

Panagiotis C Theofanopoulos

List of Publications by Year in descending order

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18
papers

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docs citations

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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 | Mitigating Quantization Lobes in mmWave Low-Bit Reconfigurable Reflective Surfaces. IEEE Open Journal of Antennas and Propagation, 2020, 1, 604-614. | 2.5 | 26 |
| 3 | Multistatic Terahertz Imaging Using the Radon Transform. IEEE Transactions on Antennas and Propagation, 2019, 67, 2700-2709. | 3.1 | 24 |
| 4 | A new principle of pulse detection based on terahertz wave plethysmography. Scientific Reports, 2022, 12, 6347. | 1.6 | 12 |
| 5 | A Novel 2-Bit Graphene Reconfigurable Reflectarray. , 2020, , . | | 9 |
| 6 | A Novel Fingerprint Scanning Method Using Terahertz Imaging. , 2018, , . | | 8 |
| 7 | 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 |
| 8 | Modeling of mmW and THz Imaging Systems Using Conjugate Field Coupling. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 213-216. | 2.4 | 6 |
| 9 | Toward Large-Scale Dynamically Reconfigurable Apertures Using Graphene. , 2019, , . | | 5 |
| 10 | 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 |
| 11 | A Terahertz Microscopy Technique for Sweat Duct Detection. , 2018, , . | | 3 |
| 12 | On-Wafer Graphene Devices for THz Applications Using a High-Yield Fabrication Process. , 2019, , . | | 3 |
| 13 | Modeling of Sub-Millimeter Wave Coplanar Waveguide Graphene Switches. , 2019, , . | | 3 |
| 14 | 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 |
| 15 | A novel THz radar imaging system using the radon transform. , 2017, , . | | 2 |
| 16 | Mitigating Quantization Lobes in Reconfigurable Reflective Surfaces. , 2020, , . | | 2 |
| 17 | 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 |
| 18 | Fabrication and Characterization of a 900-Element 222.5 GHz Single-bit Reflective Surface with Suppressed Quantization Lobes. , 2021, , . | | 0 |