Zhi-guo Ding

List of Publications by Year in Descending Order

581 papers	26,953 citations	77 h-index	150 g-index
645 ext. papers	33,948 ext. citations	6.1 avg, IF	8.16 L-index

#	Paper	IF	Citations
581	Evolution of NOMA Toward Next Generation Multiple Access (NGMA) for 6G. *IEEE Journal on Selected Areas in Communications*, **2022**, 1-1	14.2	31
580	Performance Analysis of UAV-Assisted Short-Packet Cooperative Communications. *IEEE Transactions on Vehicular Technology*, **2022**, 1-1	6.8	1
579	NOMA Empowered Integrated Sensing and Communication. *IEEE Communications Letters*, **2022**, 1-1	3.8	10
578	Hybrid NOMA Offloading in Multi-User MEC Networks. *IEEE Transactions on Wireless Communications*, **2022**, 1-1	9.6	4
577	NOMA Beamforming in SDMA Networks: Riding on Existing Beams or Forming New Ones?. *IEEE Communications Letters*, **2022**, 1-1	3.8	3
576	Lightwave Power Transfer in Full-Duplex NOMA Underwater Optical Wireless Communication Systems. *IEEE Communications Letters*, **2022**, 1-1	3.8	0
575	Spectral-Energy Efficiency Trade-off based Design for Hybrid TDMA-NOMA System. *IEEE Transactions on Vehicular Technology*, **2022**, 1-1	6.8	3
574	Aerial-Terrestrial Network NOMA for Cellular-Connected UAVs. *IEEE Transactions on Vehicular Technology*, **2022**, 1-1	6.8	0
573	Aerial Computing: A New Computing Paradigm, Applications, and Challenges. *IEEE Internet of Things Journal*, **2022**, 1-1	10.7	3
572	A Wireless Power Transfer Assisted NOMA Transmission Scheme for 5G and Beyond mMTC. *IEEE Wireless Communications Letters*, **2022**, 1-1	5.9	1
571	Cooperative Hybrid Non-Orthogonal Multiple Access Based Mobile-Edge Computing in Cognitive Radio Networks. *IEEE Transactions on Cognitive Communications and Networking*, **2022**, 1-1	6.6	6
570	An SCA and Relaxation Based Energy Efficiency Optimization for Multi-User RIS-Assisted NOMA Networks. *IEEE Transactions on Vehicular Technology*, **2022**, 1-1	6.8	4
569	Secure NOMA-Based UAV-MEC Network Towards a Flying Eavesdropper. *IEEE Transactions on Communications*, **2022**, 1-1	6.9	7
568	Special Issue on Next Generation Multiple Access Part I. *IEEE Journal on Selected Areas in Communications*, **2022**, 40, 1031-1036	14.2	
567	Secrecy sum rate maximization for a MIMO-NOMA uplink transmission in 6G networks. *Physical Communication*, **2022**, 53, 101675	2.2	0
566	Guest Editorial Special Issue on Next Generation Multiple Access Part II. *IEEE Journal on Selected Areas in Communications*, **2022**, 40, 1387-1391	14.2	
565	Design of THz-NOMA in the Presence of Beam Misalignment. *IEEE Communications Letters*, **2022**, 1-1	3.8	2

564	On the Performance of Laser-Powered UAV-Assisted SWIPT Enabled Multiuser Communication Network with Hybrid NOMA. *IEEE Transactions on Communications*, **2022**, 1-1	6.9	3
563	A State-of-the-Art Survey on Reconfigurable Intelligent Surface-Assisted Non-Orthogonal Multiple Access Networks. *Proceedings of the IEEE*, **2022**, 1-22	14.3	6
562	Outage Performance of Satellite Terrestrial Full-Duplex Relaying Networks with Co-Channel Interference. *IEEE Wireless Communications Letters*, **2022**, 1-1	5.9	1
561	New Antenna Selection Schemes for Full-Duplex Cooperative MIMO-NOMA Systems. *IEEE Transactions on Communications*, **2022**, 1-1	6.9	0
560	On the Position Optimization of IRS. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	
559	Impact of Primary User Activity Statistics in Cognitive Vehicular Networks. *IEEE Transactions on Vehicular Technology*, **2021**, 1-1	6.8	2
558	Height Optimization and Resource Allocation for NOMA Enhanced UAV-Aided Relay Networks. *IEEE Transactions on Communications*, **2021**, 69, 962-975	6.9	22
557	Joint Transmit Precoding and Reflect Beamforming Design for IRS-Assisted MIMO Cognitive Radio Systems. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	4
556	Secure Beamforming Optimization for IRS-NOMA Networks via Artificial Jamming **2021**,		1
555	Achieving Covert Communication by IRS-NOMA **2021**,		3
554	Artificial Noise Aided Secure Communications for Cooperative NOMA Networks. *IEEE Transactions on Cognitive Communications and Networking*, **2021**, 1-1	6.6	
553	Deep Reinforcement Learning Based Multidimensional Resource Management for Energy Harvesting Cognitive NOMA Communications. *IEEE Transactions on Communications*, **2021**, 1-1	6.9	0
552	Joint User Grouping and Power Optimization for Secure mmWave-NOMA System. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	3
551	. *IEEE Transactions on Communications*, **2021**, 1-1	6.9	7
550	Analog Beamforming mm-Wave Two User Non-Orthogonal Multiple Access. *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*, **2021**, 66-76	0.2	0
549	On Sensing Performance of Multi-antenna Mobile Cognitive Radio conditioned on Primary User Activity Statistics. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	5
548	An HARQ Assisted Cognitive NOMA Scheme for Secure Transmission With Imperfect SIC. *IEEE Transactions on Communications*, **2021**, 69, 1930-1946	6.9	
547	Resource Allocation for NOMA-MEC Systems in Ultra-Dense Networks: A Learning Aided Mean-Field Game Approach. *IEEE Transactions on Wireless Communications*, **2021**, 20, 1487-1500	9.6	10

546	Performance Study of Cognitive Relay NOMA Networks With Dynamic Power Transmission. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 2882-2887	6.8	4
545	Application of NOMA for cellular-connected UAVs: opportunities and challenges. *Science China Information Sciences*, **2021**, 64, 1	3.4	2
544	Resource Allocation for Open-Loop Ultra-Reliable and Low-Latency Uplink Communications in Vehicular Networks. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 2590-2604	6.8	5
543	NOMA for Energy-Efficient LiFi-Enabled Bidirectional IoT Communication. *IEEE Transactions on Communications*, **2021**, 69, 1693-1706	6.9	20
542	. *IEEE Transactions on Communications*, **2021**, 69, 2692-2708	6.9	8
541	A Collaborative Task Offloading Scheme in Vehicular Edge Computing **2021**,		4
540	Semi-Grant-Free NOMA: Ergodic Rates Analysis With Random Deployed Users. *IEEE Wireless Communications Letters*, **2021**, 10, 692-695	5.9	9
539	. *IEEE Transactions on Communications*, **2021**, 69, 2191-2206	6.9	11
538	Hardware Impaired Ambient Backscatter NOMA Systems: Reliability and Security. *IEEE Transactions on Communications*, **2021**, 69, 2723-2736	6.9	94
537	DRL-Assisted Resource Allocation for NOMA-MEC Offloading with Hybrid SIC. *Entropy*, **2021**, 23,	2.8	5
536	A New Design of Hybrid SIC for Improving Transmission Robustness in Uplink NOMA. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 5083-5087	6.8	8
535	On the Performance of Downlink NOMA in Underlay Spectrum Sharing. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 4523-4540	6.8	7
534	. *IEEE Internet of Things Journal*, **2021**, 8, 8145-8158	10.7	8
533	Harvesting Devices Heterogeneous Energy Profiles and QoS Requirements in IoT: WPT-NOMA vs BAC-NOMA. *IEEE Transactions on Communications*, **2021**, 69, 2837-2850	6.9	9
532	Energy-Efficient Resource Allocation for NOMA-MEC Networks With Imperfect CSI. *IEEE Transactions on Communications*, **2021**, 69, 3436-3449	6.9	16
531	Interference Cancellation via D2D CSI Sharing for MU-MISO-NOMA System With Limited Feedback. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 4569-4584	6.8	2
530	. *IEEE Internet of Things Journal*, **2021**, 8, 7849-7862	10.7	8
529	Cross Validation Aided Approximated Message Passing Algorithm for User Identification in mMTC. *IEEE Communications Letters*, **2021**, 25, 2077-2081	3.8	1

528	GSVD-Based MIMO-NOMA Security Transmission. *IEEE Wireless Communications Letters*, **2021**, 10, 1484-1487	5.9	1
527	Towards 6G wireless communication networks: vision, enabling technologies, and new paradigm shifts. *Science China Information Sciences*, **2021**, 64, 1	3.4	264
526	. *IEEE Internet of Things Journal*, **2021**, 8, 4802-4815	10.7	2
525	Physical Layer Security in Cognitive Vehicular Networks. *IEEE Transactions on Communications*, **2021**, 69, 2557-2569	6.9	3
524	Design and Analysis of Full-Duplex Massive Antenna Array Systems Based on Wireless Power Transfer. *IEEE Transactions on Communications*, **2021**, 69, 1302-1316	6.9	2
523	Coordinated Direct and Relay Transmission With NOMA and Network Coding in Nakagami-m Fading Channels. *IEEE Transactions on Communications*, **2021**, 69, 207-222	6.9	16
522	Sparse Vector Coding-Based Multi-Carrier NOMA for In-Home Health Networks. *IEEE Journal on Selected Areas in Communications*, **2021**, 39, 325-337	14.2	22
521	Isolation Forest Wrapper Approach for Feature Selection in Software Defect Prediction. *IOP Conference Series: Materials Science and Engineering*, **2021**, 1043, 032030	0.4	
520	IRS-Assisted Massive MIMO-NOMA Networks: Exploiting Wave Polarization. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	8
519	Optimal Design and Orchestration of Mobile Edge Computing with Energy Awareness. *IEEE Transactions on Sustainable Computing*, **2021**, 1-1	3.5	1
518	Exploiting Deep Learning for Secure Transmission in an Underlay Cognitive Radio Network. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 726-741	6.8	5
517	Joint Active and Passive Beamforming Design for the IRS-Assisted MIMOME-OFDM Secure Communications. *IEEE Transactions on Vehicular Technology*, **2021**, 1-1	6.8	13
516	Advantages of NOMA for Multi-User BackCom Networks. *IEEE Communications Letters*, **2021**, 1-1	3.8	3
515	Grant-Free Random Access in Machine-Type Communication: Approaches and Challenges. *IEEE Wireless Communications*, **2021**, 1-8	13.4	3
514	Performance Analysis of NOMA in Vehicular Communications Over i.n.i.d Nakagami-m Fading Channels. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	5
513	Beamforming and Jamming Optimization for IRS-Aided Secure NOMA Networks. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	14
512	Performance Analysis of SWIPT Enabled Cooperative-NOMA in Heterogeneous Networks Using Carrier Sensing. *IEEE Transactions on Vehicular Technology*, **2021**, 1-1	6.8	5
511	Secure Content Delivery in Two-Tier Cache-Enabled mmWave Heterogeneous Networks. *IEEE Transactions on Information Forensics and Security*, **2021**, 16, 1640-1654	8	1

510	Semi-Grant-Free NOMA: A Stochastic Geometry Model. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	2
509	Downlink Multi-Carrier NOMA with Opportunistic Bandwidth Allocations. *IEEE Wireless Communications Letters*, **2021**, 1-1	5.9	2
508	Hierarchical Multiple Access (HiMA) for Fog-RAN: Protocol Design and Resource Allocation. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	
507	A New QoS-Guarantee Strategy for NOMA Assisted Semi-Grant-Free Transmission. *IEEE Transactions on Communications*, **2021**, 1-1	6.9	9
506	On the Effective Rate of NOMA in Underlay Spectrum Sharing. *IEEE Transactions on Vehicular Technology*, **2021**, 1-1	6.8	0
505	NOMA and Coded Multicasting in Cache-Aided Wireless Networks. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	
504	Robust 3D-Trajectory and Time Switching Optimization for Dual-UAV-Enabled Secure Communications. *IEEE Journal on Selected Areas in Communications*, **2021**, 1-1	14.2	8
503	Resource Allocation for Energy-Efficient NOMA System in Coordinated Multi-Point Networks. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 1577-1591	6.8	1
502	Precoder Design and Statistical Power Allocation for MIMO-NOMA via User-Assisted Simultaneous Diagonalization. *IEEE Transactions on Communications*, **2021**, 69, 929-945	6.9	5
501	A dCDD-Based Transmit Diversity Scheme for Downlink Pseudo-NOMA Systems. *IEEE Transactions on Wireless Communications*, **2021**, 20, 1217-1232	9.6	1
500	Resource Allocation and Trajectory Optimization for UAV-Enabled Multi-User Covert Communications. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 1989-1994	6.8	10
499	Power Efficient IRS-Assisted NOMA. *IEEE Transactions on Communications*, **2021**, 69, 900-913	6.9	49
498	. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 6898-6912	6.8	8
497	NOMA for Next-Generation Massive IoT: Performance Potential and Technology Directions. *IEEE Communications Magazine*, **2021**, 59, 115-121	9.1	23
496	Secure Non-Orthogonal Multiple Access: An Interference Engineering Perspective. *IEEE Network*, **2021**, 35, 278-285	11.4	15
495	Joint Optimization of Beamforming, Phase-Shifting and Power Allocation in a Multi-Cluster IRS-NOMA Network. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 7705-7717	6.8	17
494	On the Outage Performance of Network NOMA (N-NOMA) Modeled by Poisson Line Cox Point Process. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 7936-7950	6.8	1
493	On the Application of BAC-NOMA to 6G umMTC. *IEEE Communications Letters*, **2021**, 25, 2678-2682	3.8	9

492	Secrecy Analysis in NOMA Full-Duplex Relaying Networks With Artificial Jamming. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 8781-8794	6.8	3
491	Energy Harvesting and Resource Allocation for Cache-Enabled UAV Based IoT NOMA Networks. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 9625-9630	6.8	7
490	No-Pain No-Gain: DRL Assisted Optimization in Energy-Constrained CR-NOMA Networks. *IEEE Transactions on Communications*, **2021**, 69, 5917-5932	6.9	5
489	Interference-Aware NOMA for Cellular-Connected UAVs: Stochastic Geometry Analysis. *IEEE Journal on Selected Areas in Communications*, **2021**, 39, 3067-3080	14.2	4
488	Reconfigurable Intelligent Surfaces: Potentials, Applications, and Challenges for 6G Wireless Networks. *IEEE Wireless Communications*, **2021**, 1-8	13.4	17
487	Dynamic User Clustering and Optimal Power Allocation in UAV-Assisted Full-Duplex Hybrid NOMA System. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	9
486	A Joint Beamforming and Power-Splitter Optimization Technique for SWIPT in MISO-NOMA System. *IEEE Access*, **2021**, 9, 33018-33029	3.5	1
485	Covert Communication in Intelligent Reflecting Surface-Assisted NOMA Systems: Design, Analysis, and Optimization. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	17
484	Game Combined Multi-Agent Reinforcement Learning Approach for UAV Assisted Offloading. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 12888-12901	6.8	3
483	Performance of Downlink NOMA in Vehicular Communication Networks: An Analysis Based on Poisson Line Cox Point Process. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 14001-14006	6.8	7
482	Robust Non-Orthogonal Multiple Access for Aerial and Ground Users. *IEEE Transactions on Wireless Communications*, **2020**, 19, 4793-4805	9.6	11
481	On the Impact of Phase Shifting Designs on IRS-NOMA. *IEEE Wireless Communications Letters*, **2020**, 9, 1596-1600	5.9	59
480	Resource Allocation for Hybrid NOMA MEC Offloading. *IEEE Transactions on Wireless Communications*, **2020**, 19, 4964-4977	9.6	25
479	Power Optimization for Enhancing Secrecy of Cooperative User Relaying NOMA Networks. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 8008-8012	6.8	6
478	Massive MIMO-Assisted Mobile Edge Computing: Exciting Possibilities for Computation Offloading. *IEEE Vehicular Technology Magazine*, **2020**, 15, 31-38	9.9	14
477	Outage Constrained Power Efficient Design for Downlink NOMA Systems With Partial HARQ. *IEEE Transactions on Communications*, **2020**, 68, 5188-5201	6.9	12
476	Performance analysis of discrete wavelet transform for downlink non-orthogonal multiple access in 5G networks. *IET Communications*, **2020**, 14, 1666-1674	1.3	4
475	Energy Efficiency Optimization for Secure Transmission in a MIMO-NOMA System **2020**,		3

474	Mapping grid based online taxi anomalous trajectory detection. *International Journal of Systems Science*, **2020**, 51, 1589-1603	2.3	2
473	. *IEEE Internet of Things Journal*, **2020**, 7, 11157-11169	10.7	21
472	A Survey of Multi-Access Edge Computing in 5G and Beyond: Fundamentals, Technology Integration, and State-of-the-Art. *IEEE Access*, **2020**, 8, 116974-117017	3.5	241
471	. *IEEE Transactions on Wireless Communications*, **2020**, 19, 6065-6082	9.6	5
470	Adaptive Power Allocation for Uplink Non-Orthogonal Multiple Access With Semi-Grant-Free Transmission. *IEEE Wireless Communications Letters*, **2020**, 9, 1725-1729	5.9	9
469	Massive MIMO-NOMA Networks With Imperfect SIC: Design and Fairness Enhancement. *IEEE Transactions on Wireless Communications*, **2020**, 19, 6100-6115	9.6	31
468	Secrecy Energy Efficiency in Multi-Antenna SWIPT Networks With Dual-Layer PS Receivers. *IEEE Transactions on Wireless Communications*, **2020**, 19, 4290-4306	9.6	4
467	A Novel Probabilistic Buffer-Aided Relay Selection Scheme in Cooperative Networks. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 4548-4552	6.8	10
466	Multi-Antenna Two-Way Relay Based Cooperative NOMA. *IEEE Transactions on Wireless Communications*, **2020**, 19, 6486-6503	9.6	11
465	Full-Duplex Non-Orthogonal Multiple Access Cooperative Spectrum-Sharing Networks With Non-Linear Energy Harvesting. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 10925-10936	6.8	13
464	. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 12286-12290	6.8	78
463	Security Provisioning for Non-Orthogonal Multiple Access Networks With Limited Feedback. *IEEE Wireless Communications Letters*, **2020**, 9, 1226-1229	5.9	1
462	Secure Transmission via Power Allocation in NOMA-UAV Networks With Circular Trajectory. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 10033-10045	6.8	14
461	A Simple Design of IRS-NOMA Transmission. *IEEE Communications Letters*, **2020**, 24, 1119-1123	3.8	158
460	Secure Outage Analysis for Cooperative NOMA Systems With Antenna Selection. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 4503-4507	6.8	8
459	On Optimal Beamforming Design for Downlink MISO NOMA Systems. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 3008-3020	6.8	13
458	Security Enhancement Using a Novel Two-Slot Cooperative NOMA Scheme. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 3470-3475	6.8	11
457	Network NOMA for Co-existence of Aerial and Terrestrial Users **2020**,		1

456	. *IEEE Wireless Communications Letters*, **2020**, 9, 1538-1542	5.9	49
455	Secure Transmission Design in HARQ Assisted Cognitive NOMA Networks. *IEEE Transactions on Information Forensics and Security*, **2020**, 15, 2528-2541	8	32
454	Deep Learning-Based Sum Data Rate and Energy Efficiency Optimization for MIMO-NOMA Systems. *IEEE Transactions on Wireless Communications*, **2020**, 19, 5373-5388	9.6	22
453	Efficient Beamforming Design for Cellular Networks with Energy-Constrained Devices **2020**, 381-390		
452	Security in NOMA. *SpringerBriefs in Computer Science*, **2020**, 67-87	0.4	
451	What Is NOMA?. *SpringerBriefs in Computer Science*, **2020**, 7-12	0.4	0
450	Compatibility in NOMA. *SpringerBriefs in Computer Science*, **2020**, 15-44	0.4	
449	Sustainability of NOMA. *SpringerBriefs in Computer Science*, **2020**, 45-65	0.4	
448	Full-Duplex Non-Orthogonal Multiple Access Systems **2020**, 181-218		
447	UAV-Enabled NOMA Networks Analysis With Selective Incremental Relaying and Imperfect CSI. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 16276-16281	6.8	2
446	Application of GSVD-based precoding in MIMO-NOMA relaying systems. *IET Communications*, **2020**, 14, 3802-3812	1.3	
445	Full-Duplex Cooperative NOMA Relaying Systems With I/Q Imbalance and Imperfect SIC. *IEEE Wireless Communications Letters*, **2020**, 9, 17-20	5.9	76
444	A Meta-Learning Framework for Learning Multi-User Preferences in QoE Optimization of DASH. *IEEE Transactions on Circuits and Systems for Video Technology*, **2020**, 30, 3210-3225	6.4	2
443	Non-Orthogonal Multiple Access for Massive Connectivity. *SpringerBriefs in Computer Science*, **2020**,	0.4	10
442	. *IEEE Vehicular Technology Magazine*, **2020**, 15, 46-53	9.9	
441	Residual Transceiver Hardware Impairments on Cooperative NOMA Networks. *IEEE Transactions on Wireless Communications*, **2020**, 19, 680-695	9.6	135
440	Secrecy-Enhancing Design for Cooperative Downlink and Uplink NOMA With an Untrusted Relay. *IEEE Transactions on Communications*, **2020**, 68, 1698-1715	6.9	41
439	Deep Reinforcement Learning for UAV Navigation Through Massive MIMO Technique. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 1117-1121	6.8	43

438	Massive MIMO-NOMA Networks With Successive Sub-Array Activation. *IEEE Transactions on Wireless Communications*, **2020**, 19, 1622-1635	9.6	6
437	Uplink Precoding Optimization for NOMA Cellular-Connected UAV Networks. *IEEE Transactions on Communications*, **2020**, 68, 1271-1283	6.9	26
436	Robust Beamforming Design for OTFS-NOMA. *IEEE Open Journal of the Communications Society*, **2020**, 1, 33-40	6.7	10
435	Joint resource allocation for hybrid NOMA-assisted MEC in 6G networks. *Digital Communications and Networks*, **2020**, 6, 241-252	5.9	10
434	Optimal Resource Allocation for Delay Minimization in NOMA-MEC Networks. *IEEE Transactions on Communications*, **2020**, 68, 7867-7881	6.9	43
433	Adaptive UAV-Trajectory Optimization Under Quality of Service Constraints: A Model-Free Solution. *IEEE Access*, **2020**, 8, 112253-112265	3.5	20
432	. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 11112-11127	6.8	5
431	Spectral-Energy Efficiency Trade-Off-Based Beamforming Design for MISO Non-Orthogonal Multiple Access Systems. *IEEE Transactions on Wireless Communications*, **2020**, 19, 6593-6606	9.6	12
430	Impact of Receiver Orientation on Full-Duplex Relay Aided NOMA Underwater Optical Wireless Systems **2020**,		3
429	Securing Aerial-Ground Transmission for NOMA-UAV Networks. *IEEE Network*, **2020**, 34, 171-177	11.4	14
428	Unveiling the Importance of SIC in NOMA Systems—Part II: New Results and Future Directions. *IEEE Communications Letters*, **2020**, 24, 2378-2382	3.8	17
427	Unveiling the Importance of SIC in NOMA Systems—Part 1: State of the Art and Recent Findings. *IEEE Communications Letters*, **2020**, 24, 2373-2377	3.8	54
426	Power Minimization for Multi-Cell Uplink NOMA With Imperfect SIC. *IEEE Wireless Communications Letters*, **2020**, 9, 2030-2034	5.9	18
425	Secure Cooperative Hybrid VLC-RF Systems. *IEEE Transactions on Wireless Communications*, **2020**, 19, 7097-7107	9.6	7
424	Cooperative NOMA: State of the Art, Key Techniques, and Open Challenges. *IEEE Network*, **2020**, 34, 205-211	11.4	25
423	Diversity Gain Analysis of Distributed CDD Systems in Non-Identical Fading Channels. *IEEE Transactions on Communications*, **2020**, 68, 7218-7231	6.9	2
422	. *IEEE Transactions on Network Science and Engineering*, **2020**, 1-1	4.9	34
421	The Distribution Characteristics of Ordered GSVD Singular Values and its Applications in MIMO-NOMA. *IEEE Communications Letters*, **2020**, 24, 2719-2722	3.8	3

420	A dCDD-Based Transmit Diversity for NOMA Systems **2020**,		1
419	Energy-Efficient Design of IRS-NOMA Networks. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 14088-14092	6.8	69
418	NOMA-Assisted Secure Short-Packet Communications in IoT. *IEEE Wireless Communications*, **2020**, 27, 8-15	13.4	41
417	Secrecy Performance of NOMA Systems With Energy Harvesting and Full-Duplex Relaying. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 12301-12305	6.8	7
416	What Role Do Intelligent Reflecting Surfaces Play in Multi-Antenna Non-Orthogonal Multiple Access?. *IEEE Wireless Communications*, **2020**, 27, 24-31	13.4	31
415	Secure Transmission via Beamforming Optimization for NOMA Networks. *IEEE Wireless Communications*, **2020**, 27, 193-199	13.4	26
414	. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 12052-12065	6.8	17
413	Joint Robust Beamforming and Power-Splitting Ratio Design in SWIPT-Based Cooperative NOMA Systems With CSI Uncertainty. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 2386-2400	6.8	18
412	Spectral- and Energy-Efficient Resource Allocation for Multi-Carrier Uplink NOMA Systems. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 9293-9296	6.8	32
411	Unsupervised Learning Approaches for User Clustering in NOMA enabled Aerial SWIPT Networks **2019**,		2
410	Non-Orthogonal Multiple Access: Common Myths and Critical Questions. *IEEE Wireless Communications*, **2019**, 26, 174-180	13.4	99
409	Joint Transmission Scheduling and Power Allocation in Non-Orthogonal Multiple Access. *IEEE Transactions on Communications*, **2019**, 67, 8137-8150	6.9	20
408	. *IEEE Transactions on Wireless Communications*, **2019**, 18, 5630-5642	9.6	13
407	Joint D2D Group Association and Channel Assignment in Uplink Multi-Cell NOMA Networks: A Matching-Theoretic Approach. *IEEE Transactions on Communications*, **2019**, 67, 8771-8785	6.9	14
406	Energy Efficiency Optimization for Secure Transmission in MISO Cognitive Radio Network With Energy Harvesting. *IEEE Access*, **2019**, 7, 126234-126252	3.5	17
405	An EM-Based User Clustering Method in Non-Orthogonal Multiple Access. *IEEE Transactions on Communications*, **2019**, 67, 8422-8434	6.9	11
404	Joint Trajectory and Precoding Optimization for UAV-Assisted NOMA Networks. *IEEE Transactions on Communications*, **2019**, 67, 3723-3735	6.9	161
403	Secure Transmission via Joint Precoding Optimization for Downlink MISO NOMA. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 7603-7615	6.8	30

402	Beamforming Design and Performance Analysis of Full-Duplex Cooperative NOMA Systems. *IEEE Transactions on Wireless Communications*, **2019**, 18, 3295-3311	9.6	24
401	Secrecy Analysis and Active Pilot Spoofing Attack Detection for Multigroup Multicasting Cell-Free Massive MIMO Systems. *IEEE Access*, **2019**, 7, 57332-57340	3.5	21
400	Introduction to the Issue on Signal Processing Advances for Non-Orthogonal Multiple Access in Next Generation Wireless Networks. *IEEE Journal on Selected Topics in Signal Processing*, **2019**, 13, 388-391	7.5	1
399	On the Delay/Throughput-Security Tradeoff in Wiretap TDMA Networks With Buffered Nodes. *IEEE Transactions on Wireless Communications*, **2019**, 18, 3948-3960	9.6	4
398	Secure Primary Transmission Assisted by a Secondary Full-Duplex NOMA Relay. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 7214-7219	6.8	29
397	The Application of Power-Domain Non-Orthogonal Multiple Access in Satellite Communication Networks. *IEEE Access*, **2019**, 7, 63531-63539	3.5	42
396	Unsupervised User Clustering in Non-orthogonal Multiple Access **2019**,		3
395	Optimizing QoE of Multiple Users over DASH: A Meta-learning Approach **2019**,		1
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