

# Sherif M Abuelenin

## List of Publications by Year in descending order

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23  
papers

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citations

1478505

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1474206

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g-index

24  
all docs

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docs citations

24  
times ranked

139  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Generalized Framework for Connectivity Analysis in Vehicle-to-Vehicle Communications. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 5894-5898.	8.0	8
2	Connectivity analysis of directed highway vehicular ad hoc networks using graph theory. International Journal of Communication Systems, 2021, 34, e4745.	2.5	8
3	A Deep Learning Approach for Channel Estimation in 5G Wireless Communications. , 2021, , .		5
4	Deep Learning on Synthesized Sensor Characteristics and Transmission Spectra Enabling MEMS-Based Spectroscopic Gas Analysis beyond the Fourier Transform Limit. Foundations, 2021, 1, 304-317.	1.3	3
5	Studying Connectivity Probability and Connection Duration in Freeway VANETs. Studies in Systems, Decision and Control, 2020, , 27-38.	1.0	2
6	Efficient ray-tracing procedure for radio wave propagation modeling using homogeneous geometric algebra. Electromagnetics, 2020, 40, 388-408.	0.7	4
7	Super-resolution infrared spectroscopy for gas analysis using convolutional neural networks. , 2020, , .		2
8	Using Geometric Algebra for Formulating Electromagnetic Propagation Ray-Tracing Preprocessing. , 2020, , 223-230.		0
9	Performance Analysis of Fog-Based Radio Access Networks. IEEE Access, 2019, 7, 106195-106203.	4.2	6
10	On the spectral unfolding of chaotic and mixed systems. Physica A: Statistical Mechanics and Its Applications, 2018, 492, 564-570.	2.6	8
11	Comment on "Spectral analysis of deformed random networks". Physical Review E, 2018, 97, 066301.	2.1	0
12	Performance Analysis of a Multi-layered SVD Based STBC System. Wireless Personal Communications, 2017, 96, 3113-3125.	2.7	1
13	An accurate memristor model based on a novel definition of memristance. , 2016, , .		0
14	Quantitative Analysis of Memristance Defined Exponential Model for Multi-bits Titanium Dioxide Memristor Memory Cell. Advances in Electrical and Computer Engineering, 2016, 16, 75-84.	0.9	2
15	Moment Analysis of Highway-Traffic Clearance Distribution. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 2543-2550.	8.0	11
16	Memristor model based on fuzzy window function. , 2015, , .		4
17	Effect of minimum headway distance on connectivity of VANETs. AEU - International Journal of Electronics and Communications, 2015, 69, 867-871.	2.9	18
18	Accuracy enhancement of pickett tunnelling barrier memristor model. , 2014, , .		2

#	ARTICLE	IF	CITATIONS
19	Performance analysis of a combined STC-SVD MIMO-OFDM system. , 2014, , .		0
20	Decomposed interval Type-2 fuzzy systems with application to inverted pendulum. , 2014, , .		4
21	Empirical study of traffic velocity distribution and its effect on VANETs connectivity. , 2014, , .		22
22	Effect of Unfolding on the Spectral Statistics of Adjacency Matrices of Complex Networks. Procedia Computer Science, 2012, 12, 69-74.	2.0	14
23	Design and simulation of a hybrid controller for a multi-input multi-output magnetic suspension system. , 2009, , .		4