

Hassen Zairi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10591078/publications.pdf>

Version: 2024-02-01

29
papers

141
citations

1307594

7
h-index

1281871

11
g-index

29
all docs

29
docs citations

29
times ranked

69
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable Attenuator Based on Hybrid Metal-Graphene Structure on Spoof Surface Plasmon Polaritons Waveguide. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2022, , 154-164.	0.5	0
2	Sensitivity Optimization of Biosensors Based on Two-Dimensional Materials for Breast Health Monitoring. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2022, 12, 715-722.	2.5	0
3	Numerical investigation of a new sensor for blood glucose detection using an improved wave concept iterative process method. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2022, 35, .	1.9	1
4	Tunable Attenuator Based on Hybrid Metal-Graphene Structure on Spoof Surface Plasmon Polaritons Waveguide. Advances in Computer and Electrical Engineering Book Series, 2022, , 232-244.	0.3	0
5	Performance analysis of dynamically controllable terahertz grounded coplanar waveguide attenuator based on graphene using wave concept iterative process method. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22517.	1.2	5
6	Modeling of a Metamaterial Biosensor Based on Split Ring Resonators for Cancer Cells Detection. , 2021, , .		6
7	Numerical Simulation of Tunable Terahertz Graphene-Based Sensor for Breast Tumor Detection. IEEE Sensors Journal, 2021, 21, 9844-9851.	4.7	17
8	Graphene Based-Sensor for Basal Cell Carcinoma Detection. IEEE Sensors Journal, 2021, 21, 19930-19937.	4.7	6
9	Metamaterial Antenna Analysis using Wave Concept Iterative Process. , 2021, , .		2
10	Reconfigurable Filter Based on Two-dimensional Materials. , 2021, , .		0
11	Terahertz microstrip circulator based on graphene. Journal of Electromagnetic Waves and Applications, 2020, 34, 2339-2348.	1.6	3
12	Tunable attenuator based on hybrid graphene-black phosphorus microstrip line for terahertz applications. Optik, 2020, 216, 164827.	2.9	11
13	Modeling of Magnetically Biased Graphene Coupler at Terahertz Frequency Through an Improved Anisotropic WCIP Method. IEEE Transactions on Magnetics, 2020, 56, 1-8.	2.1	10
14	Comparative investigation of two-dimensional materials for the design of non-reciprocal antennas in terahertz band. Optik, 2020, 205, 164267.	2.9	1
15	Dual-Band Reconfigurable Graphene Antenna For THz Applications. , 2020, , .		0
16	Graphene patch array antenna at 60 GHz for 5G Millimeter-Wave Communications. , 2020, , .		0
17	Terahertz Substrate Integrated Waveguide Wideband Antenna for Medical Imaging and Satellite Communications Applications. , 2019, , .		0
18	A miniaturized metamaterial unit cell for 5G applications. , 2019, , .		5

#	ARTICLE	IF	CITATIONS
19	Planar Dual-Band ISM Antenna for Wireless Sensors. , 2019, , .		0
20	EFFECTIVE MODELING OF MAGNETIZED GRAPHENE BY THE WAVE CONCEPT ITERATIVE PROCESS METHOD USING BOUNDARY CONDITIONS. Progress in Electromagnetics Research C, 2019, 89, 121-132.	0.9	9
21	Tunable filter based on hybrid metal-graphene structures over an ultrawide terahertz band using an improved Wave Concept Iterative Process method. Optik, 2019, 181, 423-431.	2.9	16
22	Design of graphene patch array antenna for 5G applications. , 2018, , .		2
23	DUAL-BAND RECONFIGURABLE GRAPHENE-BASED PATCH ANTENNA IN TERAHERTZ BAND: DESIGN, ANALYSIS AND MODELING USING WCIP METHOD. Progress in Electromagnetics Research C, 2018, 87, 213-226.	0.9	26
24	Design of a microwave biosensor using a defected CSRR for cancer cells characterization. , 2018, , .		2
25	Liquid filled method for substrate integrated waveguide reconfigurable filter. , 2018, , .		5
26	Low loss substrate integrated waveguide slot antenna. , 2017, , .		1
27	Design and development of circular filter using QSIW resonator. , 2017, , .		2
28	An efficient iterative method for analysis of a substrate integrated waveguide structures. Microwave and Optical Technology Letters, 2010, 52, 45-48.	1.4	9
29	A new iterative method for analysing nonlinear photonic-crystal structures. International Journal of Electronics, 2010, 97, 1329-1337.	1.4	2