

Panagiotis C Theofanopoulos

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

171
citations

1478280

6
h-index

1588896

8
g-index

18
all docs

18
docs citations

18
times ranked

102
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Evaluation of Reconfigurable Intelligent Surfaces in Real-World Environment. IEEE Open Journal of the Communications Society, 2022, 3, 462-474.	4.4	54
2	A new principle of pulse detection based on terahertz wave plethysmography. Scientific Reports, 2022, 12, 6347.	1.6	12
3	Erratum to "Mitigating Quantization Lobes in mmWave Low-Bit Reconfigurable Reflective Surfaces": IEEE Open Journal of Antennas and Propagation, 2021, 2, 937-937.	2.5	0
4	Fabrication and Characterization of a 900-Element 222.5 GHz Single-bit Reflective Surface with Suppressed Quantization Lobes. , 2021, , .		0
5	Mitigating Quantization Lobes in mmWave Low-Bit Reconfigurable Reflective Surfaces. IEEE Open Journal of Antennas and Propagation, 2020, 1, 604-614.	2.5	26
6	Modeling and Analysis of Terahertz Graphene Switches for On-Wafer Coplanar Transmission Lines. Journal of Infrared, Millimeter, and Terahertz Waves, 2020, 41, 758-775.	1.2	3
7	A Novel 2-Bit Graphene Reconfigurable Reflectarray. , 2020, , .		9
8	Mitigating Quantization Lobes in Reconfigurable Reflective Surfaces. , 2020, , .		2
9	High-yield fabrication method for high-frequency graphene devices using titanium sacrificial layers. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2019, 37, .	0.6	4
10	Multistatic Terahertz Imaging Using the Radon Transform. IEEE Transactions on Antennas and Propagation, 2019, 67, 2700-2709.	3.1	24
11	On-Wafer Graphene Devices for THz Applications Using a High-Yield Fabrication Process. , 2019, , .		3
12	Toward Large-Scale Dynamically Reconfigurable Apertures Using Graphene. , 2019, , .		5
13	Modeling of Sub-Millimeter Wave Coplanar Waveguide Graphene Switches. , 2019, , .		3
14	Modeling of mmW and THz Imaging Systems Using Conjugate Field Coupling. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 213-216.	2.4	6
15	A Novel Fingerprint Scanning Method Using Terahertz Imaging. , 2018, , .		8
16	A Terahertz Microscopy Technique for Sweat Duct Detection. , 2018, , .		3
17	Investigation of Nonreciprocal Dispersion Phenomena in Anisotropic Periodic Structures Based on a Curvilinear FDFD Method. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 36-49.	2.9	7
18	A novel THz radar imaging system using the radon transform. , 2017, , .		2