2019</b> , 452, 1-6	2	25
101	Joint baud-rate and modulation format identification based on asynchronous delay-tap plots analyzer by using convolutional neural network. <i>Optics Communications</i> , <b>2019</b> , 450, 97-102	2	5
100	An Efficient Geometry-Induced Genetic Algorithm for Base Station Placement in Cellular Networks. <i>IEEE Access</i> , <b>2019</b> , 7, 108604-108616	3.5	8
99	Subchannel Assignment and Power Optimization for Energy-Efficient NOMA Heterogeneous Network <b>2019</b> ,		2
98	User Association and Power Allocation Based on Q-Learning in Ultra Dense Heterogeneous Networks <b>2019</b> ,		9
97	Theoretical CSFR Analysis and Performance Comparison for Four Single-Sideband Modulation Schemes With Kramers-Kronig Receiver. <i>IEEE Access</i> , <b>2019</b> , 7, 166257-166267	3.5	8
96	Circular-Shift Linear Network Codes With Arbitrary Odd Block Lengths. <i>IEEE Transactions on Communications</i> , <b>2019</b> , 67, 2660-2672	6.9	6
95	Joint Spectrum-Sharing and Base Station Sleep Model for Improving Energy Efficiency of Heterogeneous Networks. <i>IEEE Systems Journal</i> , <b>2018</b> , 12, 560-570	4.3	7
94	Secure Communications in NOMA System: Subcarrier Assignment and Power Allocation. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2018</b> , 36, 1441-1452	14.2	80
93	Energy-Efficient Resource Allocation in NOMA Heterogeneous Networks. <i>IEEE Wireless Communications</i> , <b>2018</b> , 25, 48-53	13.4	99
92	Energy Efficient Subchannel and Power Allocation for Software-defined Heterogeneous VLC and RF Networks. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2018</b> , 36, 658-670	14.2	63
91	Incomplete CSI Based Resource Optimization in SWIPT Enabled Heterogeneous Networks: A Non-Cooperative Game Theoretic Approach. <i>IEEE Transactions on Wireless Communications</i> , <b>2018</b> , 17, 1882-1892	9.6	57

90	A genetic algorithm-based task scheduling for cloud resource crowd-funding model. <i>International Journal of Communication Systems</i> , <b>2018</b> , 31, e3394	1.7	20
89	Resource Allocation in NOMA-Based Fog Radio Access Networks. <i>IEEE Wireless Communications</i> , <b>2018</b> , 25, 110-115	13.4	66
88	Energy Efficient Dynamic Resource Optimization in NOMA System. <i>IEEE Transactions on Wireless Communications</i> , <b>2018</b> , 17, 5671-5683	9.6	76
87	Energy Efficient Resource Allocation for Secure NOMA Networks <b>2018</b> ,		5
86	A Network Coding and DES Based Dynamic Encryption Scheme for Moving Target Defense. <i>IEEE Access</i> , <b>2018</b> , 6, 26059-26068	3.5	19
85	Transmitter and receiver DSP for 112 Gbit/s PAM-4 amplifier-less transmissions using 25G-class EML and APD. <i>Optics Express</i> , <b>2018</b> , 26, 22673-22686	3.3	20
84	A Stochastic Gradient Descent Algorithm for Antenna Tilt Optimization in Cellular Networks <b>2018</b> ,		1
83	Energy-Efficient Resource Allocation in NOMA Heterogeneous Networks with Energy Harvesting <b>2018</b> ,		9
82	ELITE GRADIENT DESCENT OPTIMIZATION OF ANTENNA PARAMETERS CONSTRAINED BY RADIO COVERAGE IN GREEN CELLULAR NETWORKS <b>2018</b> ,		1
81	Energy Efficient Resource Allocation and Caching in Fog Radio Access Networks <b>2018</b> ,		4
80	Above-Threshold Queries of Environmental Conditions Based on Bilinear Interpolation in Wireless Sensor Networks. <i>Sensors</i> , <b>2018</b> , 18,	3.8	2
79	Software-Defined and Fog-Computing-Based Next Generation Vehicular Networks. <i>IEEE Communications Magazine</i> , <b>2018</b> , 56, 34-41	9.1	33
78	. <i>Journal of Lightwave Technology</i> , <b>2018</b> , 36, 5244-5253	4	6
77	Spectrum Management Scheme in Fog IoT Networks. <i>IEEE Communications Magazine</i> , <b>2018</b> , 56, 101-107	9.1	8
76	Experimental study of single channel 100 Gbit/s PAM4 transmission over 40 km using 17 GHz EML and APD at O band. <i>Optical Fiber Technology</i> , <b>2018</b> , 45, 411-414	2.4	1
75	Energy-Efficient Power Allocation with Interference Mitigation in MmWave-Based Fog Radio Access Networks. <i>IEEE Wireless Communications</i> , <b>2018</b> , 25, 25-31	13.4	13
74	Collaborative Geolocation Based on Imprecise Initial Coordinates for Internet of Things. <i>IEEE Access</i> , <b>2018</b> , 6, 48850-48858	3.5	4
73	A bio-inspired OSPF path selection scheme based on an adaptive attractor selection model. <i>International Journal of Communication Systems</i> , <b>2017</b> , 30, e2963	1.7	1

72	Improved immunization strategy to reduce energy consumption on nodes traffic. <i>Optics Communications</i> , <b>2017</b> , 389, 314-317	2	1
71	Energy Efficient Dynamic Resource Allocation in NOMA Networks <b>2017</b> ,		5
70	Network Slicing Based 5G and Future Mobile Networks: Mobility, Resource Management, and Challenges. <i>IEEE Communications Magazine</i> , <b>2017</b> , 55, 138-145	9.1	431
69	Spline approximation-based data compression for sensor arrays in the wireless hydrologic monitoring system. <i>International Journal of Distributed Sensor Networks</i> , <b>2017</b> , 13, 155014771769258	1.7	1
68	Energy Efficient User Association and Power Allocation in Millimeter-Wave-Based Ultra Dense Networks With Energy Harvesting Base Stations. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2017</b> , 35, 1936-1947	14.2	275
67	Guard Zone Based Interference Management for D2D-Aided Underlying Cellular Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2017</b> , 66, 5466-5471	6.8	16
66	Fog Radio Access Networks: Mobility Management, Interference Mitigation, and Resource Optimization. <i>IEEE Wireless Communications</i> , <b>2017</b> , 24, 120-127	13.4	91
65	Energy-Efficient Resource Allocation in Heterogeneous Small Cell Networks with WiFi Spectrum Sharing <b>2017</b> ,		4
64	PDM-SSB-OFDM transmission over 80km SSMF based on a single photodetector at C-band <b>2017</b> ,		1
63	Resource Allocation in Software Defined Fog Vehicular Networks <b>2017</b> ,		4
62	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. <i>IEEE Photonics Journal</i> , <b>2017</b> , 9, 1-11	1.8	3
61	Design and optimization of 32-core rod/trench assisted square-lattice structured single-mode multi-core fiber. <i>Optics Express</i> , <b>2017</b> , 25, 5119-5132	3.3	17
60	Enhancing the Performance of the Quasi-ML Receiver (Detector Plus Decoder) for Coded MIMO Systems Via Statistical Information. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 3765-3771	6.8	4
59	112 Gb/s transmission over 80 km SSMF using PDM-PAM4 and coherent detection without optical amplifier. <i>Optics Express</i> , <b>2016</b> , 24, 17359-71	3.3	14
58	Theoretical analysis on inter-core crosstalk suppression model for multi-core fiber. <i>China Communications</i> , <b>2016</b> , 13, 192-197	3	2
57	An Efficient Core Selection Method for Heterogeneous Trench-Assisted Multi-Core Fiber. <i>IEEE Photonics Technology Letters</i> , <b>2016</b> , 28, 810-813	2.2	12
56	Full-Duplex Wireless Communications: Challenges, Solutions, and Future Research Directions. <i>Proceedings of the IEEE</i> , <b>2016</b> , 104, 1369-1409	14.3	293
55	Secure Beamforming for Multiple-Antenna Amplify-and-Forward Relay Networks. <i>IEEE Transactions on Signal Processing</i> , <b>2016</b> , 64, 1477-1492	4.8	15

54	Design and optimization of 3-mode 12-core dual-ring structured few-mode multi-core fiber. <i>Optics Communications</i> , <b>2016</b> , 381, 30-36	2	4
53	A Breast Cancer Risk Classification Model Based on the Features Selected by Novel F-Score Index for the Imbalanced Multi-Feature Dataset <b>2016</b> ,		3
52	. <i>IEEE Transactions on Communications</i> , <b>2016</b> , 64, 5096-5107	6.9	23
51	RMI-DRE: a redundancy-maximizing identification scheme for data redundancy elimination. <i>Science China Information Sciences</i> , <b>2016</b> , 59, 1	3.4	3
50	Design method for low index trench and rod assisted weakly-coupled multi-core fiber. <i>Science China Information Sciences</i> , <b>2016</b> , 59, 1	3.4	1
49	HTTP-sCAN: Detecting HTTP-flooding attack by modeling multi-features of web browsing behavior from noisy web-logs. <i>China Communications</i> , <b>2015</b> , 12, 118-128	3	5
48	Polarization-interleave-multiplexed discrete multi-tone modulation with direct detection utilizing MIMO equalization. <i>Optics Express</i> , <b>2015</b> , 23, 8409-21	3.3	12
47	Polarization-Multiplexed DMT With IM-DD Using 2-D MIMO Processing Based on SOP Estimation and MPBI Elimination. <i>IEEE Photonics Journal</i> , <b>2015</b> , 7, 1-12	1.8	5
46	WARAS: An adaptive WSN multipath selection model inspired by metabolism behaviors of Escherichia Coli <b>2015</b> ,		2
45	An intelligent cooperative sensing strategy with low overhead for cognitive radios. <i>Wireless Communications and Mobile Computing</i> , <b>2015</b> , 15, 1518-1529	1.9	
44	. <i>IEEE Transactions on Information Theory</i> , <b>2015</b> , 61, 6182-6191	2.8	43
43	Constructing multicast networks where vector linear coding outperforms scalar linear coding <b>2015</b> ,		3
42	Joint group power allocation and prebeamforming for joint spatial-division multiplexing in multiuser massive MIMO systems <b>2015</b> ,		4
41	An adaptive path selection model for WSN multipath routing inspired by metabolism behaviors. <i>Science China Information Sciences</i> , <b>2015</b> , 58, 1-15	3.4	4
40	A novel rateless codes design scheme based on two-stage encoding and forward equal probability. <i>International Journal of Communication Systems</i> , <b>2015</b> , 28, 426-436	1.7	1
39	Performance Analysis for Opportunistic Full-Duplex Relay Selection in Underlay Cognitive Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2015</b> , 64, 4905-4910	6.8	43
38	Survivability-oriented optimal node density for randomly deployed wireless sensor networks. <i>Science China Information Sciences</i> , <b>2014</b> , 57, 1-6	3.4	6
37	Unequal-Error-Correcting-Capability-Aware Iterative Receiver for (Parallel) Turbo-Coded Communications. <i>IEEE Transactions on Vehicular Technology</i> , <b>2014</b> , 63, 3446-3451	6.8	4



36	Cognitive Internet of Things: A New Paradigm Beyond Connection. <i>IEEE Internet of Things Journal</i> , <b>2014</b> , 1, 129-143	10.7	311
35	Low-Complexity Carrier Phase Recovery for Square M-QAM Based on S-BPS Algorithm. <i>IEEE Photonics Technology Letters</i> , <b>2014</b> , 26, 1863-1866	2.2	11
34	On a Mathematical Model for Low-Rate Shrew DDoS. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2014</b> , 9, 1069-1083	8	65
33	HTTP-SoLDiER: An HTTP-flooding attack detection scheme with the large deviation principle. <i>Science China Information Sciences</i> , <b>2014</b> , 57, 1-15	3.4	4
32	Optimal pilots design for frequency offsets and channel estimation in OFDM modulated single frequency networks. <i>Science China Information Sciences</i> , <b>2014</b> , 57, 1-12	3.4	1
31	Does amplify-and-forward cooperative relay improve OFDM/OFDMA ergodic capacity?. <i>China Communications</i> , <b>2014</b> , 11, 83-89	3	5
30	40Gbps double-sided multiband OFDM-PON based on polarization interleaving and direct detection <b>2014</b> ,		1
29	Efficient secondary access with intelligent spectrum sensing in cognitive radio networks. <i>International Journal of Communication Systems</i> , <b>2014</b> , 27, 4226-4248	1.7	4
28	Modulation-format-independent blind phase search algorithm for coherent optical square M-QAM systems. <i>Optics Express</i> , <b>2014</b> , 22, 24044-54	3.3	23
27	On Swarm Intelligence Inspired Self-Organized Networking: Its Bionic Mechanisms, Designing Principles and Optimization Approaches. <i>IEEE Communications Surveys and Tutorials</i> , <b>2014</b> , 16, 513-537	37.1	138
26	Simple and Robust Chromatic Dispersion Estimation for RGI-CO-OFDM Systems. <i>IEEE Photonics Technology Letters</i> , <b>2013</b> , 25, 1222-1225	2.2	
25	Partial Relay Selection With Fixed-Gain Relays and Outdated CSI in Underlay Cognitive Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2013</b> , 62, 4696-4701	6.8	59
24	Self-organization paradigms and optimization approaches for cognitive radio technologies: a survey. <i>IEEE Wireless Communications</i> , <b>2013</b> , 20, 36-42	13.4	119
23	Efficient Joint Carrier Frequency Offset and Phase Noise Compensation Scheme for High-Speed Coherent Optical OFDM Systems. <i>Journal of Lightwave Technology</i> , <b>2013</b> , 31, 1755-1761	4	16
22	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2012</b> , 61, 1719-1729	6.8	44
21	Spray and forward: Efficient routing based on the Markov location prediction model for DTNs. <i>Science China Information Sciences</i> , <b>2012</b> , 55, 433-440	3.4	12
20	Cost Efficient Fault Tolerant Design in Mesh Optical Networks with the Load Aware Method. <i>Journal of Network and Systems Management</i> , <b>2012</b> , 20, 56-75	2.1	0
19	Advanced in Optical Network Control and Management. <i>Journal of Network and Systems Management</i> , <b>2012</b> , 20, 1-4	2.1	1

18	KnightR tour-based fast fault localization mechanism in mesh optical communication networks. <i>Photonic Network Communications</i> , <b>2012</b> , 23, 123-129	1.7	1
17	An enhanced backward recursive PCE-based computation scheme for end-to-end disjoint paths in multi-domain networks. <i>Photonic Network Communications</i> , <b>2012</b> , 24, 22-28	1.7	4
16	A distributed backoff-channel deflection algorithm with load balancing for optical burst switching networks. <i>Photonic Network Communications</i> , <b>2012</b> , 24, 39-46	1.7	1
15	A simple and efficient frequency offset estimation algorithm for high-speed coherent optical OFDM systems. <i>Optics Express</i> , <b>2012</b> , 20, 7350-61	3.3	25
14	A novel authentication protocol enabling RFID tags ownership transfer <b>2012</b> ,		3
13	A novel segment-shared protection algorithm based on dynamic domain-sequencing scheme for multi-domain optical mesh networks. <i>Photonic Network Communications</i> , <b>2011</b> , 22, 276-287	1.7	4
12	Traffic dynamics on layered complex networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2011</b> , 390, 2401-2407	3.3	48
11	Local segment-shared protection based on source egress gateway selection for multi-domain optical mesh networks. <i>Science China Information Sciences</i> , <b>2011</b> , 54, 227-235	3.4	1
10	A novel radio resource allocation scheme for IEEE 802.16e multicell networks. <i>Science China Information Sciences</i> , <b>2011</b> , 54, 1444-1455	3.4	1
9	A new proportional differentiation scheme based on batch scheduling for optical burst switching networks. <i>Photonic Network Communications</i> , <b>2009</b> , 18, 49-54	1.7	
8	Modeling Channel Access Delay and Jitter of IEEE 802.11 DCF. <i>Wireless Personal Communications</i> , <b>2008</b> , 47, 417-440	1.9	14
7	Comments on "High-Throughput, High-Performance OFDM via Pseudo-Orthogonal Carrier Interferometry Spreading Codes. <i>IEEE Transactions on Communications</i> , <b>2007</b> , 55, 232-234	6.9	3
6	A stable rate-based algorithm for active queue management. <i>Computer Communications</i> , <b>2005</b> , 28, 1731-1740	3.7	10
5	Complex efficient carrier frequency offset estimation algorithm in OFDM systems. <i>IEEE Transactions on Broadcasting</i> , <b>2004</b> , 50, 159-164	4.7	11
4	IEEE 802.11 Distributed Coordination Function: Enhancement and analysis. <i>Journal of Computer Science and Technology</i> , <b>2003</b> , 18, 607-614	1.7	11
3	Quantitative adaptive RED in differentiated service networks. <i>Journal of Computer Science and Technology</i> , <b>2003</b> , 18, 223-229	1.7	0
2	Allocating network resources by weight between TCP traffics. <i>Journal of Computer Science and Technology</i> , <b>2003</b> , 18, 247-251	1.7	
1	An effective feedback control mechanism for DiffServ architecture. <i>Journal of Computer Science and Technology</i> , <b>2002</b> , 17, 420-431	1.7	1

