

# Ahmed Al-Jarro

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10621653/publications.pdf>

Version: 2024-02-01

9  
papers

129  
citations

1684188

5  
h-index

1872680

6  
g-index

9  
all docs

9  
docs citations

9  
times ranked

184  
citing authors

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