

Krzysztof Derzakowski

List of Publications by Year in descending order

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33
papers

1,100
citations

1040056

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h-index

996975

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33
all docs

33
docs citations

33
times ranked

806
citing authors

#	ARTICLE	IF	CITATIONS
1	A dielectric resonator for measurements of complex permittivity of low loss dielectric materials as a function of temperature. Measurement Science and Technology, 1998, 9, 1751-1756.	2.6	364
2	Complex permittivity of some ultralow loss dielectric crystals at cryogenic temperatures. Measurement Science and Technology, 1999, 10, 387-392.	2.6	269
3	Use of whispering-gallery modes for complex permittivity determinations of ultra-low-loss dielectric materials. IEEE Transactions on Microwave Theory and Techniques, 1999, 47, 752-759.	4.6	192
4	28 GHz Switched-Beam Antenna Based on S-PIN Diodes for 5G Mobile Communications. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 225-228.	4.0	69
5	Comparison of split post dielectric resonator and ferrite disc resonator techniques for microwave permittivity measurements of polycrystalline yttrium iron garnet. Measurement Science and Technology, 1999, 10, 1004-1008.	2.6	50
6	Time-Modulated Reconfigurable Antenna Based on Integrated S-PIN Diodes for mm-Wave Communication Systems. IEEE Transactions on Antennas and Propagation, 2015, 63, 4121-4131.	5.1	37
7	Development and Investigation of an Antenna System With Reconfigurable Aperture. IEEE Transactions on Antennas and Propagation, 2009, 57, 2-8.	5.1	35
8	Magnetically tunable filters for cellular communication terminals. IEEE Transactions on Microwave Theory and Techniques, 2006, 54, 2329-2335.	4.6	15
9	Measurements of the complex permittivity and the complex permeability of low and medium loss isotropic and uniaxially anisotropic metamaterials at microwave frequencies. Measurement Science and Technology, 2009, 20, 105702.	2.6	13
10	Tunable dielectric resonator bandpass filter. , 0, , .		8
11	Measurements of the surface resistance and conductivity of thin conductive films at frequency about 1GHz employing dielectric resonator technique. Journal of the European Ceramic Society, 2007, 27, 2823-2826.	5.7	8
12	Extending Functionalities of Waveguide Slot Antennas by Means of Reconfigurable Aperture. , 2008, , .		8
13	TE ₀₁ Dielectric-Resonator Technique for Precise Measurements of the Complex Permittivity of Lossy Liquids at Frequencies Below 1 GHz. , 2004, , .		6
14	Comments on "Study of whispering gallery modes in double disk sapphire resonators. IEEE Transactions on Microwave Theory and Techniques, 1998, 46, 566.	4.6	4
15	W-Band Sensor for Complex Permittivity Measurements of Rod Shaped Samples. IEEE Access, 2021, 9, 111125-111131.	4.2	3
16	Whispering gallery resonator method for permittivity measurements. , 0, , .		2
17	Split-post dielectric resonator for complex permittivity measurements at 20-25 GHz. , 0, , .		2
18	Magnetically tunable dielectric resonators operating at frequencies of about 2 GHz. Journal Physics D: Applied Physics, 2004, 37, 379-384.	2.8	2

#	ARTICLE	IF	CITATIONS
19	Mesurements of Thin Polymer Films Employing Split Post Dielectric Resonator Technique. , 2006, , .		2
20	Reconfigurable antenna for mm-wave spatial multiplexing. , 2012, , .		2
21	Terahertz frequency-domain instrumentation for vector characterization of composite materials. , 2012, , .		2
22	Design and Realization of the High-Q Triple Dielectric Resonator Filters with Wide Tuning Range. , 1999, , .		1
23	Whispering gallery modes in rutile resonators at millimeter wave frequencies. , 0, , .		1
24	The problems of Ultra Wide Band antennas design for high resolution radar application. , 2014, , .		1
25	Suitability of S-PIN diodes used in reconfigurable antennas. , 2018, , .		1
26	FULL WAVE ANALYSIS OF MULTILAYERED CYLINDRICAL RESONATOR CONTAINING UNIAXIAL ANISOTROPIC MEDIA. Progress in Electromagnetics Research M, 2021, 101, 101-115.	0.9	1
27	Complex Permittivity of Mixtures of Sand With Aqueous NaCl Solutions Measured at 2.5 GHz. , 2021, , .		1
28	Application of the Radial Mode Matching Method to Determine the Resonant Frequency of a Cone Shaped Dielectric Resonator. IEEE Access, 2021, 9, 156239-156245.	4.2	1
29	Resonant Frequency Stability Of The Double Dielectric Resonator On A Dielectric Substrate. , 0, , .		0
30	Accurate method for measurement of ferrite substrates. , 1995, , .		0
31	Surface impedance of thin high temperature superconducting films with a sapphire dielectric resonator. , 0, , .		0
32	Optimization of Spurious Response in Dielectric Resonator Tunable Filters. , 2006, , .		0
33	Bounds on permittivity calculations using the TE/sub 011/ dielectric resonator. , 0, , .		0