

# Abbas Bradai

## List of Publications by Year in descending order

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27  
papers

734  
citations

567281

15  
h-index

752698

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g-index

27  
all docs

27  
docs citations

27  
times ranked

813  
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy Efficiency Optimization in LoRa Networksâ€”A Deep Learning Approach. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 15435-15447.	8.0	8
2	Deep reinforcement learning techniques for vehicular networks: Recent advances and future trends towards 6G. Vehicular Communications, 2022, 33, 100398.	4.0	18
3	On the Spectral Efficiency of LoRa Networks: Performance Analysis, Trends and Optimal Points of Operation. IEEE Transactions on Communications, 2022, 70, 2788-2804.	7.8	6
4	Deep Federated Q-Learning-Based Network Slicing for Industrial IoT. IEEE Transactions on Industrial Informatics, 2021, 17, 5572-5582.	11.3	66
5	Joint slice-based spreading factor and transmission power optimization in LoRa smart city networks. Internet of Things (Netherlands), 2021, 14, 100121.	7.7	15
6	Machine Learning Modelling-Powered IoT Systems for Smart Applications. Lecture Notes on Data Engineering and Communications Technologies, 2021, , 185-212.	0.7	1
7	In-Depth Performance Evaluation of Network Slicing Strategies in Large Scale Industry 4.0. , 2021, , .		5
8	Energy Efficiency Analysis of LoRa Networks. IEEE Wireless Communications Letters, 2021, 10, 1881-1885.	5.0	19
9	On the Performance of Physical Layer Security of RIS-aided Communications. , 2021, , .		3
10	Online GMM Clustering and Mini-Batch Gradient Descent Based Optimization for Industrial IoT 4.0. IEEE Transactions on Industrial Informatics, 2020, 16, 1427-1435.	11.3	37
11	A New Closed-Form Expression of the Coverage Probability for Different QoS in LoRa Networks. , 2020, , .		9
12	Software-Defined Networking (SDN) and Network Function Virtualization (NFV) for a Hyperconnected World: Challenges, Applications, and Major Advancements. Journal of Network and Systems Management, 2020, 28, 433-435.	4.9	11
13	Learning-Based IoT Data Aggregation for Disaster Scenarios. IEEE Access, 2020, 8, 128490-128497.	4.2	14
14	A Survey of Localization Systems in Internet of Things. Mobile Networks and Applications, 2019, 24, 761-785.	3.3	122
15	Network Slicing Optimization in Large Scale LoRa Wide Area Networks. , 2019, , .		9
16	Adaptive dynamic network slicing in LoRa networks. Future Generation Computer Systems, 2019, 98, 697-707.	7.5	46
17	Distributed Network Slicing in Large Scale IoT Based on Coalitional Multi-Game Theory. IEEE Transactions on Network and Service Management, 2019, 16, 1567-1580.	4.9	34
18	Single and Multi-Domain Adaptive Allocation Algorithms for VNF Forwarding Graph Embedding. IEEE Transactions on Network and Service Management, 2019, 16, 98-112.	4.9	40

#	ARTICLE	IF	CITATIONS
19	Joint Energy and QoS-Aware Memetic-Based Scheduling for M2M Communications in LTE-M. IEEE Transactions on Emerging Topics in Computational Intelligence, 2019, 3, 217-229.	4.9	22
20	A new fuzzy logic based node localization mechanism for Wireless Sensor Networks. Future Generation Computer Systems, 2019, 93, 799-813.	7.5	52
21	Design and experimental implementation of monitoring system in wireless sensor networks. IET Wireless Sensor Systems, 2018, 8, 350-359.	1.7	4
22	A novel intelligent mechanism for monitoring in wireless sensor networks. , 2017, , .		2
23	Scheduling Wireless Virtual Networks Functions. IEEE Transactions on Network and Service Management, 2016, 13, 240-252.	4.9	107
24	Dynamic anchor points selection for mobility management in Software Defined Networks. Journal of Network and Computer Applications, 2015, 57, 1-11.	9.1	34
25	EMCOS: Energy-efficient Mechanism for Multimedia Streaming over Cognitive Radio Sensor Networks. Pervasive and Mobile Computing, 2015, 22, 16-32.	3.3	24
26	ViCoV: Efficient video streaming for cognitive radio VANET. Vehicular Communications, 2014, 1, 105-122.	4.0	22
27	Network Slicing for Industrial IoT and Industrial Wireless Sensor Network: Deep Federated Learning Approach and Its Implementation Challenges. , 0, , .		4