

# Tae-Wan Kim

## List of Publications by Year in descending order

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12  
papers

104  
citations

1478505

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1372567

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12  
docs citations

12  
times ranked

161  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	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
8	Characteristics Calculation of Ferrite Material Using Frequency Tunable Resonator. IEEE Transactions on Magnetics, 2017, 53, 1-8.	2.1	3
9	Novel theoretical model of mode splitting behavior of cylindrical ferrite resonator antenna. , 2017, , .		1
10	Metallic post-array loaded cylindrical dielectric resonator antenna. Journal of Engineering, 2016, 2016, 1-3.	1.1	25
11	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
12	Calculation of Magnetization and Permeability Tensor of a Partially Magnetized Cylindrical Ferrite Resonator. IEEE Magnetics Letters, 2016, 7, 1-4.	1.1	4