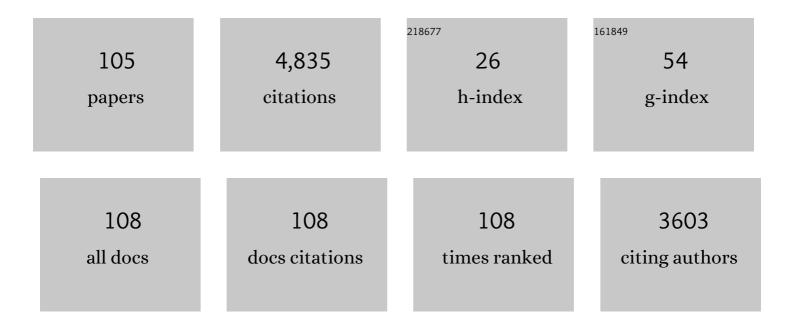
Xavier Costa-Pérez

List of Publications by Year in descending order

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| 3 | Adversarial Attacks Against Deep Learning-Based Network Intrusion Detection Systems and Defense Mechanisms. IEEE/ACM Transactions on Networking, 2022, 30, 1294-1311. | 3.8 | 24 |
| 4 | MARISA: A Self-configuring Metasurfaces Absorption and Reflection Solution Towards 6G. , 2022, , . | | 15 |
| 5 | LACO: A Latency-Driven Network Slicing Orchestration in Beyond-5G Networks. IEEE Transactions on Wireless Communications, 2021, 20, 667-682. | 9.2 | 18 |
| 6 | RISMA: Reconfigurable Intelligent Surfaces Enabling Beamforming for IoT Massive Access. IEEE Journal on Selected Areas in Communications, 2021, 39, 1072-1085. | 14.0 | 53 |
| 7 | Integrating Fronthaul and Backhaul Networks: Transport Challenges and Feasibility Results. IEEE Transactions on Mobile Computing, 2021, 20, 533-549. | 5.8 | 13 |
| 8 | vrAln: Deep Learning based Orchestration for Computing and Radio Resources in vRANs. IEEE Transactions on Mobile Computing, 2021, , 1-1. | 5.8 | 13 |
| 9 | Automated Service Provisioning and Hierarchical SLA Management in 5G Systems. IEEE Transactions on Network and Service Management, 2021, 18, 4669-4684. | 4.9 | 10 |
| 10 | 5Growth: An End-to-End Service Platform for Automated Deployment and Management of Vertical Services over 5G Networks. IEEE Communications Magazine, 2021, 59, 84-90. | 6.1 | 54 |
| 11 | An Optimal Deployment Framework for Multi-Cloud Virtualized Radio Access Networks. IEEE Transactions on Wireless Communications, 2021, 20, 2251-2265. | 9.2 | 23 |
| 12 | Bayesian Online Learning for Energy-Aware Resource Orchestration in Virtualized RANs. , 2021, , . | | 15 |
| 13 | Ï€-ROAD: a Learn-as-You-Go Framework for On-Demand Emergency Slices in V2X Scenarios. , 2021, , . | | 4 |
| 14 | Demonstrating a Bayesian Online Learning for Energy-Aware Resource Orchestration in vRANs. , 2021, , \cdot | | 4 |
| 15 | Multi-Domain Solutions for the Deployment of Private 5G Networks. IEEE Access, 2021, 9, 106865-106884. | 4.2 | 21 |
| 16 | RISe of Flight: RIS-Empowered UAV Communications for Robust and Reliable Air-to-Ground Networks. IEEE Open Journal of the Communications Society, 2021, 2, 1616-1629. | 6.9 | 24 |
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| 20 | EdgeBOL. , 2021, , . | | 10 |
| 21 | LaSR: A Supple Multi-Connectivity Scheduler for Multi-RAT OFDMA Systems. IEEE Transactions on Mobile Computing, 2020, 19, 624-639. | 5.8 | 14 |
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| 24 | Benchmarking open source NFV MANO systems: OSM and ONAP. Computer Communications, 2020, 161, 86-98. | 5.1 | 36 |
| 25 | System-Level Optimization in Poisson Cellular Networks: An Approach Based on the Generalized Benders Decomposition. IEEE Wireless Communications Letters, 2020, 9, 1773-1777. | 5.0 | 4 |
| 26 | Automating Vertical Services Deployments over the 5CT Platform. IEEE Communications Magazine, 2020, 58, 44-50. | 6.1 | 9 |
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| 34 | RL-NSB: Reinforcement Learning-Based 5G Network Slice Broker. IEEE/ACM Transactions on Networking, 2019, 27, 1543-1557. | 3.8 | 80 |
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| 53 | Enabling Vertical Industries Adoption of 5G Technologies: A Cartography of Evolving Solutions. , 2018, , . | | 9 |
| 54 | z-TORCH: An Automated NFV Orchestration and Monitoring Solution. IEEE Transactions on Network and Service Management, 2018, 15, 1292-1306. | 4.9 | 47 |

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| 62 | Optimising 5G infrastructure markets: The business of network slicing. , 2017, , . | | 129 |
| 63 | Toward the network of the future: From enabling technologies to 5G concepts. Transactions on Emerging Telecommunications Technologies, 2017, 28, e3205. | 3.9 | 25 |
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| 65 | Massive Machine-Type Communications. IEEE Network, 2017, 31, 6-7. | 6.9 | 26 |
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| 84 | Radio access network virtualization for future mobile carrier networks. , 2013, 51, 27-35. | | 228 |
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| 102 | A performance study of fast handovers for mobile IPv6. , 0, , . | | 16 |
| 103 | A performance study of hierarchical mobile IPv6 from a system perspective. , 0, , . | | 26 |
| 104 | Utilization of the IEEE802.11 power save mode with IP paging. , 0, , . | | 3 |
| 105 | APSM: bounding the downlink delay for 802.11 power save mode. , 0, , . | | 13 |