

Tae-Wan Kim

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

104
citations

1478505

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1372567

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12
all docs

12
docs citations

12
times ranked

161
citing authors

#	ARTICLE	IF	CITATIONS
1	Fully Digital Beamforming Receiver With a Real-Time Calibration for 5G Mobile Communication. IEEE Transactions on Antennas and Propagation, 2019, 67, 3809-3819.	5.1	35
2	Metallic post-array loaded cylindrical dielectric resonator antenna. Journal of Engineering, 2016, 2016, 1-3.	1.1	25
3	A Theoretical Model for Resonant Frequency and Radiation Pattern on Rectangular Microstrip Patch Antenna on Liquid Crystal Substrate. IEEE Transactions on Antennas and Propagation, 2018, 66, 4533-4540.	5.1	11
4	EM lens design using thin planar metasurfaces for high antenna gain and low SLL applications. IET Microwaves, Antennas and Propagation, 2019, 13, 950-958.	1.4	7
5	Lossy Ferrite Core-Dielectric Shell Structure for Miniature GHz Axial-Mode Helical Antenna. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 951-955.	4.0	7
6	Theory and Design of a Cylindrical Ferrite Resonator Antenna Using $\text{HE}_{11\Delta}$ Mode Splitting Behavior. IEEE Transactions on Antennas and Propagation, 2016, 64, 5547-5552.	5.1	6
7	Calculation of Magnetization and Permeability Tensor of a Partially Magnetized Cylindrical Ferrite Resonator. IEEE Magnetics Letters, 2016, 7, 1-4.	1.1	4
8	Characteristics Calculation of Ferrite Material Using Frequency Tunable Resonator. IEEE Transactions on Magnetics, 2017, 53, 1-8.	2.1	3
9	Method for Computing Frequency Response and Radiation Pattern of Magnetized Cylindrical Ferrite Resonator Antenna. IEEE Transactions on Antennas and Propagation, 2018, 66, 4415-4425.	5.1	3
10	A Theoretical Model for Frequency Response of a Cylindrical Resonator Antenna With the $\text{HE}_{11\Delta}$ Mode Splitting Behavior. IEEE Transactions on Antennas and Propagation, 2017, 65, 1615-1623.	5.1	2
11	Novel theoretical model of mode splitting behavior of cylindrical ferrite resonator antenna. , 2017, , .		1
12	Microwave measurement of initial properties of ferrites using mode splitting phenomenon by the rod resonator method. Journal of Electromagnetic Waves and Applications, 2018, 32, 1306-1315.	1.6	0