

Ana C L Cabeceira

List of Publications by Year in descending order

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papers

162
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21
docs citations

21
times ranked

80
citing authors

#	ARTICLE	IF	CITATIONS
1	FDTD Modeling of Transient Microwave Signals in Dispersive and Lossy Bi-Isotropic Media. IEEE Transactions on Microwave Theory and Techniques, 2004, 52, 773-784.	4.6	43
2	Two-dimensional extension of a novel FDTD technique for modeling dispersive lossy bi-isotropic media using the auxiliary differential equation method. IEEE Microwave and Wireless Components Letters, 2005, 15, 375-377.	3.2	24
3	Modelling dispersive dielectrics in TLM method. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2001, 14, 15-30.	1.9	22
4	Modeling dispersive dielectrics for the 2-D TLM method. , 1996, 6, 174-176.		13
5	Time domain modeling of electromagnetic wave propagation in Tellegen media. Microwave and Optical Technology Letters, 2003, 38, 167-168.	1.4	10
6	A 2D-TLM model for electromagnetic wave propagation in Tellegen media. Microwave and Optical Technology Letters, 2004, 40, 438-441.	1.4	8
7	A time-domain modeling for EM wave propagation in bi-isotropic media based on the TLM method. IEEE Transactions on Microwave Theory and Techniques, 2006, 54, 2780-2789.	4.6	8
8	A Multiresolution Model of Transient Microwave Signals in Dispersive Chiral Media. IEEE Transactions on Antennas and Propagation, 2006, 54, 2808-2812.	5.1	5
9	Application of Schelkunoff's Method for Simulating Isotropic Chiral free Propagation: Clarifying Some Common Errors. Journal of Electromagnetic Waves and Applications, 2008, 22, 861-871.	1.6	5
10	Reinterpreting Four-Stage Split-Step FDTD Methods as Two-Stage Methods. IEEE Transactions on Antennas and Propagation, 2013, 61, 5818-5821.	5.1	5
11	FDTD modeling of transient microwave signals in dispersive and lossy bi-isotropic media. , 0, , .		3
12	A 2D-TLM model for electromagnetic wave propagation in chiral media. , 2004, , .		3
13	A 2D-TLM model for electromagnetic wave propagation in chiral media. Microwave and Optical Technology Letters, 2005, 46, 180-182.	1.4	3
14	Chiral Media Based on Printed-Circuit Board Technology: A Numerical Time-Domain Approach. IEEE Transactions on Magnetics, 2009, 45, 1170-1173.	2.1	3
15	TLM simulation of electromagnetic wave propagation in anisotropic moving media. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2005, 18, 227-236.	1.9	2
16	Numerical study of electromagnetic wave propagation through layered structures with chiral media. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2010, 23, 411-424.	1.9	2
17	A Full-Dielectric Chiral Material Based on a Honeycomb Structure. International Journal of Antennas and Propagation, 2018, 2018, 1-6.	1.2	2
18	Electromagnetic propagation in unbounded inhomogeneous chiral media using the coupled mode method. Microwave and Optical Technology Letters, 2007, 49, 2771-2779.	1.4	1

#	ARTICLE	IF	CITATIONS
19	Comments on "The Far Zone Scattering Calculation of Frequency-Dependent Materials Objects Using TLM Method". IEEE Transactions on Antennas and Propagation, 2004, 52, 349-350.	5.1	0
20	Author's reply to remarks on "A 2D TLM model for electromagnetic wave propagation in Tellegen media". Microwave and Optical Technology Letters, 2004, 42, 345-346.	1.4	0