

Didier Colle

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

289
citations

1163117

8
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996975

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24
all docs

24
docs citations

24
times ranked

300
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | SDN-based gateway architecture for electromagnetic nano-networks. Computer Communications, 2022, 184, 160-173. | 5.1 | 7 |
| 2 | C-ITS roadside unit deployment on highways with ITS roadside systems: A techno-economic approach. IET Intelligent Transport Systems, 2021, 15, 863-874. | 3.0 | 9 |
| 3 | Survey on Terahertz Nanocommunication and Networking: A Top-Down Perspective. IEEE Journal on Selected Areas in Communications, 2021, 39, 1506-1543. | 14.0 | 58 |
| 4 | Performance Analysis of Optimization Algorithms for a Cross-Layer Shadowing Recover Scheme. IEEE Transactions on Network and Service Management, 2021, 18, 2789-2799. | 4.9 | 0 |
| 5 | On Decomposition and Deployment of Virtualized Media Services. IEEE Transactions on Broadcasting, 2021, 67, 761-775. | 3.2 | 1 |
| 6 | A Greedy Techno-Economic Approach for Selection of C-ITS Roadside Unit Locations along Highways. , 2021, , . | | 0 |
| 7 | Techno-economic viability of integrating satellite communication in 4G networks to bridge the broadband digital divide. Telecommunications Policy, 2020, 44, 101874. | 5.3 | 15 |
| 8 | VNF Performance modelling: From stand-alone to chained topologies. Computer Networks, 2020, 181, 107428. | 5.1 | 8 |
| 9 | Dedicated and shared solutions for reliable function splitting in 5G X-haul. Photonic Network Communications, 2020, 40, 245-255. | 2.7 | 3 |
| 10 | Analysis of the Impact of Misaligned Wireless Backhaul Links on Optical Attocell Networks. , 2020, , . | | 2 |
| 11 | A Cross-Layer Heuristic Algorithm for Addressing Shadowing Problem in Optical Attocell Networks. , 2020, , . | | 1 |
| 12 | Network Slicing Cost Allocation Model. Journal of Network and Systems Management, 2020, 28, 627-659. | 4.9 | 26 |
| 13 | Optimized Sampling Strategies to Model the Performance of Virtualized Network Functions. Journal of Network and Systems Management, 2020, 28, 1482-1521. | 4.9 | 9 |
| 14 | Optimizing a joint multi-operator planning to reduce deployment costs and urban hinder. Computers and Industrial Engineering, 2020, 144, 106424. | 6.3 | 0 |
| 15 | Adaptive Function Chaining for Efficient Design of 5G Xhaul. Lecture Notes in Computer Science, 2020, , 94-107. | 1.3 | 2 |
| 16 | Mirror-aided non-LOS VLC channel characterizations with a time-efficient simulation model. Photonic Network Communications, 2019, 38, 151-166. | 2.7 | 12 |
| 17 | Modeling equipment hierarchy and costs for ICT solutions. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3583. | 3.9 | 2 |
| 18 | Profile-Based Resource Allocation for Virtualized Network Functions. IEEE Transactions on Network and Service Management, 2019, 16, 1374-1388. | 4.9 | 30 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Evaluating the Economic Impact of Smart Care Platforms: Qualitative and Quantitative Results of a Case Study. JMIR Medical Informatics, 2016, 4, e33. | 2.6 | 7 |
| 20 | Techno-economic Evaluation of Open Access on FTTH Networks. Journal of Optical Communications and Networking, 2015, 7, 433. | 4.8 | 14 |
| 21 | Evaluation of the Techno-Economic Viability of Point-to-Point Dark Fiber Access Infrastructure in Europe. Journal of Optical Communications and Networking, 2014, 6, 238. | 4.8 | 18 |
| 22 | Improving the FTTH business case—A joint telco-utility network rollout model. Telecommunications Policy, 2014, 38, 426-437. | 5.3 | 8 |
| 23 | A methodology for multi-actor evaluation of the impact of eCare services. , 2013, , . | | 2 |
| 24 | Techno-economic Analysis of Software Defined Networking as Architecture for the Virtualization of a Mobile Network. , 2012, , . | | 55 |