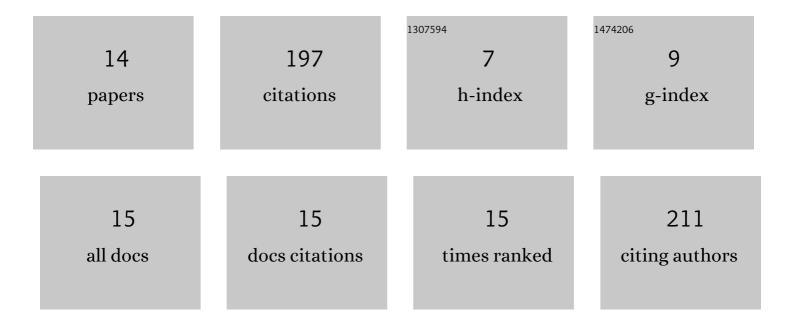
Jorge Fernandez Villena

List of Publications by Year in descending order

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LODGE FERNANDEZ VILLENA

2

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Circuit Synthesis for Guaranteed Positive Sparse Realization of Passive State-Space Models. IEEE Transactions on Circuits and Systems I: Regular Papers, 2017, 64, 1576-1587. | 5.4 | 8 |
| 2 | Fast Electromagnetic Analysis of MRI Transmit RF Coils Based on Accelerated Integral Equation Methods. IEEE Transactions on Biomedical Engineering, 2016, 63, 2250-2261. | 4.2 | 34 |
| 3 | Reduced-Order Models for Electromagnetic Scattering Problems. IEEE Transactions on Antennas and Propagation, 2014, 62, 3150-3162. | 5.1 | 44 |
| 4 | Stable FFT-JVIE solvers for fast analysis of highly inhomogeneous dielectric objects. Journal of Computational Physics, 2014, 269, 280-296. | 3.8 | 73 |
| 5 | Efficient analysis of variability impact on interconnect lines and resistor networks. , 2014, , . | | 0 |
| 6 | Exploiting Parallelism for Improved Automation of Multidimensional Model Order Reduction. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2012, 31, 37-49. | 2.7 | 1 |
| 7 | Positive realization of reduced RLCM nets. , 2011, , . | | 2 |
| 8 | Multi-Dimensional Automatic Sampling Schemes for Multi-Point Modeling Methodologies. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2011, 30, 1141-1151. | 2.7 | 13 |
| 9 | 3POr — Parallel projection based parameterized order reduction for multi-dimensional linear models. , 2010, , . | | 0 |
| 10 | SPARE—A Scalable Algorithm for Passive, Structure Preserving, Parameter-Aware Model Order Reduction. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2010, 29, 925-938. | 2.7 | 10 |
| 11 | Parametric Structure-Preserving Model Order Reduction. International Federation for Information Processing, 2009, , 1-20. | 0.4 | 2 |
| 12 | SPARE - a Scalable algorithm for passive, structure preserving, Parameter-Aware model order REduction. , 2008, , . | | 1 |
| 13 | Electromagnetic simulations for nanoscale RF blocks. , 2007, , . | | 0 |
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Parametric structure-preserving model order reduction. , 2007, , .