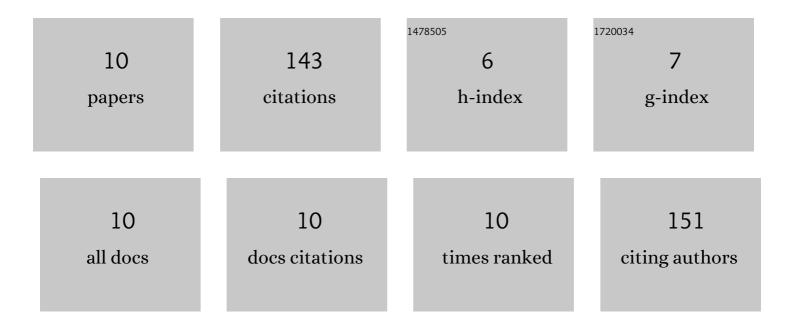
Vladimir Okhmatovski

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 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 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | Surface Integral Equation Formulation for Inductance Extraction in 3-D Interconnects. IEEE Microwave and Wireless Components Letters, 2010, 20, 250-252. | 3.2 | 6 |
| 8 | Parallel Discrete Complex Image Method for Barnes-Hut Accelerated Capacitance Extraction in Multilayered Substrates. , 2007, , . | | 5 |
| 9 | Fast direct full-wave electromagnetic analysis of planar circuits embedded in multilayered media. , 2018, , . | | 1 |
| 10 | Delta-Gap Source Excitation Model in Surface-Volume-Surface Electric Field Integral Equation for 3-D Interconnect Characterization. , 2019, , . | | 0 |