Reza Berangi

List of Publications by Year in descending order

33 papers	**456** citations	1163117 **8** h-index	752698 **20** g-index
33 all docs	**33** docs citations	**33** times ranked	**416** citing authors

#	Article	IF	Citations
1	Driver behavior detection and classification using deep convolutional neural networks. Expert Systems With Applications, 2020, 149, 113240.	7.6	172
2	A survey of regularization strategies for deep models. Artificial Intelligence Review, 2020, 53, 3947-3986.	15.7	71
3	Modeling of rate-based congestion control schemes in cognitive radio sensor networks. Ad Hoc Networks, 2016, 36, 177-188.	5.5	29
4	ECCN: an extended CCN architecture to improve data access in vehicular content-centric network. Journal of Supercomputing, 2018, 74, 205-221.	3.6	28
5	CogNS: A Simulation Framework for Cognitive Radio Networks. Wireless Personal Communications, 2013, 72, 2849-2865.	2.7	25
6	Modulation classification of QAM and PSK from their constellation using Genetic Algorithm and hierarchical clustering. , 2008, , .		21
7	A Fault Tolerant NoC Architecture for Reliability Improvement and Latency Reduction. , 2009, , .		14
8	A new congestion control mechanism for transport protocol of cognitive radio sensor networks. AEU - International Journal of Electronics and Communications, 2018, 85, 134-143.	2.9	11
9	SparseMaps: Convolutional networks with sparse feature maps for tiny image classification. Expert Systems With Applications, 2019, 119, 142-154.	7.6	11
10	A correlation–based and spectrum–aware admission control mechanism for multimedia streaming in cognitive radio sensor networks. International Journal of Communication Systems, 2017, 30, e2986.	2.5	10
11	Driver behaviour detection using 1D convolutional neural networks. Electronics Letters, 2021, 57, 119-122.	1.0	9
12	Mobility assisted spectrum aware routing protocol for cognitive radio ad hoc networks. Journal of Zhejiang University: Science C, 2013, 14, 873-886.	0.7	6
13	The impact of mobility models on the performance of P2P content discovery protocols over mobile ad hoc networks. Peer-to-Peer Networking and Applications, 2014, 7, 66-85.	3.9	6
14	Stochastic backlog and delay bounds of generic rate-based AIMD congestion control scheme in cognitive radio sensor networks. Pervasive and Mobile Computing, 2015, 22, 46-57.	3.3	6
15	Impact of Secondary User Block on the TCP Throughput in Cognitive Radio Sensor Networks. Wireless Personal Communications, 2019, 109, 2221-2238.	2.7	5
16	On the Optimality of Generic Rate-Based AIMD and AIAD Congestion Control Schemes in Cognitive Radio Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 11, 614643.	2.2	4
17	Impact of the primary user on the secondary user blocking probability incognitive radio sensor networks. Turkish Journal of Electrical Engineering and Computer Sciences, 2019, 27, 2081-2092.	1.4	4
18	An anti-storm approach for IP address auto-configuration in Mobile Ad Hoc Networks. , 2008, , .		3

#	Article	IF	Citations
19	A multi-path routing protocol with fault tolerance in mobile ad hoc networks. , 2009, , .		3
20	Vertical Handoff from WLAN to Cellular Network Based on Relay Environment. Arabian Journal for Science and Engineering, 2020, 45, 6259-6272.	3.0	3
21	WLAN bandwidth support for relay-based upward handover in WLAN/cellular systems. AEU - International Journal of Electronics and Communications, 2020, 116, 153067.	2.9	3
22	Performance Analysis and Improvement Content Discovery Protocols Over Vehicular Networks. Wireless Personal Communications, 2014, 75, 857-899.	2.7	2
23	Optimal SMDP-Based Connection Admission Control Mechanism in Cognitive Radio Sensor Networks. ETRI Journal, 2017, 39, 345-352.	2.0	2
24	OrthoMaps: an efficient convolutional neural network with orthogonal feature maps for tiny image classification. IET Image Processing, 2019, 13, 2067-2076.	2.5	2
25	A cooperative single target tracking algorithm using binary sensor networks. , 2008, , .		1
26	A Fast Distributed Target Tracking Algorithm for Low Density Binary Sensor Networks. , 2008, , .		1
27	On Updating the Shortest Path in Fuzzy Graphs. , 2008, , .		1
28	A new low cost fault tolerant solution for mesh based NoCs. , 2010, , .		1
29	Delay sensitive and power-aware SMDP-based connection admission control mechanism in cognitive radio sensor networks. Computer Communications, 2017, 106, 1-10.	5.1	1
30	Bankruptcy approach to integrity aware resource management in a cloud federation. Cluster Computing, 2021, 24, 3469-3494.	5.0	1
31	Authentication and authorizing scheme based on umts aka protocol for cognitive radio networks. , 2015, , .		0
32	WLAN Bandwidth-Based Handoff from WLAN to Cellular Network Assisted by Ad hoc Relaying. Wireless Personal Communications, 2020, 114, 1597-1622.	2.7	0
33	Handoff in WLAN/cellular systems based on a hybrid of WLAN bandwidth and ad hoc relaying strategies. Telecommunication Systems, 2020, 75, 401-410.	2.5	0