

Saddam Husain

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

160
citations

1684188

5
h-index

2053705

5
g-index

12
all docs

12
docs citations

12
times ranked

54
citing authors

#	ARTICLE	IF	CITATIONS
1	Decision Tree Based Small-Signal Modelling of GaN HEMT and CAD Implementation. , 2022, , .		3
2	Large-Signal Modeling of GaN HEMTs Using Hybrid GA-ANN, PSO-SVR, and GPR-Based Approaches. IEEE Journal of the Electron Devices Society, 2021, 9, 195-208.	2.1	30
3	Genetic algorithm initialized artificial neural network based temperature dependent <scp>smallâ€signal</scp> modeling technique for <scp>GaN</scp> high electron mobility transistors. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22542.	1.2	22
4	Gaussian Process Regression for Small-Signal Modelling of GaN HEMTs. , 2021, , .		3
5	On temperatureâ€dependent smallâ€signal modelling of GaN HEMTs using artificial neural networks and support vector regression. IET Microwaves, Antennas and Propagation, 2021, 15, 937-953.	1.4	20
6	Demonstration of CAD Deployability for GPR Based Small-Signal Modelling of GaN HEMT. , 2021, , .		8
7	Machine Learning Based Prediction Models for the Percentage Deaths Due to COVID-19. , 2021, , .		1
8	Small signal behavioral modeling technique of GaN high electron mobility transistor using artificial neural network: An accurate, fast, and reliable approach. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22112.	1.2	26
9	A Generic and Efficient Globalized Kernel Mapping-Based Small-Signal Behavioral Modeling for GaN HEMT. IEEE Access, 2020, 8, 195046-195061.	4.2	21
10	GPR and ANN based Prediction Models for COVID-19 Death Cases. , 2020, , .		10
11	On Diabetes Classification and Prediction using Artificial Neural Networks. , 2020, , .		3
12	A Reliable and Fast ANN Based Behavioral Modeling Approach for GaN HEMT. , 2019, , .		13