

George K Karagiannidis

List of Publications by Year in Descending Order

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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.

500
papers

16,839
citations

62
h-index

112
g-index

569
ext. papers

20,868
ext. citations

5.6
avg, IF

7.38
L-index

#	Paper	IF	Citations
500	Distributed Machine Learning for Multiuser Mobile Edge Computing Systems. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2022 , 1-1	7.5	11
499	Resource Allocation in Terrestrial-Satellite based Next Generation Multiple Access Networks with Interference Cooperation. <i>IEEE Journal on Selected Areas in Communications</i> , 2022 , 1-1	14.2	2
498	On the Performance of Uplink Rate-Splitting Multiple Access. <i>IEEE Communications Letters</i> , 2022 , 1-1	3.8	9
497	Optimization of Grant-Free NOMA with Multiple Configured-Grants for mMURLLC. <i>IEEE Journal on Selected Areas in Communications</i> , 2022 , 1-1	14.2	2
496	Energy-Aware Optimization of Zero-Energy Device Networks. <i>IEEE Communications Letters</i> , 2022 , 1-1	3.8	1
495	Channel Modeling for In-Body Optical Wireless Communications. <i>Telecom</i> , 2022 , 3, 136-149	1.8	1
494	Towards Optimally Efficient Search with Deep Learning for Large-Scale MIMO Systems. <i>IEEE Transactions on Communications</i> , 2022 , 1-1	6.9	5
493	On the Distribution of the Sum of Double-Nakagami-m Random Vectors and Application in Randomly Reconfigurable Surfaces. <i>IEEE Transactions on Vehicular Technology</i> , 2022 , 1-1	6.8	6
492	Learning to Optimize Resource Assignment for Task Offloading in Mobile Edge Computing. <i>IEEE Communications Letters</i> , 2022 , 1-1	3.8	4
491	Learning-Aided UAV 3D Placement and Power Allocation for Sum-Capacity Enhancement under Varying Altitudes. <i>IEEE Communications Letters</i> , 2022 , 1-1	3.8	5
490	Edge Caching and Computing for Wireless Networks. <i>Wireless Communications and Mobile Computing</i> , 2022 , 2022, 1-2	1.9	
489	A State-of-the-Art Survey on Reconfigurable Intelligent Surface-Assisted Non-Orthogonal Multiple Access Networks. <i>Proceedings of the IEEE</i> , 2022 , 1-22	14.3	6
488	System Optimization of Federated Learning Networks with A Constrained Latency. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1	6.8	7
487	Machine Learning in Beyond 5G/6G Networks: State-of-the-Art and Future Trends. <i>Electronics (Switzerland)</i> , 2021 , 10, 2786	2.6	8
486	Synergetic UAV-RIS Communication with Highly Directional Transmission. <i>IEEE Wireless Communications Letters</i> , 2021 , 1-1	5.9	3
485	Secure Mobile Edge Computing Networks in the Presence of Multiple Eavesdroppers. <i>IEEE Transactions on Communications</i> , 2021 , 1-1	6.9	13
484	Wireless Federated Learning (WFL) for 6G Networks - Part II: The Compute-then-Transmit NOMA Paradigm. <i>IEEE Communications Letters</i> , 2021 , 1-1	3.8	3

483	. <i>IEEE Access</i> , 2021 , 9, 137543-137559	3.5	1
482	Wireless Federated Learning (WFL) for 6G Networks - Part I: Research Challenges and Future Trends. <i>IEEE Communications Letters</i> , 2021 , 1-1	3.8	5
481	Optimization of Ultra-Dense Wireless Powered Networks. <i>Sensors</i> , 2021 , 21,	3.8	4
480	Performance Analysis of Distributed Uplink NOMA. <i>IEEE Communications Letters</i> , 2021 , 25, 788-792	3.8	4
479	Dynamic Offloading for Multiuser Multi-CAP MEC Networks: A Deep Reinforcement Learning Approach. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 2922-2927	6.8	38
478	Machine Learning in Nano-Scale Biomedical Engineering. <i>IEEE Transactions on Molecular, Biological, and Multi-Scale Communications</i> , 2021 , 7, 10-39	2.3	8
477	Cooperative Hybrid VLC/RF Systems With SLIPT. <i>IEEE Transactions on Communications</i> , 2021 , 69, 2532-2545	6.5	8
476	. <i>IEEE Transactions on Communications</i> , 2021 , 69, 2191-2206	6.9	11
475	Learning-Based Signal Detection for MIMO Systems With Unknown Noise Statistics. <i>IEEE Transactions on Communications</i> , 2021 , 69, 3025-3038	6.9	29
474	Information Theoretic Analysis and Performance Gains of 3-Color Shift Keying. <i>IEEE Communications Letters</i> , 2021 , 25, 1596-1599	3.8	
473	Pareto-Optimal Resource Allocation in Decentralized Wireless Powered Networks. <i>IEEE Transactions on Communications</i> , 2021 , 69, 1007-1020	6.9	3
472	Opportunistic Access Point Selection for Mobile Edge Computing Networks. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 695-709	9.6	22
471	Performance Analysis of Coherent and Noncoherent Modulation Under I/Q Imbalance Effects. <i>IEEE Access</i> , 2021 , 9, 36125-36139	3.5	3
470	Analyzing Grant-Free Access for URLLC Service. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 741-755	14.2	31
469	Hybrid Lightwave/RF Connectivity for 6G Wireless Networks. <i>Computer Communications and Networks</i> , 2021 , 169-186	0.5	
468	Optimal Design and Orchestration of Mobile Edge Computing with Energy Awareness. <i>IEEE Transactions on Sustainable Computing</i> , 2021 , 1-1	3.5	1
467	. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	7
466	Hierarchical Multiple Access (HiMA) for Fog-RAN: Protocol Design and Resource Allocation. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	

465	When Buffer-Aided Relaying Meets Full Duplex and NOMA. <i>IEEE Wireless Communications</i> , 2021 , 28, 68-73,4	9
464	On the Average Harvested Energy of Directive Lightwave Power Transfer (DLPT). <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 1508-1512	5.9
463	Non-Orthogonal Multiple Access (NOMA) with Multiple Intelligent Reflecting Surfaces. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6 8
462	All-Optical Cochlear Implants. <i>IEEE Transactions on Molecular, Biological, and Multi-Scale Communications</i> , 2020 , 6, 13-24	2.3 5
461	UAV-to-Ground Communications: Channel Modeling and UAV Selection. <i>IEEE Transactions on Communications</i> , 2020 , 68, 5135-5144	6.9 48
460	Integrating Broadcasting and NOMA in Full-Duplex Buffer-Aided Opportunistic Relay Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 9157-9162	6.8 15
459	Outage Performance of Uplink NOMA in Land Mobile Satellite Communications. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 1710-1714	5.9 14
458	Non-Orthogonal Multiple Access in the Presence of Phase Noise. <i>IEEE Communications Letters</i> , 2020 , 24, 1133-1137	3.8 7
457	A MIMO Detector With Deep Learning in the Presence of Correlated Interference. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 4492-4497	6.8 23
456	Internet of Things (IoT) and Agricultural Unmanned Aerial Vehicles (UAVs) in smart farming: A comprehensive review. <i>Internet of Things (Netherlands)</i> , 2020 , 100187	6.9 141
455	Statistical Modeling of the FSO Fronthaul Channel for UAV-Based Communications. <i>IEEE Transactions on Communications</i> , 2020 , 68, 3720-3736	6.9 32
454	Effective Capacity Analysis Over Generalized Composite Fading Channels. <i>IEEE Access</i> , 2020 , 8, 123756-123764,11	3.3 11
453	Slotted ALOHA With NOMA for the Next Generation IoT. <i>IEEE Transactions on Communications</i> , 2020 , 68, 6289-6301	6.9 29
452	Deep Learning Based Radio Resource Management in NOMA Networks: User Association, Subchannel and Power Allocation. <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 7, 2406-2415	4.9 22
451	On the Effect of Interference and Misalignment Error in Mixed RF/FSO Systems Over Generalized Fading Channels. <i>IEEE Transactions on Communications</i> , 2020 , 68, 3681-3695	6.9 19
450	Interference Control for Railway Wireless Communication Systems: Techniques, Challenges, and Trends. <i>IEEE Vehicular Technology Magazine</i> , 2020 , 15, 51-58	9.9 2
449	A Novel Cross Entropy Approach for Offloading Learning in Mobile Edge Computing. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 402-405	5.9 16
448	Buffer-Aided Secure Relay Networks With SWIPT. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 6485-6499	6.8 7

447	Closed-Form Analysis for NOMA With Randomly Deployed Users in Generalized Fading. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 1253-1257	5.9	10
446	Energy Efficient Resource Management in SWIPT Enabled Heterogeneous Networks With NOMA. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 835-845	9.6	56
445	Hybrid Lightwave/RF Cooperative NOMA Networks. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 1154-1166	9.6	14
444	Signal Detection and Optimal Antenna Selection for Ambient Backscatter Communications With Multi-Antenna Tags. <i>IEEE Transactions on Communications</i> , 2020 , 68, 466-479	6.9	15
443	. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2020 , 6, 352-365	6.6	21
442	Level Crossing Rate and Average Fade Duration in \mathcal{F} Composite Fading Channels. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 281-284	5.9	12
441	Optimal Resource Allocation for Delay Minimization in NOMA-MEC Networks. <i>IEEE Transactions on Communications</i> , 2020 , 68, 7867-7881	6.9	43
440	Mixed RF-VLC Relaying Systems for Interference-Sensitive Mobile Applications. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 11099-11111	6.8	7
439	Robust Tomlinson-Harashima Precoding for Two-Way Relaying. <i>Wireless Personal Communications</i> , 2020 , 115, 1401-1413	1.9	1
438	Game Theoretic Honey-pot Deployment in Smart Grid. <i>Sensors</i> , 2020 , 20,	3.8	5
437	Throughput Maximization in Buffer-aided Wireless-Powered NOMA Networks 2020 ,		2
436	Energy-Efficient Resource Allocation and Trajectory Design for UAV Relaying Systems. <i>IEEE Transactions on Communications</i> , 2020 , 68, 6483-6498	6.9	20
435	Electrical vs Optical Cell Stimulation: A Communication Perspective. <i>IEEE Access</i> , 2020 , 8, 192259-192269	3.5	1
434	IEEE Access Special Section Editorial: Advances in Statistical Channel Modeling for Future Wireless Communications Networks. <i>IEEE Access</i> , 2020 , 8, 160325-160328	3.5	
433	Resource Allocation in Buffer-Aided Cooperative Non-Orthogonal Multiple Access Systems. <i>IEEE Transactions on Communications</i> , 2020 , 68, 7429-7445	6.9	8
432	New Tight Bounds for the Gaussian Q-Function and Applications. <i>IEEE Access</i> , 2020 , 8, 145037-145055	3.5	8
431	AnciNet: An Efficient Deep Learning Approach for Feedback Compression of Estimated CSI in Massive MIMO Systems. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 2192-2196	5.9	15
430	3D Non-Stationary Wideband Tunnel Channel Models for 5G High-Speed Train Wireless Communications. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 21, 259-272	6.1	22

429	Performance Analysis of Precoded Wireless OFDM With Carrier Frequency Offset. <i>IEEE Systems Journal</i> , 2020 , 14, 2237-2248	4.3	9
428	. <i>IEEE Vehicular Technology Magazine</i> , 2019 , 14, 56-63	9.9	16
427	Ultra-Small Cell Networks With Collaborative RF and Lightwave Power Transfer. <i>IEEE Transactions on Communications</i> , 2019 , 67, 6243-6255	6.9	16
426	Energy-Efficient Resource Allocation in Multicarrier NOMA Systems With Fairness. <i>IEEE Transactions on Communications</i> , 2019 , 67, 8639-8654	6.9	29
425	3-Color Shift Keying for Indoor Visible Light Communications. <i>IEEE Communications Letters</i> , 2019 , 23, 2271-2274	3.8	4
424	An Energy Efficient Modulation Scheme for Body-Centric Terahertz (THz) Nanonetworks. <i>Technologies</i> , 2019 , 7, 14	2.4	3
423	Hybrid NOMA/OMA With Buffer-Aided Relay Selection in Cooperative Networks. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2019 , 13, 524-537	7.5	37
422	Distributed Sequential Coalition Formation Algorithm for Spectrum Allocation in Underlay Cognitive Radio Networks. <i>IEEE Access</i> , 2019 , 7, 56803-56816	3.5	8
421	Introduction to the Issue on Signal Processing Advances for Non-Orthogonal Multiple Access in Next Generation Wireless Networks. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2019 , 13, 388-391	7.5	1
420	Toward Efficient Integration of Information and Energy Reception. <i>IEEE Transactions on Communications</i> , 2019 , 67, 6572-6585	6.9	7
419	Secure Communications for Multi-Tag Backscatter Systems. <i>IEEE Wireless Communications Letters</i> , 2019 , 8, 1146-1149	5.9	27
418	Direct Bit Loading With Reduced Complexity and Overhead for Precoded OFDM Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 7169-7173	6.8	10
417	Energy-Efficient Device Discovery in D2D Cellular Networks for Public Safety Scenario. <i>IEEE Systems Journal</i> , 2019 , 13, 2716-2719	4.3	30
416	Simultaneous Lightwave Information and Power Transfer: Policies, Techniques, and Future Directions. <i>IEEE Access</i> , 2019 , 7, 28250-28257	3.5	33
415	Entropy and Energy Detection-Based Spectrum Sensing Over \mathcal{F} -Composite Fading Channels. <i>IEEE Transactions on Communications</i> , 2019 , 67, 4641-4653	6.9	23
414	Spectrum Allocation and Power Control in Full-Duplex Ultra-Dense Heterogeneous Networks. <i>IEEE Transactions on Communications</i> , 2019 , 67, 4365-4380	6.9	18
413	User Grouping for Hybrid VLC/RF Networks With NOMA: A Coalitional Game Approach. <i>IEEE Access</i> , 2019 , 7, 103299-103309	3.5	19
412	. <i>IEEE Transactions on Communications</i> , 2019 , 67, 7672-7685	6.9	56

411	Shadowed FSO/mmWave Systems With Interference. <i>IEEE Transactions on Communications</i> , 2019 , 67, 6256-6267	6.9	10
410	Buffer-Aided Relaying for Downlink NOMA Systems with Direct Links 2019 ,		6
409	6G Wireless Networks: Vision, Requirements, Architecture, and Key Technologies. <i>IEEE Vehicular Technology Magazine</i> , 2019 , 14, 28-41	9.9	577
408	On the Gain of NOMA in Wireless Powered Networks With Circuit Power Consumption. <i>IEEE Communications Letters</i> , 2019 , 23, 1657-1660	3.8	5
407	A Unified Spatial Framework for UAV-Aided MmWave Networks. <i>IEEE Transactions on Communications</i> , 2019 , 67, 8801-8817	6.9	46
406	Effective Rate over F Composite Fading Channels 2019 ,		2
405	Optical wireless cochlear implants. <i>Biomedical Optics Express</i> , 2019 , 10, 707-730	3.5	14
404	Ground-to-air FSO communications: when high data rate communication meets efficient energy harvesting with simple designs. <i>Optics Express</i> , 2019 , 27, 34079-34092	3.3	11
403	A Survey on Ultraviolet C-Band (UV-C) Communications. <i>IEEE Communications Surveys and Tutorials</i> , 2019 , 21, 2111-2133	37.1	58
402	A Comprehensive Analysis of the Achievable Channel Capacity in F Composite Fading Channels. <i>IEEE Access</i> , 2019 , 7, 34078-34094	3.5	36
401	Low complexity decoding of Reed-Solomon codes over magnetic recording channels. <i>Electronics Letters</i> , 2019 , 55, 159-161	1.1	
400	Optimal Task Partition and Power Allocation for Mobile Edge Computing with NOMA 2019 ,		7
399	Physical Layer Security For Dual-hop SWIPT-Enabled CR Networks 2019 ,		5
398	Energy Efficient Power and Subcarrier Allocation for Downlink Non-Orthogonal Multiple Access Systems 2019 ,		3
397	Simultaneous Lightwave Information and Power Transfer in Underwater Visible Light Communications 2019 ,		7
396	Cooperative Energy Harvesting Cognitive Radio Networks With Spectrum Sharing and Security Constraints. <i>IEEE Access</i> , 2019 , 7, 173329-173343	3.5	11
395	Backscatter Communications Over Correlated Nakagami- m Fading Channels. <i>IEEE Transactions on Communications</i> , 2019 , 67, 1693-1704	6.9	14
394	Noncoherent Detection With Polar Codes. <i>IEEE Access</i> , 2019 , 7, 6362-6372	3.5	3

393	Distributed Secure Switch-and-Stay Combining Over Correlated Fading Channels. <i>IEEE Transactions on Information Forensics and Security</i> , 2019 , 14, 2088-2101	8	39
392	The \mathbb{H} Inverse Gamma and \mathbb{H} Inverse Gamma Composite Fading Models: Fundamental Statistics and Empirical Validation. <i>IEEE Transactions on Communications</i> , 2019 , 1-1	6.9	22
391	Energy Detection in Full-Duplex Systems With Residual RF Impairments Over Fading Channels. <i>IEEE Wireless Communications Letters</i> , 2018 , 7, 246-249	5.9	17
390	Low-Complexity Buffer-Aided Link Selection With Outdated CSI and Feedback Errors. <i>IEEE Transactions on Communications</i> , 2018 , 66, 3694-3706	6.9	18
389	On the Capacity of Wireless Powered Communication Systems Over Rician Fading Channels. <i>IEEE Transactions on Communications</i> , 2018 , 66, 404-417	6.9	24
388	Secure Communications in NOMA System: Subcarrier Assignment and Power Allocation. <i>IEEE Journal on Selected Areas in Communications</i> , 2018 , 36, 1441-1452	14.2	80
387	A Feasibility Study on Network NOMA. <i>IEEE Transactions on Communications</i> , 2018 , 66, 4303-4317	6.9	19
386	Coverage Performance of NOMA in Wireless Caching Networks. <i>IEEE Communications Letters</i> , 2018 , 22, 1458-1461	3.8	20
385	Performance Analysis of Non-Orthogonal Multiple Access Under I/Q Imbalance. <i>IEEE Access</i> , 2018 , 6, 18453-18468	3.5	25
384	Dual Relay Selection for Cooperative NOMA With Distributed Space Time Coding. <i>IEEE Access</i> , 2018 , 6, 20440-20450	3.5	29
383	Optical Adaptive Precoding for Visible Light Communications. <i>IEEE Access</i> , 2018 , 6, 22121-22130	3.5	16
382	Simultaneous Lightwave Information and Power Transfer (SLIPT). <i>IEEE Transactions on Green Communications and Networking</i> , 2018 , 2, 764-773	4	59
381	Optimal detector design for molecular communication systems using an improved swarm intelligence algorithm. <i>Micro and Nano Letters</i> , 2018 , 13, 383-388	0.9	6
380	Resource Allocation in NOMA-Based Fog Radio Access Networks. <i>IEEE Wireless Communications</i> , 2018 , 25, 110-115	13.4	66
379	Ergodic Capacity Analysis of Wireless Transmission over Generalized Multipath/Shadowing Channels 2018 ,		4
378	Performance Analysis of Single Carrier Coherent and Noncoherent Modulation under I/Q Imbalance 2018 ,		3
377	Optical Asymmetric Modulation for VLC Systems - Invited Paper 2018 ,		5
376	Energy Efficient Resource Allocation for Secure NOMA Networks 2018 ,		5

375	Power Control in Full-Duplex Ultra-Dense Heterogeneous Networks 2018,		2
374	On the Application of NOMA to Wireless Caching 2018,		8
373	Error performance of power line communications in the presence of Nakagami-m background noise. <i>Transactions on Emerging Telecommunications Technologies</i> , 2018 , 29, e3475	1.9	1
372	Channel Modeling of In-Vivo THz Nanonetworks: State-of-the-Art and Research Challenges. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2018 , 50-57	0.2	
371	Optimal Simultaneous Wireless Information and Power Transfer with Low-Complexity Receivers 2018,		2
370	Li-Fi and Wi-Fi with common backhaul: Coordination and resource allocation 2018,		15
369	Non-orthogonal multiple access for FSO backhauling 2018,		21
368	Error analysis of wireless transmission over generalized multipath/shadowing channels 2018,		6
367	An energy efficient modulation scheme for body-centric nano-communications in the THz band 2018,		5
366	On the impact of misalignment fading in transdermal optical wireless communications 2018,		4
365	Outage probability of single carrier NOMA systems under I/Q imbalance 2018,		2
364	Power Adaptation in Buffer-Aided Full-Duplex Relay Networks With Statistical CSI. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 7846-7850	6.8	16
363	. <i>IEEE Transactions on Communications</i> , 2018 , 66, 4854-4876	6.9	62
362	Airborne Radio Access Networks with Simultaneous Lightwave Information and Power Transfer (SLIPT) 2018,		12
361	2018,		9
360	Stackelberg Game-Based Energy Efficient Power Allocation for Heterogeneous NOMA Networks 2018,		5
359	Energy-Efficient Resource Allocation in NOMA Heterogeneous Networks with Energy Harvesting 2018,		9
358	Signal Quality Assessment for Transdermal Optical Wireless Communications under Pointing Errors. <i>Technologies</i> , 2018 , 6, 109	2.4	11

357	Wireless Information and Power Transfer in Relaying Systems 2018 , 157-179		
356	Realizing 5G vision through Cloud RAN: technologies, challenges, and trends. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2018 , 2018,	3.2	22
355	A Unified Spatial Framework for Clustered UAV Networks Based on Stochastic Geometry 2018 ,		10
354	. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 12373-12378	6.8	62
353	Secure Probabilistic Caching for Stochastic Multi-User Multi-Relay Networks 2018 ,		1
352	Effective Rate of MISO Systems Over Fisher-Bnedecor \mathcal{F} Fading Channels. <i>IEEE Communications Letters</i> , 2018 , 22, 2619-2622	3.8	30
351	5G MmWave Small Cell Networks: Architecture, Self-Organization, and Management. <i>IEEE Wireless Communications</i> , 2018 , 25, 8-9	13.4	6
350	Statistical Modeling of FSO Fronthaul Channel for Drone-Based Networks 2018 ,		25
349	Multi-Objective Optimization in 5G Wireless Networks With Massive MIMO. <i>IEEE Communications Letters</i> , 2018 , 22, 2346-2349	3.8	17
348	Outage Performance of Transdermal Optical Wireless Links in the Presence of Pointing Errors 2018 ,		6
347	Multiple Access for Visible Light Communications: Research Challenges and Future Trends. <i>IEEE Access</i> , 2018 , 6, 26167-26174	3.5	43
346	Capacity analysis under generalized composite fading conditions 2018 ,		7
345	Outage probability of multi-carrier NOMA systems under joint I/Q imbalance 2018 ,		2
344	Free space optical communications with distributed switch-and-stay combining. <i>IET Communications</i> , 2018 , 12, 727-735	1.3	3
343	Spectrum Sensing in Full-Duplex Cognitive Radio Networks Under Hardware Imperfections. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 2072-2084	6.8	33
342	. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 7495-7505	6.8	58
341	On the Optimal Tone Spacing for Interference Mitigation in OFDM-IM Systems. <i>IEEE Communications Letters</i> , 2017 , 21, 1019-1022	3.8	6
340	Maximizing Proportional Fairness in Wireless Powered Communications. <i>IEEE Wireless Communications Letters</i> , 2017 , 6, 202-205	5.9	36

339	Performance of free-space optical communications over a mixture composite irradiance channel. <i>Electronics Letters</i> , 2017 , 53, 260-262	1.1	10
338	Secrecy Cooperative Networks With Outdated Relay Selection Over Correlated Fading Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 7599-7603	6.8	168
337	Joint Downlink/Uplink Design for Wireless Powered Networks With Interference. <i>IEEE Access</i> , 2017 , 5, 1534-1547	3.5	45
336	Guest Editorial Spectrum Sharing and Aggregation for Future Wireless Networks, Part III. <i>IEEE Journal on Selected Areas in Communications</i> , 2017 , 35, 1-5	14.2	4
335	The Fisher-Bnedecor \mathcal{F} Distribution: A Simple and Accurate Composite Fading Model. <i>IEEE Communications Letters</i> , 2017 , 21, 1661-1664	3.8	100
334	Secure Multiple Amplify-and-Forward Relaying Over Correlated Fading Channels. <i>IEEE Transactions on Communications</i> , 2017 , 65, 2811-2820	6.9	129
333	Hybrid teaching-learning optimization of wireless sensor networks. <i>Transactions on Emerging Telecommunications Technologies</i> , 2017 , 28, e3194	1.9	6
332	Dimension Boundary Between Finite and Infinite Random Matrices in Cognitive Radio Networks. <i>IEEE Communications Letters</i> , 2017 , 21, 1707-1710	3.8	1
331	. <i>IEEE Journal on Selected Areas in Communications</i> , 2017 , 35, 1425-1431	14.2	18
330	Outage Performance of the Mixed RF/FSO Relaying Channel in the Presence of Interference. <i>Wireless Personal Communications</i> , 2017 , 96, 2999-3014	1.9	17
329	Performance of SIM-MDPSK FSO Systems With Hardware Imperfections. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 5442-5451	9.6	5
328	Non-Orthogonal Multiple Access for Cooperative Multicast Millimeter Wave Wireless Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2017 , 35, 1794-1808	14.2	38
327	Evolutionary design of a dual band E-shaped patch antenna for 5G mobile communications 2017 ,		15
326	Beamforming Optimization for Full-Duplex Wireless-Powered MIMO Systems. <i>IEEE Transactions on Communications</i> , 2017 , 65, 3750-3764	6.9	24
325	Data aggregate point placement for smart grid with joint consideration of communication and power networks 2017 ,		3
324	Full-Duplex Regenerative Relaying and Energy-Efficiency Optimization Over Generalized Asymmetric Fading Channels. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 3232-3251	9.6	11
323	On the Uplink Sum Rate of SCMA System With Randomly Deployed Users. <i>IEEE Wireless Communications Letters</i> , 2017 , 6, 338-341	5.9	11
322	Carrier Aggregation for Cooperative Cognitive Radio Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 5904-5918	6.8	13

321	Another Look in the Analysis of Cooperative Spectrum Sensing over Nakagami- m Fading Channels. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 856-871	9.6	13
320	Physical Layer Security Jamming: Theoretical Limits and Practical Designs in Wireless Networks. <i>IEEE Access</i> , 2017 , 5, 3603-3611	3.5	54
319	Robust beamforming for secrecy rate in cooperative cognitive radio multicast communications 2017 ,		1
318	Error performance of NOMA VLC systems 2017 ,		10
317	Massive Multiuser MIMO in Heterogeneous Cellular Networks With Full Duplex Small Cells. <i>IEEE Transactions on Communications</i> , 2017 , 65, 4704-4719	6.9	26
316	On the optimal timing of detection in molecular communication systems 2017 ,		8
315	LoCo Link: A low-complexity link selection algorithm for delay mitigation in asymmetric two-hop networks 2017 ,		1
314	A Survey on Non-Orthogonal Multiple Access for 5G Networks: Research Challenges and Future Trends. <i>IEEE Journal on Selected Areas in Communications</i> , 2017 , 35, 2181-2195	14.2	1219
313	On the Performance of Visible Light Communication Systems With Non-Orthogonal Multiple Access. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 6350-6364	9.6	95
312	. <i>IEEE Journal on Selected Areas in Communications</i> , 2017 , 35, 1909-1935	14.2	486
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