

Didier Colle

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3078969/publications.pdf>

Version: 2024-02-01

24
papers

289
citations

1163117

8
h-index

996975

15
g-index

24
all docs

24
docs citations

24
times ranked

300
citing authors

#	ARTICLE	IF	CITATIONS
1	Survey on Terahertz Nanocommunication and Networking: A Top-Down Perspective. IEEE Journal on Selected Areas in Communications, 2021, 39, 1506-1543.	14.0	58
2	Techno-economic Analysis of Software Defined Networking as Architecture for the Virtualization of a Mobile Network. , 2012, , .		55
3	Profile-Based Resource Allocation for Virtualized Network Functions. IEEE Transactions on Network and Service Management, 2019, 16, 1374-1388.	4.9	30
4	Network Slicing Cost Allocation Model. Journal of Network and Systems Management, 2020, 28, 627-659.	4.9	26
5	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
6	Techno-economic viability of integrating satellite communication in 4G networks to bridge the broadband digital divide. Telecommunications Policy, 2020, 44, 101874.	5.3	15
7	Techno-economic Evaluation of Open Access on FTTH Networks. Journal of Optical Communications and Networking, 2015, 7, 433.	4.8	14
8	Mirror-aided non-LOS VLC channel characterizations with a time-efficient simulation model. Photonic Network Communications, 2019, 38, 151-166.	2.7	12
9	Optimized Sampling Strategies to Model the Performance of Virtualized Network Functions. Journal of Network and Systems Management, 2020, 28, 1482-1521.	4.9	9
10	Câ€ITS roadâ€side unit deployment on highways with ITS roadâ€side systems: A technoâ€economic approach. IET Intelligent Transport Systems, 2021, 15, 863-874.	3.0	9
11	Improving the FTTH business caseâ€A joint telco-utility network rollout model. Telecommunications Policy, 2014, 38, 426-437.	5.3	8
12	VNF Performance modelling: From stand-alone to chained topologies. Computer Networks, 2020, 181, 107428.	5.1	8
13	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
14	SDN-based gateway architecture for electromagnetic nano-networks. Computer Communications, 2022, 184, 160-173.	5.1	7
15	Dedicated and shared solutions for reliable function splitting in 5G X-haul. Photonic Network Communications, 2020, 40, 245-255.	2.7	3
16	A methodology for multi-actor evaluation of the impact of eCare services. , 2013, , .		2
17	Modeling equipment hierarchy and costs for ICT solutions. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3583.	3.9	2
18	Analysis of the Impact of Misaligned Wireless Backhaul Links on Optical Attocell Networks. , 2020, , .		2

#	ARTICLE	IF	CITATIONS
19	Adaptive Function Chaining for Efficient Design of 5G Xhaul. Lecture Notes in Computer Science, 2020, , 94-107.	1.3	2
20	A Cross-Layer Heuristic Algorithm for Addressing Shadowing Problem in Optical Attocell Networks. , 2020, , .		1
21	On Decomposition and Deployment of Virtualized Media Services. IEEE Transactions on Broadcasting, 2021, 67, 761-775.	3.2	1
22	Optimizing a joint multi-operator planning to reduce deployment costs and urban hinder. Computers and Industrial Engineering, 2020, 144, 106424.	6.3	0
23	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
24	A Greedy Techno-Economic Approach for Selection of C-ITS Roadside Unit Locations along Highways. , 2021, , .		0