

Haksu Moon

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

218
citations

1478505

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h-index

1720034

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11
all docs

11
docs citations

11
times ranked

159
citing authors

#	ARTICLE	IF	CITATIONS
1	Exact charge-conserving scattergather algorithm for particle-in-cell simulations on unstructured grids: A geometric perspective. <i>Computer Physics Communications</i> , 2015, 194, 43-53.	7.5	64
2	An Extremely Low-Profile Ferrite-Loaded Wideband VHF Antenna Design. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2012, 11, 322-325.	4.0	42
3	Local, Explicit, and Charge-Conserving Electromagnetic Particle-In-Cell Algorithm on Unstructured Grids. <i>IEEE Transactions on Plasma Science</i> , 2016, 44, 1353-1362.	1.3	33
4	Stable pseudoanalytical computation of electromagnetic fields from arbitrarily-oriented dipoles in cylindrically stratified media. <i>Journal of Computational Physics</i> , 2014, 273, 118-142.	3.8	30
5	Axisymmetric charge-conservative electromagnetic particle simulation algorithm on unstructured grids: Application to microwave vacuum electronic devices. <i>Journal of Computational Physics</i> , 2017, 346, 295-317.	3.8	29
6	Trade-Offs for Unconditional Stability in the Finite-Element Time-Domain Method. <i>IEEE Microwave and Wireless Components Letters</i> , 2014, 24, 361-363.	3.2	13
7	Computation of potentials from current electrodes in cylindrically stratified media: A stable, rescaled semi-analytical formulation. <i>Journal of Computational Physics</i> , 2015, 280, 692-709.	3.8	7
8	Ultra low profile wideband antenna with ferrite loading. , 2010, , .		0
9	Full-wave EM modeling in tilted cylindrically-layered media. , 2015, , .		0
10	Robust computation of geoelectric potentials in cylindrically stratified anisotropic Earth formations. , 2015, , .		0
11	Matrix Conditioning Effects on Implicit Time-Domain Maxwell Solvers. , 2021, , .		0