

Supporting IoT With Rate-Splitting Multiple Access in S Networks

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Optimal Power Allocation for Secure Estimation of Multiple Parameters. IEEE Signal Processing Letters, 2021, 28, 1784-1788.	2.1	1
2	Unauthorized Access Detection in Underlay Cognitive Satellite Networks. IEEE Networking Letters, 2021, 3, 181-185.	1.5	2
3	Spectrum-Sharing-Maximized Approaches With Shared-Path Protection in Elastic Optical Data Center Networks. IEEE Internet of Things Journal, 2022, 9, 4721-4736.	5.5	6
4	A Tri-Satellite Interference Source Localization Method for Eliminating Mirrored Location. Sensors, 2021, 21, 4483.	2.1	3
5	Non-continuous Orthogonal Frequency Division Multiplexing Satellite Communication Model and Analysis of Interference to Authorized System. Journal of Physics: Conference Series, 2021, 1971, 012075.	0.3	0
6	Robust Beamforming for Enhancing Security in Multibeam Satellite Systems. IEEE Communications Letters, 2021, 25, 2161-2165.	2.5	9
7	In-Orbit Measurements and Analysis of Radio Interference in the UHF Amateur Radio Band from the LUME-1 Satellite. Remote Sensing, 2021, 13, 3252.	1.8	4
8	Intelligent Dynamic Spectrum Resource Management Based on Sensing Data in Space-Time and Frequency Domain. Sensors, 2021, 21, 5261.	2.1	10
9	Robust Beamforming and Outage Performance of Uplink Multiuser Satellite-Aerial-Terrestrial Networks With Mixed RF-FSO Channels. IEEE Photonics Journal, 2021, 13, 1-8.	1.0	8
10	Deep Learning-Based Channel Prediction for LEO Satellite Massive MIMO Communication System. IEEE Wireless Communications Letters, 2021, 10, 1835-1839.	3.2	31
11	Outage Constrained Robust Secure Beamforming in Cognitive Satellite-Aerial Networks. IEEE Communications Letters, 2021, 25, 2708-2712.	2.5	12
12	On the optimal energy efficiency and spectral efficiency trade-off of CF massive MIMO SWIPT system. Eurasip Journal on Wireless Communications and Networking, 2021, 2021, .	1.5	5
13	Secrecy-Energy Efficient Hybrid Beamforming for Satellite-Terrestrial Integrated Networks. IEEE Transactions on Communications, 2021, 69, 6345-6360.	4.9	133
14	Hybrid Beamforming, User Scheduling, and Resource Allocation for Integrated Terrestrial-Satellite Communication. IEEE Transactions on Vehicular Technology, 2021, 70, 8868-8882.	3.9	22
15	An EKF based overlapping coalition formation game for cooperative wireless network navigation. IET Communications, 2021, 15, 2407-2424.	1.5	4
16	Observability Study on Passive Target Localization by Conic Angle Measurements. Sensors, 2021, 21, 6439.	2.1	2
17	MSPA: Multislot Pilot Allocation Random Access Protocol for mMTC-Enabled IoT System. IEEE Internet of Things Journal, 2021, 8, 17403-17416.	5.5	12
18	Joint Optimization of Transmission and Computation Resources for Satellite and High Altitude Platform Assisted Edge Computing. IEEE Transactions on Wireless Communications, 2022, 21, 1362-1377.	6.1	40

#	ARTICLE	IF	CITATIONS
19	NOMA-Based Integrated Satellite Terrestrial Networks With Relay Selection and Imperfect SIC. IEEE Access, 2021, 9, 111346-111357.	2.6	21
20	Beam Pointing Optimization Based Downlink Interference Mitigation Technique Between NGSO Satellite Systems. IEEE Wireless Communications Letters, 2021, 10, 2388-2392.	3.2	9
21	Enhancing Secrecy with Random Frequency Variation in mmWave Communication Systems. IEEE Communications Letters, 2021, , 1-1.	2.5	1
22	Secrecy rate maximization for hardware impaired untrusted relaying network with deep learning. Physical Communication, 2021, 49, 101476.	1.2	7
23	Enhancement of an Optimized Key for Database Sanitization to Ensure the Security and Privacy of an Autism Dataset. Symmetry, 2021, 13, 1912.	1.1	2
24	The impact of finite data and energy storages in performance of relay networks with energy harvesting. AEU - International Journal of Electronics and Communications, 2021, 142, 153979.	1.7	0
25	Stochastic Analysis of Cooperative Satellite-UAV Communications. IEEE Transactions on Wireless Communications, 2022, 21, 3570-3586.	6.1	18
26	New generalized zero forcing beamforming for serving more users in energy-harvesting enabled networks. Physical Communication, 2022, 50, 101500.	1.2	1
27	Ergodic sum rate for uplink NOMA transmission in satellite-aerial-ground integrated networks. Chinese Journal of Aeronautics, 2022, 35, 58-70.	2.8	20
28	Security Analysis in Multicasting over Shadowed Rician and $\hat{\alpha}^{\alpha} \hat{\beta}^{\beta}$ Fading Channels: A Dual-hop Hybrid Satellite Terrestrial Relaying Network. IET Communications, 2022, 16, 43-57.	1.5	4
29	Radio Access Evaluation of Commercial 5G Service. Electronics (Switzerland), 2021, 10, 2746.	1.8	1
30	Analysis and Simulation of LoRaWAN LR-FHSS for Direct-to-Satellite Scenario. IEEE Wireless Communications Letters, 2022, 11, 548-552.	3.2	12
31	Robust Beamforming for Enhancing User Fairness in Multibeam Satellite Systems With NOMA. IEEE Transactions on Vehicular Technology, 2022, 71, 1010-1014.	3.9	20
32	Cybersecurity Attacks on Software Logic and Error Handling Within ADS-B Implementations: Systematic Testing of Resilience and Countermeasures. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 2702-2719.	2.6	9
33	Weighted Sum Rate Optimization for STAR-RIS-Assisted MIMO System. IEEE Transactions on Vehicular Technology, 2022, 71, 2122-2127.	3.9	38
34	Ergodic Capacity of NOMA-Based Multi-Antenna LMS Systems with Imperfect Limitations. Sensors, 2022, 22, 330.	2.1	3
35	Improving IoT-Over-Satellite Connectivity Using Frame Repetition Technique. IEEE Wireless Communications Letters, 2022, 11, 736-740.	3.2	5
36	Ground-Assisted Federated Learning in LEO Satellite Constellations. IEEE Wireless Communications Letters, 2022, 11, 717-721.	3.2	23

#	ARTICLE	IF	CITATIONS
37	Wander of a Gaussian-Beam Wave Propagating through Kolmogorov and Non-Kolmogorov Turbulence along Laser-Satellite Communication Uplink. <i>Atmosphere</i> , 2022, 13, 162.	1.0	3
38	On the ergodic sum rate for multiuser satellite-aerial-terrestrial networks. <i>Physical Communication</i> , 2022, 52, 101611.	1.2	1
39	Cooperation in Space: HAPS-Aided Optical Inter-Satellite Connectivity With Opportunistic Scheduling. <i>IEEE Communications Letters</i> , 2022, 26, 882-886.	2.5	8
40	Performance Analysis of Satellite Communication System Under the Shadowed-Rician Fading: A Stochastic Geometry Approach. <i>IEEE Transactions on Communications</i> , 2022, 70, 2707-2721.	4.9	23
41	Joint Transmit and Reflective Beamformer Design for Secure Estimation in IRS-Aided WSNs. <i>IEEE Signal Processing Letters</i> , 2022, 29, 692-696.	2.1	12
42	An Integrated Beam Anti-Jamming Algorithm for Low-Orbit Navigation Augmentation. <i>IEEE Communications Letters</i> , 2022, 26, 877-881.	2.5	5
43	Performance Analysis for Rate Splitting Uplink NOMA Transmission in High Throughput Satellite Systems. <i>IEEE Wireless Communications Letters</i> , 2022, 11, 816-820.	3.2	14
44	Robust Secure Beamforming Algorithm for Intelligent Reflecting Surface-Assisted Satellite-Terrestrial Integrated Networks. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2022, .	0.2	0
45	User power allocation and relay beamforming design for secrecy sum rate maximization in two-way relay networks. <i>AEU - International Journal of Electronics and Communications</i> , 2022, 146, 154110.	1.7	1
46	NOMA-Based Overlay Cognitive Satellite-UAV-Terrestrial Networks with Multiple Primary Users. <i>Wireless Communications and Mobile Computing</i> , 2022, 2022, 1-14.	0.8	1
47	Satellite to Ground Station, Attenuation Prediction for 2.4-72 GHz Using LSTM, an Artificial Recurrent Neural Network Technology. <i>Electronics (Switzerland)</i> , 2022, 11, 541.	1.8	2
48	Outage Analysis of Multi-Relay NOMA-Based Hybrid Satellite-Terrestrial Relay Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2022, 71, 6469-6487.	3.9	9
49	Performance Analysis of Rate Splitting Multiple Access Based Vortex Wave Communications. <i>IEEE Wireless Communications Letters</i> , 2022, 11, 1570-1574.	3.2	3
50	Robust Power Allocation in Optical Satellite MIMO Links With Pointing Jitter. <i>IEEE Wireless Communications Letters</i> , 2022, 11, 957-961.	3.2	2
51	Evaluation of 5G Coexistence and Interference Signals in the C-Band Satellite Earth Station. <i>IEEE Transactions on Vehicular Technology</i> , 2022, 71, 6189-6200.	3.9	6
52	A Power and Spectrum Efficient Uplink Transmission Scheme for QoS-Constrained IoT Networks. <i>IEEE Internet of Things Journal</i> , 2022, 9, 17425-17439.	5.5	5
53	Refracting RIS-Aided Hybrid Satellite-Terrestrial Relay Networks: Joint Beamforming Design and Optimization. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2022, 58, 3717-3724.	2.6	242
54	Secure Energy Efficiency for mmWave-NOMA Cognitive Satellite Terrestrial Network. <i>IEEE Communications Letters</i> , 2023, 27, 283-287.	2.5	2

#	ARTICLE	IF	CITATIONS
55	Analytical Evaluation of Power-Amplifier-Based Charging Methodology and Energy Efficiency Optimization Framework for Aerial Base Stations. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 4451-4472.	2.6	1
56	NOMA-Based Cognitive Satellite Terrestrial Relay Network: Secrecy Performance Under Channel Estimation Errors and Hardware Impairments. IEEE Internet of Things Journal, 2022, 9, 17334-17347.	5.5	37
57	Direction of Arrival Estimation Based on Received Signal Strength Using Two-Row Electronically Steerable Parasitic Array Radiator Antenna. Sensors, 2022, 22, 2034.	2.1	2
58	Evaluation of Full-Duplex SWIPT Cooperative NOMA-Based IoT Relay Networks over Nakagami-m Fading Channels. Sensors, 2022, 22, 1974.	2.1	14
59	Joint Decoding Order and Power Allocation Design for a NOMA-Based Overlay Cognitive Integrated Satellite-Terrestrial Relay Network. Wireless Communications and Mobile Computing, 2022, 2022, 1-13.	0.8	0
60	On The Performance of Multi-Carrier SDMA-NOMA CR-Based Systems. , 2021, , .		1
61	Enabling machine learning-based side-chaining for improving <scp>QoS</scp> in blockchain-powered <scp>IoT</scp> networks. Transactions on Emerging Telecommunications Technologies, 2022, 33, .	2.6	6
62	Beamforming Design for IRS-assisted Uplink Cognitive Satellite-Terrestrial Networks with NOMA. , 2021, , .		4
63	Beamforming and Power Allocation in NOMA-Based Multibeam Satellite Systems with Outage Constraint. , 2021, , .		2
64	Beamforming and Power Allocation for Uplink NOMA Transmission in Multibeam Satellite Communications With Rate Splitting. , 2021, , .		2
65	On the Reuse of a Matching Network for IoT Devices Operating at 900 MHz Embedding Antenna Boosters. Electronics (Switzerland), 2022, 11, 1267.	1.8	1
66	Beamforming Design and Performance Analysis for Satellite and UAV Integrated Networks in IoRT Applications. IEEE Internet of Things Journal, 2022, 9, 14965-14977.	5.5	13
67	Mega-Constellation Design for Integrated Satellite-Terrestrial Networks for Global Seamless Connectivity. IEEE Wireless Communications Letters, 2022, 11, 1669-1673.	3.2	2
68	Grant Free Age-Optimal Random Access Protocol for Satellite-Based Internet of Things. IEEE Transactions on Communications, 2022, 70, 3947-3961.	4.9	8
69	Aerial intelligent reflecting surface for secure wireless networks: Secrecy capacity and optimal trajectory strategy. Intelligent and Converged Networks, 2022, 3, 119-133.	3.2	18
70	NC-OFDM Satellite Communication Based on Compressed Spectrum Sensing. Sensors, 2022, 22, 3800.	2.1	0
71	Efficient Rate Splitting Multiple Access Scheme Based Cooperative Bargaining Solutions. IEEE Access, 2022, 10, 55081-55089.	2.6	1
72	Deployment of Wireless Sensor Network and IoT Platform to Implement an Intelligent Animal Monitoring System. Sustainability, 2022, 14, 6249.	1.6	15

#	ARTICLE	IF	CITATIONS
73	Cooperative multigroup multicast beamforming for cache-enabled ultra-dense low earth orbit satellite constellation networks. <i>International Journal of Satellite Communications and Networking</i> , 2022, 0, .	1.2	1
74	Green Interference Based Symbiotic Security in Integrated Satellite-Terrestrial Communications. <i>IEEE Transactions on Wireless Communications</i> , 2022, 21, 9962-9973.	6.1	21
75	Effects of Spatially Random Space Interference on Satellite-Aerial Downlink Transmission. <i>IEEE Transactions on Communications</i> , 2022, 70, 4956-4971.	4.9	7
76	Combined Robust Beamforming With Uplink RSMA for Multibeam Satellite Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2022, 71, 10167-10172.	3.9	4
77	Outage Analysis of Cooperative Satellite-Aerial-Terrestrial Networks With Spatially Random Terminals. <i>IEEE Transactions on Communications</i> , 2022, 70, 4972-4987.	4.9	7
78	Two-Step Dynamic Cell Optimization Algorithm for HAPS Mobile Communications. <i>IEEE Access</i> , 2022, 10, 68085-68098.	2.6	3
79	On the Secrecy Outage Performance of Cooperative NOMA-Assisted Hybrid Satellite-Terrestrial Networks. <i>Wireless Communications and Mobile Computing</i> , 2022, 2022, 1-15.	0.8	2
80	Physical layer security using beamforming techniques for 5G and beyond networks: A systematic review. <i>Physical Communication</i> , 2022, 54, 101791.	1.2	13
81	Hybrid Multiple Access Transmission in Satellite-Aerial-Terrestrial Networks. <i>IEEE Communications Letters</i> , 2022, 26, 2146-2150.	2.5	1
82	Deep Learning (DL)-Based Channel Prediction and Hybrid Beamforming for LEO Satellite Massive MIMO System. <i>IEEE Internet of Things Journal</i> , 2022, 9, 23705-23715.	5.5	8
83	SLNR-based Secure Energy Efficient Beamforming in Multibeam Satellite Systems. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2022, , 1-4.	2.6	100
84	Multi-Agent Low-Bias Reinforcement Learning for Resource Allocation in UAV-Assisted Networks. , 2022, , .		2
85	Age of information and energy efficiency of amplify-and-forward relay-assisted Internet of Things with nonlinear energy harvesting and imperfect channel state information over Nakagami-fading channels. <i>Transactions on Emerging Telecommunications Technologies</i> , 2022, 33, .	2.6	1
86	Secure PD-NOMA with Multi-User Cooperation and User Clustering in Both Uplink and Downlink PD-NOMA. <i>Electronics (Switzerland)</i> , 2022, 11, 2153.	1.8	1
87	An Effective Scheme of Building Electromagnetic Map for Spectrum Sensing. <i>Wireless Communications and Mobile Computing</i> , 2022, 2022, 1-10.	0.8	0
88	Deep Reinforcement Learning-Based Power Allocation for Rate-Splitting Multiple Access in 6G LEO Satellite Communication System. <i>IEEE Wireless Communications Letters</i> , 2022, 11, 2185-2189.	3.2	15
89	Covert Communication for Jammer-aided Multi-Antenna UAV Networks. , 2022, , .		2
90	A Deep Learning Approach for Downlink Sum Rate Maximization in Satellite-Terrestrial Integrated Network. , 2022, , .		1

#	ARTICLE	IF	CITATIONS
91	Intelligent Replica Selection in Edge and IoT Environments Using Artificial Neural Networks. Electronics (Switzerland), 2022, 11, 2531.	1.8	3
92	Rate-Splitting Multiple Access: Fundamentals, Survey, and Future Research Trends. IEEE Communications Surveys and Tutorials, 2022, 24, 2073-2126.	24.8	171
93	Local-Partial Signal Combining Schemes for Cell-Free Large-Scale MU-MIMO Systems with Limited Fronthaul Capacity and Spatial Correlation Channels. Electronics (Switzerland), 2022, 11, 2757.	1.8	0
94	Performance Analysis and Optimization for Jammer-Aided Multiantenna UAV Covert Communication. IEEE Journal on Selected Areas in Communications, 2022, 40, 2962-2979.	9.7	19
95	Rate-Splitting Multiple Access for Satellite-Terrestrial Integrated Networks: Benefits of Coordination and Cooperation. IEEE Transactions on Wireless Communications, 2023, 22, 317-332.	6.1	15
96	On Performance of IRS-Assisted Hybrid Satellite-Terrestrial Cooperative Communication. IEEE Transactions on Aerospace and Electronic Systems, 2022, , 1-22.	2.6	3
97	Rate-Splitting Multiple Access-Enabled Security Analysis in Cognitive Satellite Terrestrial Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 11756-11771.	3.9	11
98	Cloud-Based Computational Data-Enabled Predictive Control. IEEE Internet of Things Journal, 2022, 9, 24949-24962.	5.5	1
99	RIS-Assisted Full-Duplex Relay Systems. IEEE Systems Journal, 2022, 16, 5729-5740.	2.9	17
100	Joint Beamforming Design for Secure RIS-Assisted IoT Networks. IEEE Internet of Things Journal, 2023, 10, 1628-1641.	5.5	34
101	Active RIS-Assisted Secure Transmission for Cognitive Satellite Terrestrial Networks. IEEE Transactions on Vehicular Technology, 2023, 72, 2609-2614.	3.9	17
102	Improving the Energy Efficiency of Software-Defined Networks through the Prediction of Network Configurations. Electronics (Switzerland), 2022, 11, 2739.	1.8	1
103	Network Mobility Management Challenges, Directions, and Solutions: An Architectural Perspective. Electronics (Switzerland), 2022, 11, 2696.	1.8	3
104	Integrating Communication and Sensor Arrays to Model and Navigate Autonomous Unmanned Aerial Systems. Electronics (Switzerland), 2022, 11, 3023.	1.8	1
105	Security Performance Analysis of LEO Satellite Constellation Networks under DDoS Attack. Sensors, 2022, 22, 7286.	2.1	8
106	Self-Optimizing Traffic Steering for 5G mmWave Heterogeneous Networks. Sensors, 2022, 22, 7112.	2.1	0
107	Spectral efficiency analysis of distributed millimeter wave massive MIMO system using spatial point processes. , 2022, 130, 103750.		0
108	Resource Allocation for Networked Telemetry System of Mega LEO Satellite Constellations. IEEE Transactions on Communications, 2022, 70, 8215-8228.	4.9	4

#	ARTICLE	IF	CITATIONS
109	On Secure Uplink Transmission in Hybrid RF-FSO Cooperative Satellite-Aerial-Terrestrial Networks. IEEE Transactions on Communications, 2022, 70, 8244-8257.	4.9	10
110	Minimization of nth Order Rate Matching in Satellite Networks with One to Many Pairings. Future Internet, 2022, 14, 286.	2.4	1
111	A Whale Optimization Algorithm Based Resource Allocation Scheme for Cloud-Fog Based IoT Applications. Electronics (Switzerland), 2022, 11, 3207.	1.8	11
112	High-Speed Antenna Measurement System Using Multi-Probe Array Technique for 5G Applications. Electronics (Switzerland), 2022, 11, 3435.	1.8	4
113	Wireless Communication Channel Scenarios: Machine-Learning-Based Identification and Performance Enhancement. Electronics (Switzerland), 2022, 11, 3253.	1.8	4
114	Energy-Efficient and Secure Load Balancing Technique for SDN-Enabled Fog Computing. Sustainability, 2022, 14, 12951.	1.6	11
115	Joint Impacts of Non-Ideal System Limitations on the Performance of NOMA-Based SatCom Networks. IEEE Transactions on Vehicular Technology, 2023, 72, 4091-4096.	3.9	0
116	Sparse Recovery of Finite Alphabet Signals Using AMP and Its Application in DoA Estimation. IEEE Systems Journal, 2022, , 1-11.	2.9	0
117	A novel user clustering and a low-complexity power allocation in multi-user and multi-cluster NOMA system via Stackelberg game competition. Ad Hoc Networks, 2023, 139, 103034.	3.4	0
118	Binary PSO with Classification Trees Algorithm for Enhancing Power Efficiency in 5G Networks. Sensors, 2022, 22, 8570.	2.1	1
119	Hybrid Satelliteâ€“Terrestrial Networks toward 6G: Key Technologies and Open Issues. Sensors, 2022, 22, 8544.	2.1	13
120	Cooperative Content Precaching Scheme Based on the Mobility Information of Vehicles in Intermittently Connected Vehicular Networks. Electronics (Switzerland), 2022, 11, 3663.	1.8	4
121	On Secure Uplink Transmissions in Satellite-Aerial Systems. IEEE Transactions on Aerospace and Electronic Systems, 2023, 59, 4666-4673.	2.6	2
122	Five Facets of 6G: Research Challenges and Opportunities. ACM Computing Surveys, 2023, 55, 1-39.	16.1	29
123	Electromagnetic Spectrum Allocation Method for Multi-Service Irregular Frequency-Using Devices in the Spaceâ€“Airâ€“Ground Integrated Network. Sensors, 2022, 22, 9227.	2.1	0
124	Resolving Security Issues in the IoT Using Blockchain. Electronics (Switzerland), 2022, 11, 3950.	1.8	3
125	Optimization of the Trajectory, Transmit Power, and Power Splitting Ratio for Maximizing the Available Energy of a UAV-Aided SWIPT System. Sensors, 2022, 22, 9081.	2.1	1
126	A Generic Preprocessing Architecture for Multi-Modal IoT Sensor Data in Artificial General Intelligence. Electronics (Switzerland), 2022, 11, 3816.	1.8	1

#	ARTICLE	IF	CITATIONS
127	SDA-RDOS: A New Secure Data Aggregation Protocol for Wireless Sensor Networks in IoT Resistant to DOS Attacks. Electronics (Switzerland), 2022, 11, 4194.	1.8	3
128	Cell outage compensation scheme based on hybrid genetic algorithms and neural networks. IET Communications, 0, , .	1.5	0
129	Speed-Gradient Adaptive Control for Parametrically Uncertain UAVs in Formation. Electronics (Switzerland), 2022, 11, 4187.	1.8	5
130	Digital Twin-Based Zero-Touch Management for IoT. Electronics (Switzerland), 2022, 11, 4104.	1.8	5
131	Physical layer security using boundary technique for emerging wireless communication systems. Security and Privacy, 2023, 6, .	1.9	1
132	CA Energy Saving Joint Resource Optimization Scheme Based on 5G Channel Information Prediction of Machine Learning. Sustainability, 2022, 14, 17012.	1.6	0
133	Eight-Port Modified E-Slot MIMO Antenna Array with Enhanced Isolation for 5G Mobile Phone. Electronics (Switzerland), 2023, 12, 316.	1.8	7
134	Outage Analysis of Millimeter Wave RSMA Systems. IEEE Transactions on Communications, 2023, 71, 1504-1520.	4.9	3
135	Performance Analysis of Unmanned Aerial Vehicle Enabled Wireless Power Transfer Considering Radio Frequency System Imperfections. Energy, 2023, 267, 126464.	4.5	2
136	Outage probability and ergodic capacity analysis of satellite-terrestrial NOMA system with mixed RF/mmWave relaying. Physical Communication, 2023, 57, 101998.	1.2	1
137	Distributed Channel Selection for Cooperative Localization in UAV Swarms. , 2022, , .		0
138	Rate Splitting Multiple Access for Cognitive Radio GEO-LEO Co-Existing Satellite Networks. , 2022, , .		9
139	Plane-Wave Generation through General Near-Field In-Band Reflectarray Direct Layout Optimization with Figure of Merit Constraints in mm-Wave Band. Electronics (Switzerland), 2023, 12, 91.	1.8	2
140	Stackelberg Game Based Secure Transmission Strategy for Cognitive Satellite Terrestrial Networks. , 2022, , .		0
141	Performance Analysis of Dual-Hop AF Cognitive Relay Networks with Best Selection and Interference Constraints. Electronics (Switzerland), 2023, 12, 124.	1.8	3
142	Age-oriented Access Control in GEO/LEO Heterogeneous Network for Marine IoT. , 2022, , .		0
143	Hybrid VLC-RF Systems With Multi-Users for Achievable Rate and Energy Efficiency Maximization. IEEE Transactions on Wireless Communications, 2023, 22, 6157-6170.	6.1	2
144	Rate-Splitting and Common Message Decoding in Hybrid Cloud/Mobile Edge Computing Networks. IEEE Journal on Selected Areas in Communications, 2023, 41, 1566-1583.	9.7	1

#	ARTICLE	IF	CITATIONS
145	Active RIS Assisted Rate-Splitting Multiple Access Network: Spectral and Energy Efficiency Tradeoff. IEEE Journal on Selected Areas in Communications, 2023, 41, 1452-1467.	9.7	17
146	Satellite-Aerial Communications With Multi-Aircraft Interference. IEEE Transactions on Wireless Communications, 2023, 22, 7008-7024.	6.1	2
147	Resource Allocation for Cognitive Satellite-HAP-Terrestrial Networks With Non-Orthogonal Multiple Access. IEEE Transactions on Vehicular Technology, 2023, 72, 9659-9663.	3.9	5
148	Mapping spatial distribution of commâ€satellite's beam based on ground omniâ€antennas. International Journal of Satellite Communications and Networking, 2023, 41, 374-391.	1.2	0
149	Design and Evaluation of Dynamic Topology for Mega Constellation Networks. Electronics (Switzerland), 2023, 12, 1784.	1.8	0
150	A Primer on Rate-Splitting Multiple Access: Tutorial, Myths, and Frequently Asked Questions. IEEE Journal on Selected Areas in Communications, 2023, 41, 1265-1308.	9.7	26
151	Introductory Chapter: An Overview to the Internet of Things. , 0, , .		2
152	On the performance of uplink NOMAâ€based satelliteâ€aerialâ€terrestrial integrated networks. Transactions on Emerging Telecommunications Technologies, 2023, 34, .	2.6	0
153	An Intersatellite Link Assignment Design for Megaconstellation Based on NSGA-II. Wireless Communications and Mobile Computing, 2023, 2023, 1-8.	0.8	0
154	Power Allocation for NOMA-Assisted Integrated Satellite-Aerial-Terrestrial Networks with Practical Constraints. , 2022, , .		0
155	Demand-Aware Onboard Payload Processor Management for High Throughput NGSO Satellite Systems. IEEE Transactions on Aerospace and Electronic Systems, 2023, , 1-18.	2.6	0
156	5G V2X Performance Comparison for Different Channel Coding Schemes and Propagation Models. Sensors, 2023, 23, 2436.	2.1	3
157	An Optimized, Dynamic, and Efficient Load-Balancing Framework for Resource Management in the Internet of Things (IoT) Environment. Electronics (Switzerland), 2023, 12, 1104.	1.8	13
158	Multi-Objective Robust Beamforming for Integrated Satellite and Aerial Networks Supporting Heterogeneous Services. IEEE Transactions on Wireless Communications, 2023, 22, 6870-6882.	6.1	3
159	A joint strategy for service deployment and task offloading in satelliteâ€terrestrial IoT. Computer Networks, 2023, 225, 109656.	3.2	2
160	Content-Aware Transmission in UAV-Assisted Multicast Communication. IEEE Transactions on Wireless Communications, 2023, 22, 7144-7157.	6.1	2
161	Dynamic Transmission and Computation Resource Optimization for Dense LEO Satellite Assisted Mobile-Edge Computing. IEEE Transactions on Communications, 2023, 71, 3087-3102.	4.9	1
162	UAV Trajectory Design and Power Optimization for Terahertz Band-Integrated Sensing and Communications. Sensors, 2023, 23, 3005.	2.1	1

#	ARTICLE	IF	CITATIONS
163	Time-Sensitive Networking Mechanism Aided by Multilevel Cyclic Queues in LEO Satellite Networks. Electronics (Switzerland), 2023, 12, 1357.	1.8	0
164	Joint Beamforming Design for RIS-Assisted Integrated Satellite-HAP-Terrestrial Networks Using Deep Reinforcement Learning. Sensors, 2023, 23, 3034.	2.1	2
165	Small Signal Anti-Jamming Scheme Based on a DMA Linear Array under Strong Jamming. Electronics (Switzerland), 2023, 12, 1389.	1.8	1
166	Decoupled Association With Rate Splitting Multiple Access in UAV-Assisted Cellular Networks Using Multi-Agent Deep Reinforcement Learning. IEEE Transactions on Mobile Computing, 2024, 23, 2186-2201.	3.9	3
167	A Unified Rate-Splitting Framework for Secure Spectrum Sharing via Joint Precoding Optimization. IEEE Systems Journal, 2023, 17, 5580-5591.	2.9	0
168	A Review on Unmanned Aerial Vehicle-based Networks and Satellite-based Networks with RSMA: Research Challenges and Future Trends. , 2023, , .		0
169	Resource Allocation for NOMA-Enabled Cognitive Satellite-UAV-Terrestrial Networks With Imperfect CSI. IEEE Transactions on Cognitive Communications and Networking, 2023, 9, 963-976.	4.9	9
170	Optimal Position and Target Rate for Covert Communication in UAV-Assisted Uplink RSMA Systems. Drones, 2023, 7, 237.	2.7	0
171	An Asynchronous Collision-Tolerant ACRDA Scheme Based on Satellite-Selection Collaboration-Beamforming for LEO Satellite IoT Networks. Sensors, 2023, 23, 3549.	2.1	0
172	RIS-Assisted Hybrid Beamforming and Connected User Vehicle Localization for Millimeter Wave MIMO Systems. Sensors, 2023, 23, 3713.	2.1	1
173	An Intelligent Intrusion Detection System for 5G-Enabled Internet of Vehicles. Electronics (Switzerland), 2023, 12, 1757.	1.8	5
174	Rate Splitting Multiple Access for Next Generation Cognitive Radio Enabled LEO Satellite Networks. IEEE Transactions on Wireless Communications, 2023, 22, 8423-8435.	6.1	9
175	Improvement of SPGD by Gradient Descent Optimization Algorithm in Deep Learning. , 2022, , .		0
176	Utilization of 5G Technologies in IoT Applications: Current Limitations by Interference and Network Optimization Difficulties-A Review. Sensors, 2023, 23, 3876.	2.1	19
177	Internet of Things: A Comprehensive Overview on Protocols, Architectures, Technologies, Simulation Tools, and Future Directions. Energies, 2023, 16, 3465.	1.6	12
178	Joint beamforming and phase-shifting design for energy efficiency in RIS-assisted MISO communication with statistical CSI. Physical Communication, 2023, 59, 102080.	1.2	0
205	An Overview About Mechanics Developments and Achievements in the Context of Industry 4.0. Lecture Notes in Networks and Systems, 2023, , 17-41.	0.5	0
223	Securing Fog Computing Through Consortium Blockchain Integration. Advances in Data Mining and Database Management Book Series, 2023, , 107-140.	0.4	1

#	ARTICLE	IF	CITATIONS
228	Ergodic Capacity of Two-Way UAV-Aided Integrated Space-Air-Ground Network with NOMA. , 2023, , .		0
229	Optimal Trajectory Design for UAV-Assisted Wireless Communication with Discrete Code Rates. , 2023, , .		0
232	RSMA-Enabled Multigroup Multicast Rate-Matching for Multibeam Satellite Systems. , 2023, , .		0
237	Trajectory Optimization and Resource Allocation for UAV Relay-based Emergency Satellite Communication. , 2023, , .		0
242	Phase Shift Signaling Reduction for IRS-Aided Internet of Things Networks by Exploiting Global Attention. , 2023, , .		0
243	Precious Localization Based on Carrier Phase and Range Measurements in Wireless Networks. , 2023, , .		0