

# Abdallah Moubayed

## List of Publications by Year in descending order

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45  
papers

1,253  
citations

623188

14  
h-index

642321

23  
g-index

46  
all docs

46  
docs citations

46  
times ranked

761  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-Stage Optimized Machine Learning Framework for Network Intrusion Detection. IEEE Transactions on Network and Service Management, 2021, 18, 1803-1816.	3.2	109
2	Edge-Enabled V2X Service Placement for Intelligent Transportation Systems. IEEE Transactions on Mobile Computing, 2021, 20, 1380-1392.	3.9	106
3	MTH-IDS: A Multitiered Hybrid Intrusion Detection System for Internet of Vehicles. IEEE Internet of Things Journal, 2022, 9, 616-632.	5.5	103
4	Tree-Based Intelligent Intrusion Detection System in Internet of Vehicles. , 2019, , .		98
5	E-Learning: Challenges and Research Opportunities Using Machine Learning & Data Analytics. IEEE Access, 2018, 6, 39117-39138.	2.6	90
6	Student Engagement Level in an e-Learning Environment: Clustering Using K-means. American Journal of Distance Education, 2020, 34, 137-156.	1.0	76
7	Systematic ensemble model selection approach for educational data mining. Knowledge-Based Systems, 2020, 200, 105992.	4.0	75
8	Software-Defined Perimeter (SDP): State of the Art Secure Solution for Modern Networks. IEEE Network, 2019, 33, 226-233.	4.9	62
9	Wireless Resource Virtualization With Device-to-Device Communication Underlying LTE Network. IEEE Transactions on Broadcasting, 2015, 61, 734-740.	2.5	53
10	Machine learning towards intelligent systems: applications, challenges, and opportunities. Artificial Intelligence Review, 2021, 54, 3299-3348.	9.7	49
11	Multi-split optimized bagging ensemble model selection for multi-class educational data mining. Applied Intelligence, 2020, 50, 4506-4528.	3.3	42
12	Power-Aware Optimized RRH to BBU Allocation in C-RAN. IEEE Transactions on Wireless Communications, 2018, 17, 1311-1322.	6.1	35
13	Efficient Low-Complexity Scheduler for Wireless Resource Virtualization. IEEE Wireless Communications Letters, 2016, 5, 56-59.	3.2	31
14	Clustering Enabled Classification using Ensemble Feature Selection for Intrusion Detection. , 2019, , .		28
15	Detecting Botnet Attacks in IoT Environments: An Optimized Machine Learning Approach. , 2020, , .		27
16	Relationship Between Student Engagement and Performance in E-Learning Environment Using Association Rules. , 2018, , .		26
17	DNS Typo-Squatting Domain Detection: A Data Analytics & Machine Learning Based Approach. , 2018, , .		21
18	QoS-Aware Energy and Jitter-Efficient Downlink Predictive Scheduler for Heterogeneous Traffic LTE Networks. IEEE Transactions on Mobile Computing, 2018, 17, 1411-1428.	3.9	19

#	ARTICLE	IF	CITATIONS
19	Water Leak Detection Survey: Challenges & Research Opportunities Using Data Fusion & Federated Learning. IEEE Access, 2021, 9, 40595-40611.	2.6	19
20	Softwarization, Virtualization, and Machine Learning for Intelligent and Effective Vehicle-to-Everything Communications. IEEE Intelligent Transportation Systems Magazine, 2022, 14, 156-173.	2.6	17
21	Analytical Approximation of Packet Delay Jitter in Simple Queues. IEEE Wireless Communications Letters, 2016, 5, 564-567.	3.2	16
22	Power-Aware Wireless Virtualized Resource Allocation with D2D Communication Underlying LTE Network. , 2016, , .		14
23	Performance Analysis of SDP For Secure Internal Enterprises. , 2019, , .		12
24	Coexistence of WiFi and LTE in the Unlicensed Band Using Time-Domain Virtualization. , 2018, , .		10
25	Cost-optimal V2X Service Placement in Distributed Cloud/Edge Environment. , 2020, , .		10
26	Multi-Perspective Content Delivery Networks Security Framework Using Optimized Unsupervised Anomaly Detection. IEEE Transactions on Network and Service Management, 2022, 19, 686-705.	3.2	10
27	Optimized Random Forest Model for Botnet Detection Based on DNS Queries. , 2020, , .		10
28	Towards Intelligent LTE Mobility Management through MME Pooling. , 2015, , .		9
29	Ensemble-based Feature Selection and Classification Model for DNS Typo-squatting Detection. , 2020, , .		9
30	Optimal Container Migration/Re-Instantiation in Hybrid Computing Environments. IEEE Open Journal of the Communications Society, 2022, 3, 15-30.	4.4	9
31	Dynamic SON-Enabled Location Management in LTE Networks. IEEE Transactions on Mobile Computing, 2018, 17, 1511-1523.	3.9	8
32	On End-to-End Intelligent Automation of 6G Networks. Future Internet, 2022, 14, 165.	2.4	7
33	Power-Aware Coexistence of Wi-Fi and LTE in the Unlicensed Band Using Time-Domain Virtualization. Canadian Journal of Electrical and Computer Engineering, 2021, 44, 289-301.	1.5	6
34	On efficient power allocation modeling in virtualized uplink 3GPP-LTE systems. , 2015, , .		5
35	Distributed SDN Controller Placement Using Betweenness Centrality & Hierarchical Clustering. , 2018, , .		5
36	Dynamic Spectrum Management through Resource Virtualization with M2M Communications. IEEE Communications Magazine, 2018, 56, 121-127.	4.9	4

#	ARTICLE	IF	CITATIONS
37	Detecting DNS Typo-Squatting Using Ensemble-Based Feature Selection & Classification Models D�tection du typosquatting DNS � l'aide de mod�les de s�lection et de classification bas�s sur un ensemble de caract�ristiques. Canadian Journal of Electrical and Computer Engineering, 2021, , 1-11.	1.5	4
38	Machine Learning Towards Enabling Spectrum-as-a-Service Dynamic Sharing. , 2020, , .		4
39	Collaborative Multi-Layer Network Coding in Hybrid Cellular Cognitive Radio Networks. , 2015, , .		3
40	Investigating the energy-efficiency/delay jitter trade off for VoLTE in LTE downlink. , 2017, , .		3
41	Virtualized allocation performance analysis in 5G two-tier cellular networks. , 2016, , .		2
42	Green Distributed Cloud Services Provisioning in SDN-enabled Cloud Environment. , 2018, , .		2
43	Comparing configurations for car speed measurements using passive RFID tags. , 2012, , .		1
44	Towards Intelligent LTE Mobility Management through MME Pooling. , 2014, , .		1
45	Mobility Aware Edge Computing Segmentation Towards Localized Orchestration. , 2021, , .		1