Adnan Shahid

List of Publications by Year
in descending order

32 papers	939 citations	623734 14 h-index	752698 20 g-index
32 all docs	32 docs citations	32 times ranked	1067 citing authors

#	Article	IF	Citations
1	Embedded AI-Based Digi-Healthcare. Applied Sciences (Switzerland), 2022, 12, 519.	2.5	16
2	Bluetooth-Low-Energy-Based Fall Detection and Warning System for Elderly People in Nursing Homes. Journal of Sensors, 2022, 2022, 1-14.	1.1	8
3	Energy-Efficient Resource Allocation for Ultra-Dense Licensed and Unlicensed Dual-Access Small Cell Networks. IEEE Transactions on Mobile Computing, 2021, 20, 983-1000.	5.8	20
4	Machine Learning Enabled Wi-Fi Saturation Sensing for Fair Coexistence in Unlicensed Spectrum. IEEE Access, 2021, 9, 42959-42974.	4.2	14
5	Coexistence Scheme for Uncoordinated LTE and WiFi Networks Using Experience Replay Based Q-Learning. Sensors, 2021, 21, 6977.	3.8	12
6	The CODYSUN Approach: A Novel Distributed Paradigm for Dynamic Spectrum Sharing in Satellite Communications. Sensors, 2021, 21, 8052.	3.8	0
7	Adaptive CNN-based Private LTE Solution for Fair Coexistence with Wi-Fi in Unlicensed Spectrum. , 2020, , .		4
8	Edge Inference for UWB Ranging Error Correction Using Autoencoders. IEEE Access, 2020, 8, 139143-139155.	4.2	29
9	Intra-Network Interference Robustness: An Empirical Evaluation of IEEE 802.15.4-2015 SUN-OFDM. Electronics (Switzerland), 2020, 9, 1691.	3.1	3
10	A Convolutional Neural Network Approach for Classification of LPWAN Technologies: Sigfox, LoRA and IEEE 802.15.4g. , 2019, , .		16
11	Towards low-complexity wireless technology classification across multiple environments. Ad Hoc Networks, 2019, 91, 101881.	5.5	26
12	Enhancing the Coexistence of LTE and Wi-Fi in Unlicensed Spectrum Through Convolutional Neural Networks. IEEE Access, 2019, 7, 28464-28477.	4.2	39
13	A semi-supervised learning approach towards automatic wireless technology recognition. , 2019, , .		14
14	Dynamic and Collaborative Spectrum Sharing: The SCATTER Approach. , 2019, , .		11
15	An adaptive LTE listen-before-talk scheme towards a fair coexistence with Wi-Fi in unlicensed spectrum. Telecommunication Systems, 2018, 68, 701-721.	2.5	22
16	A Q-Learning Scheme for Fair Coexistence Between LTE and Wi-Fi in Unlicensed Spectrum. IEEE Access, 2018, 6, 27278-27293.	4.2	51
17	A Survey on Hybrid Beamforming Techniques in 5G: Architecture and System Model Perspectives. IEEE Communications Surveys and Tutorials, 2018, 20, 3060-3097.	39.4	456
18	Self-Organized Energy-Efficient Cross-Layer Optimization for Device to Device Communication in Heterogeneous Cellular Networks. IEEE Access, 2017, 5, 1117-1128.	4.2	22

#	Article	IF	Citations
19	Resource Allocation for Transmit Hybrid Beamforming in Decoupled Millimeter Wave Multiuser-MIMO Downlink. IEEE Access, 2017, 5, 170-182.	4.2	28
20	Energy Harvesting Non-Orthogonal Multiple Access System With Multi-Antenna Relay and Base Station. IEEE Access, 2017, 5, 17660-17670.	4.2	45
21	Cooperation Techniques between LTE in Unlicensed Spectrum and Wi-Fi towards Fair Spectral Efficiency. Sensors, 2017, 17, 1994.	3.8	17
22	Device Centric Throughput and QoS Optimization for IoTsin a Smart Building Using CRN-Techniques. Sensors, 2016, 16, 1647.	3.8	14
23	A docitive Qâ€learning approach towards joint resource allocation and power control in selfâ€organised femtocell networks. Transactions on Emerging Telecommunications Technologies, 2015, 26, 216-230.	3.9	23
24	A Potential Game Approach Towards Distributive Interference Management in OFDMA-Based Femtocell Networks. , 2014, , .		0
25	Genetic algorithm based self-organized resource allocation in LTE-Advanced network. , 2014, , .		1
26	Distributed joint resource and power allocation in self-organized femtocell networks: A potential game approach. Journal of Network and Computer Applications, 2014, 46, 280-292.	9.1	16
27	An energy-efficient game theoretic approach towards resource block and power allocation in femtocell networks. , 2014, , .		1
28	Optimized control channel selection scheme for cognitive radio network within smart buildings. , 2013, , .		0
29	GA-CSS: Genetic Algorithm Based Control Channel Selection Scheme for Cognitive Radio Networks. , 2013, , .		4
30	A Decentralized Heuristic Approach towards Resource Allocation in Femtocell Networks. Entropy, 2013, 15, 2524-2547.	2.2	15
31	Component carrier selection method for LTE-Advanced using metaheuristic approach. , 2013, , .		2
32	IMS: Interference minimization scheme for cognitive radio networks using Hungarian algorithm. , 2012, , .		10