

Ahmed Al-Jarro

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

129
citations

1684188

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h-index

1872680

6
g-index

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all docs

9
docs citations

9
times ranked

184
citing authors

#	ARTICLE	IF	CITATIONS
1	Explicit Solution of the Time Domain Volume Integral Equation Using a Stable Predictor-Corrector Scheme. IEEE Transactions on Antennas and Propagation, 2012, 60, 5203-5214.	5.1	77
2	Mixing of spin and orbital angular momenta via second-harmonic generation in plasmonic and dielectric chiral nanostructures. Physical Review B, 2017, 95, .	3.2	25
3	Resonant mixing of optical orbital and spin angular momentum by using chiral silicon nanosphere clusters. Optics Express, 2016, 24, 6945.	3.4	8
4	TRANSIENT TIME-DEPENDENT ELECTRIC FIELD OF DIELECTRIC BODIES USING THE VOLTERRA INTEGRAL EQUATION IN THREE DIMENSIONS. Progress in Electromagnetics Research, 2010, 110, 179-197.	4.4	7
5	Parallel PWTD-Accelerated Explicit Solution of the Time-Domain Electric Field Volume Integral Equation. IEEE Transactions on Antennas and Propagation, 2016, 64, 2378-2388.	5.1	6
6	Porting an explicit time-domain volume-integral-equation solver on gpus with openacc [open problems in cem]. IEEE Antennas and Propagation Magazine, 2014, 56, 265-277.	1.4	4
7	Hybrid MPI/OpenMP parallelization of the explicit Volterra integral equation solver for multi-core computer architectures. , 2011, , .		1
8	A predictor-corrector scheme for solving the Volterra integral equation. , 2011, , .		1
9	Explicit solution of the Volterra integral equation for transient fields on inhomogeneous arbitrarily shaped dielectric bodies. , 2011, , .		0