

George K Karagiannidis

List of Publications by Year in descending order

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Version: 2024-02-01

564
papers

24,323
citations

9756

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11288

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569
all docs

569
docs citations

569
times ranked

11753
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| # | ARTICLE | IF | CITATIONS |
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| 1 | Strategic Honeypot Deployment in Ultra-Dense Beyond 5G Networks: A Reinforcement Learning Approach. IEEE Transactions on Emerging Topics in Computing, 2024, , 1-12. | 3.2 | 2 |
| 2 | Internet of Things (IoT) and Agricultural Unmanned Aerial Vehicles (UAVs) in smart farming: A comprehensive review. Internet of Things (Netherlands), 2022, 18, 100187. | 4.9 | 350 |
| 3 | Optimal Design and Orchestration of Mobile Edge Computing With Energy Awareness. IEEE Transactions on Sustainable Computing, 2022, 7, 456-470. | 2.2 | 5 |
| 4 | Hierarchical Multiple Access (HiMA) for Fog-RAN: Protocol Design and Resource Allocation. IEEE Transactions on Wireless Communications, 2022, 21, 960-975. | 6.1 | 1 |
| 5 | Secure Mobile Edge Computing Networks in the Presence of Multiple Eavesdroppers. IEEE Transactions on Communications, 2022, 70, 500-513. | 4.9 | 31 |
| 6 | Wireless Federated Learning (WFL) for 6G Networksâ€”Part II: The Compute-Then-Transmit NOMA Paradigm. IEEE Communications Letters, 2022, 26, 8-12. | 2.5 | 20 |
| 7 | Wireless Federated Learning (WFL) for 6G Networksâ€”Part I: Research Challenges and Future Trends. IEEE Communications Letters, 2022, 26, 3-7. | 2.5 | 21 |
| 8 | System Optimization of Federated Learning Networks With a Constrained Latency. IEEE Transactions on Vehicular Technology, 2022, 71, 1095-1100. | 3.9 | 27 |
| 9 | Synergetic UAV-RIS Communication With Highly Directional Transmission. IEEE Wireless Communications Letters, 2022, 11, 583-587. | 3.2 | 14 |
| 10 | Distributed Machine Learning for Multiuser Mobile Edge Computing Systems. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 460-473. | 7.3 | 55 |
| 11 | Resource Allocation in Terrestrial-Satellite-Based Next Generation Multiple Access Networks With Interference Cooperation. IEEE Journal on Selected Areas in Communications, 2022, 40, 1210-1221. | 9.7 | 29 |
| 12 | On the Performance of Uplink Rate-Splitting Multiple Access. IEEE Communications Letters, 2022, 26, 523-527. | 2.5 | 19 |
| 13 | Optimization of Grant-Free NOMA With Multiple Configured-Grants for mMURLLC. IEEE Journal on Selected Areas in Communications, 2022, 40, 1222-1236. | 9.7 | 16 |
| 14 | Energy-Aware Optimization of Zero-Energy Device Networks. IEEE Communications Letters, 2022, 26, 858-862. | 2.5 | 6 |
| 15 | Channel Modeling for In-Body Optical Wireless Communications. Telecom, 2022, 3, 136-149. | 1.6 | 1 |
| 16 | Toward Optimally Efficient Search With Deep Learning for Large-Scale MIMO Systems. IEEE Transactions on Communications, 2022, 70, 3157-3168. | 4.9 | 18 |
| 17 | On the Distribution of the Sum of Double-Nakagami- m Random Vectors and Application in Randomly Reconfigurable Surfaces. IEEE Transactions on Vehicular Technology, 2022, 71, 7297-7307. | 3.9 | 25 |
| 18 | Learning to Optimize Resource Assignment for Task Offloading in Mobile Edge Computing. IEEE Communications Letters, 2022, 26, 1303-1307. | 2.5 | 9 |

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| 19 | Incentive-Based Delay Minimization for 6G-Enabled Wireless Federated Learning. <i>Frontiers in Communications and Networks</i> , 2022, 3, . | 1.9 | 0 |
| 20 | Learning-Aided UAV 3D Placement and Power Allocation for Sum-Capacity Enhancement Under Varying Altitudes. <i>IEEE Communications Letters</i> , 2022, 26, 1633-1637. | 2.5 | 27 |
| 21 | Edge Caching and Computing for Wireless Networks. <i>Wireless Communications and Mobile Computing</i> , 2022, 2022, 1-2. | 0.8 | 0 |
| 22 | A State-of-the-Art Survey on Reconfigurable Intelligent Surface-Assisted Non-Orthogonal Multiple Access Networks. <i>Proceedings of the IEEE</i> , 2022, 110, 1358-1379. | 16.4 | 55 |
| 23 | Efficient Memory-Bounded Optimal Detection for GSM-MIMO Systems. <i>IEEE Transactions on Communications</i> , 2022, 70, 4359-4372. | 4.9 | 15 |
| 24 | Performance Analysis of Cascaded Reconfigurable Intelligent Surface Networks. <i>IEEE Wireless Communications Letters</i> , 2022, 11, 1855-1859. | 3.2 | 17 |
| 25 | New Results for Pearson Type III Family of Distributions and Application in Wireless Power Transfer. <i>IEEE Internet of Things Journal</i> , 2022, 9, 24038-24050. | 5.5 | 2 |
| 26 | The χ^2 / Inverse Gamma and χ^2 / Inverse Gamma Composite Fading Models: Fundamental Statistics and Empirical Validation. <i>IEEE Transactions on Communications</i> , 2021, 69, 5514-5530. | 4.9 | 33 |
| 27 | Pareto-Optimal Resource Allocation in Decentralized Wireless Powered Networks. <i>IEEE Transactions on Communications</i> , 2021, 69, 1007-1020. | 4.9 | 6 |
| 28 | Opportunistic Access Point Selection for Mobile Edge Computing Networks. <i>IEEE Transactions on Wireless Communications</i> , 2021, 20, 695-709. | 6.1 | 41 |
| 29 | Performance Analysis of Coherent and Noncoherent Modulation Under I/Q Imbalance Effects. <i>IEEE Access</i> , 2021, 9, 36125-36139. | 2.6 | 8 |
| 30 | Analyzing Grant-Free Access for URLLC Service. <i>IEEE Journal on Selected Areas in Communications</i> , 2021, 39, 741-755. | 9.7 | 85 |
| 31 | Hybrid Lightwave/RF Connectivity for 6G Wireless Networks. <i>Computer Communications and Networks</i> , 2021, , 169-186. | 0.8 | 2 |
| 32 | SLIPT for Underwater Visible Light Communications: Performance Analysis and Optimization. <i>IEEE Transactions on Wireless Communications</i> , 2021, 20, 6715-6728. | 6.1 | 30 |
| 33 | When Buffer-Aided Relaying Meets Full Duplex and NOMA. <i>IEEE Wireless Communications</i> , 2021, 28, 68-73. | 6.6 | 13 |
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| 36 | Dynamic Offloading for Multiuser Multi-CAP MEC Networks: A Deep Reinforcement Learning Approach. <i>IEEE Transactions on Vehicular Technology</i> , 2021, 70, 2922-2927. | 3.9 | 93 |

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| 37 | Machine Learning in Nano-Scale Biomedical Engineering. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2021, 7, 10-39. | 1.4 | 22 |
| 38 | Secure Polar Coding for the Primitive Relay Wiretap Channel. Entropy, 2021, 23, 442. | 1.1 | 0 |
| 39 | Cooperative Hybrid VLC/RF Systems With SLIPT. IEEE Transactions on Communications, 2021, 69, 2532-2545. | 4.9 | 26 |
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| 41 | Learning-Based Signal Detection for MIMO Systems With Unknown Noise Statistics. IEEE Transactions on Communications, 2021, 69, 3025-3038. | 4.9 | 42 |
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| 43 | Performance Evaluation of LoRa Networks in an Open Field Cultivation Scenario. , 2021, , . | | 4 |
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| 45 | On the Resource Allocation of Hierarchical NOMA for Fog-RAN with Energy Harvesting. , 2021, , . | | 0 |
| 46 | Non-Orthogonal Multiple Access (NOMA) With Multiple Intelligent Reflecting Surfaces. IEEE Transactions on Wireless Communications, 2021, 20, 7184-7195. | 6.1 | 34 |
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| 49 | Nonlinear Energy Harvesting Evaluation through the Logit Pearson Distribution. , 2021, , . | | 1 |
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| 55 | Energy Efficient Resource Management in SWIPT Enabled Heterogeneous Networks With NOMA. IEEE Transactions on Wireless Communications, 2020, 19, 835-845. | 6.1 | 89 |
| 56 | Hybrid Lightwave/RF Cooperative NOMA Networks. IEEE Transactions on Wireless Communications, 2020, 19, 1154-1166. | 6.1 | 27 |
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| 105 | Hybrid NOMA/OMA With Buffer-Aided Relay Selection in Cooperative Networks. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 524-537. | 7.3 | 54 |
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