

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 | 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 |
| 2 | 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 |
| 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 | A Generic and Efficient Globalized Kernel Mapping-Based Small-Signal Behavioral Modeling for GaN HEMT. IEEE Access, 2020, 8, 195046-195061. | 4.2 | 21 |
| 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 | A Reliable and Fast ANN Based Behavioral Modeling Approach for GaN HEMT. , 2019, , . | | 13 |
| 7 | GPR and ANN based Prediction Models for COVID-19 Death Cases. , 2020, , . | | 10 |
| 8 | Demonstration of CAD Deployability for GPR Based Small-Signal Modelling of GaN HEMT. , 2021, , . | | 8 |
| 9 | Gaussian Process Regression for Small-Signal Modelling of GaN HEMTs. , 2021, , . | | 3 |
| 10 | On Diabetes Classification and Prediction using Artificial Neural Networks. , 2020, , . | | 3 |
| 11 | Decision Tree Based Small-Signal Modelling of GaN HEMT and CAD Implementation. , 2022, , . | | 3 |
| 12 | Machine Learning Based Prediction Models for the Percentage Deaths Due to COVID-19. , 2021, , . | | 1 |