

# Henning Braunisch

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Wave Propagation in Parallel Plate Metallic Waveguide With Finite Conductivity and Three Dimensional Roughness. IEEE Transactions on Antennas and Propagation, 2012, 60, 5867-5880.	5.1	11
2	Random Rough Surface Effects in Waveguides Using Mode Matching Technique and the Method of Moments. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2012, 2, 140-148.	2.5	6
3	Simulation and measurement correlation of random rough surface effects in interconnects. , 2012, , .		5
4	A study of the roughness propagation effects in waveguides with the mode matching technique combined with the method of moments. , 2011, , .		1
5	Random Rough Surface Effects on Wave Propagation in Interconnects. IEEE Transactions on Advanced Packaging, 2010, 33, 839-856.	1.6	52
6	Wave Propagation in a Randomly Rough Parallel-Plate Waveguide. IEEE Transactions on Microwave Theory and Techniques, 2009, 57, 1216-1223.	4.6	35
7	Off-Chip Rough-Metal-Surface Propagation Loss Modeling and Correlation with Measurements. , 2007, , .		42
8	Estimation of Roughness-Induced Power Absorption From Measured Surface Profile Data. IEEE Microwave and Wireless Components Letters, 2007, 17, 486-488.	3.2	32
9	Modeling absorption of rough interface between dielectric and conductive medium. Microwave and Optical Technology Letters, 2007, 49, 7-13.	1.4	16
10	Modeling Effects of Random Rough Interface on Power Absorption Between Dielectric and Conductive Medium in 3-D Problem. IEEE Transactions on Microwave Theory and Techniques, 2007, 55, 511-517.	4.6	36
11	Inversion of guided-wave dispersion data with application to borehole acoustics. Journal of the Acoustical Society of America, 2004, 115, 269-279.	1.1	14
12	A Multiplicative Regularization Approach for Deblurring Problems. IEEE Transactions on Image Processing, 2004, 13, 1524-1532.	9.8	40
13	Deblurring by a local extrapolation scheme. Inverse Problems, 1999, 15, 1263-1281.	2.0	2
14	Classification of the Proper Propagation-Mode Spectrum and Leaky-Wave Modes on Open Planar Waveguides. Electromagnetics, 1997, 17, 105-130.	0.7	11