

Vladimir Okhmatovski

List of Publications by Year in descending order

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papers

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151
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface-Volume-Surface EFIE Formulation for Fast Direct Solution of Scattering Problems on General 3-D Composite Metal-Dielectric Objects. IEEE Transactions on Antennas and Propagation, 2020, 68, 5742-5747.	5.1	8
2	Delta-Gap Source Excitation Model in Surface-Volume-Surface Electric Field Integral Equation for 3-D Interconnect Characterization. , 2019, , .		0
3	Formulation of Surface-Volume-Surface-EFIE for Solution of Three-Dimensional Scattering Problems on Composite Dielectric Objects. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 1043-1047.	4.0	13
4	Fast direct full-wave electromagnetic analysis of planar circuits embedded in multilayered media. , 2018, , .		1
5	New Single-Source Surface Integral Equations for Scattering on Penetrable Cylinders and Current Flow Modeling in 2-D Conductors. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 341-350.	4.6	30
6	Surface Integral Equation Formulation for Inductance Extraction in 3-D Interconnects. IEEE Microwave and Wireless Components Letters, 2010, 20, 250-252.	3.2	6
7	A Novel Skin-Effect Based Surface Impedance Formulation for Broadband Modeling of 3-D Interconnects With Electric Field Integral Equation. IEEE Transactions on Microwave Theory and Techniques, 2010, , .	4.6	12
8	A Three-Dimensional Precorrected FFT Algorithm for Fast Method of Moments Solutions of the Mixed-Potential Integral Equation in Layered Media. IEEE Transactions on Microwave Theory and Techniques, 2009, 57, 3505-3517.	4.6	56
9	Parallel Discrete Complex Image Method for Barnes-Hut Accelerated Capacitance Extraction in Multilayered Substrates. , 2007, , .		5
10	Systematic Extraction of Static Images From Layered Media Green's Function for Accurate DCIM Implementation. IEEE Antennas and Wireless Propagation Letters, 2007, 6, 215-218.	4.0	12