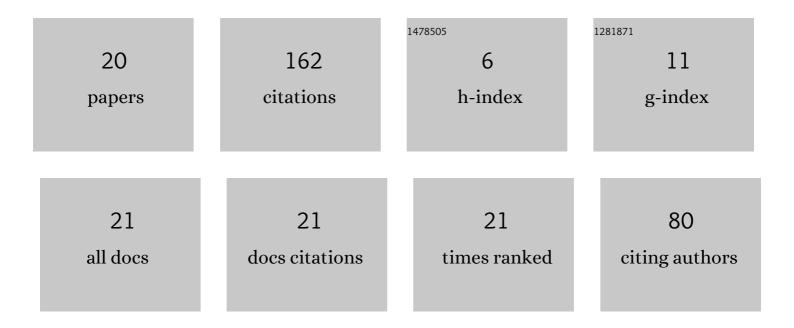
Ana C L Cabeceira

List of Publications by Year in descending order

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| # | 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 Methodâ€: IEEE Transactions on Antennas and Propagation, 2004, 52, 349-350. | 5.1 | Ο |
| 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 |