

Michalis Nitas

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	E-B Eigenmode Formulation for the Analysis of Lossy and Evanescent Modes in Periodic Structures and Metamaterials. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	16
2	Fully planar slow-wave substrate integrated waveguide based on broadside-coupled complementary split ring resonators for mmWave and 5G components. IET Microwaves, Antennas and Propagation, 2020, 14, 1096-1107.	1.4	12
3	Numerical Calculation of Dispersion Diagrams and Field Distributions of Waves in 3-D Periodic Split-Ring Resonator Media. IEEE Transactions on Magnetics, 2019, 55, 1-4.	2.1	11
4	Analysis and design of a CSRR-based fully planar substrate-integrated waveguide for millimeter-wave circuits and antennas. , 2017, , .		10
5	COMPUTATIONAL ANALYSIS OF GRAPHENE-BASED PERIODIC STRUCTURES VIA A THREE-DIMENSIONAL FIELD-FLUX EIGENMODE FINITE ELEMENT FORMULATION. Progress in Electromagnetics Research M, 2020, 92, 157-167.	0.9	7
6	Characterization of Edge-Coupled Broadside- Coupled and Complementary Split-Ring Resonator Periodic Media Based on Numerical Solutions of Eigenvalue Problems. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 5259-5269.	4.6	6
7	Analysis and design of fully planar CSRR-enhanced substrate-integrated waveguides and slot antennas for 5G communications. , 2018, , .		4
8	Electromagnetic parameter retrieval technique utilizing eigenvalue analysis and field averaging. Journal of Applied Physics, 2022, 131, 114902.	2.5	3
9	E-B eigenmode formulation for the analysis of lossy and evanescent modes in periodic structures and metamaterials. , 2016, , .		1
10	A fully planar antenna for millimeter-wave and 5G communications based on a new CSRR-enhanced substrate-integrated waveguide. , 2017, , .		1
11	Fully Planar CSRR-SIW Slot Antennas of Optimized Gain and Enhanced Bandwidth for Millimeter Wave and 5G Communications. , 2019, , .		1
12	Comparison of Split-Ring Resonator Composite Periodic Media based on Numerical Eigensolutions. , 2021, , .		1
13	Design of Fully Planar Cost-Effective Metamaterial-Enhanced SIW Antennas for 5G Applications. , 2022, , .		1