

# Sharifah Ariffin

## List of Publications by Year in descending order

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27  
papers

156  
citations

1684188

5  
h-index

1474206

9  
g-index

28  
all docs

28  
docs citations

28  
times ranked

156  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Learning Framework for Smooth-Aided Machine-Learning-Based Backbone Traffic Forecasts. Sensors, 2022, 22, 3592.	3.8	5
2	Detection and Classification of Conflict Flows in SDN Using Machine Learning Algorithms. IEEE Access, 2021, 9, 76024-76037.	4.2	21
3	Analytical Approach to Study Sensing Properties of Graphene Based Gas Sensor. Sensors, 2020, 20, 1506.	3.8	17
4	An Analytical Conductance Model for Gas Detection Based on a Zigzag Carbon Nanotube Sensor. Sensors, 2020, 20, 357.	3.8	4
5	Analytical Prediction of Highly Sensitive CNT-FET-Based Sensor Performance for Detection of Gas Molecules. IEEE Access, 2020, 8, 12655-12661.	4.2	9
6	A carrier velocity model for electrical detection of gas molecules. Beilstein Journal of Nanotechnology, 2019, 10, 644-653.	2.8	1
7	Implementation of social insect model in tunnel Wireless Sensor Network (TWSN). , 2012, , .		0
8	Adaptive transport layer protocol for highly dynamic environment. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	2.4	1
9	Handover signaling for mobile user in relay LTE-Advanced environment. , 2011, , .		1
10	Testbed design for Wireless Biomedical Sensor Network (WBSN) application. , 2011, , .		6
11	Biological inspired secure autonomous routing mechanism for wireless sensor networks. International Journal of Intelligent Information and Database Systems, 2011, 5, 313.	0.3	8
12	Optimizing Distributed Cooperative Sensing Performance Using Swarm Intelligence. Communications in Computer and Information Science, 2011, , 407-420.	0.5	0
13	Integration of Cooperative Sensing and Transmission. IEEE Vehicular Technology Magazine, 2010, 5, 46-53.	3.4	10
14	A Cross-Layer Approach in Sensing and Resource Allocation for Multimedia Transmission over Cognitive UWB Networks. Eurasip Journal on Wireless Communications and Networking, 2010, 2010, .	2.4	4
15	An Indoor 3D Location Tracking System Using RSSI. , 2010, , .		7
16	Joint resource allocation and sensing scheduling for cognitive ultra wideband. , 2010, , .		0
17	Optimal forwarding routing protocol in IPv6-based Wireless Sensor Networks. , 2009, , .		1
18	Cross layer error-control scheme for video quality support over 802.11b wireless LAN. , 2009, , .		2

#	ARTICLE	IF	CITATIONS
19	Biological inspired self-optimized routing algorithm for wireless sensor networks. , 2009, , .		9
20	Simulation of Position-Based Routing Protocol in Wireless Mobile Ad Hoc Network. , 2009, , .		5
21	RSSI measurements for enabling IEEE 802.15.4 coexistence with IEEE 802.11b/g. , 2009, , .		11
22	Cross layer based biological inspired self-organized routing protocol for wireless sensor network. , 2009, , .		5
23	Application of the generalised ballot theorem for evaluation of performance in packet buffers with non-first in first out scheduling. IET Communications, 2009, 3, 933.	2.2	1
24	Performance Study of Wireless Body Area Network in Medical Environment. , 2008, , .		25
25	H264/AVC features & functionalities suitable for wireless video transmission. , 2008, , .		2
26	Quality of Service for Packet Video over P2P Network using Active Measurement. , 2008, , .		0
27	Quality-of-Service Provisioning using Hierarchical Scheduling in Optical Burst Switched Network. , 2007, , .		1