

# Zane D Crawford

## List of Publications by Year in descending order

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1684188

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#	ARTICLE	IF	CITATIONS
1	A Set of Benchmark Tests for Validation of 3-D Particle in Cell Methods. IEEE Transactions on Plasma Science, 2021, 49, 1724-1731.	1.3	13
2	Rubrics for Charge Conserving Current Mapping in Finite Element Electromagnetic Particle in Cell Methods. IEEE Transactions on Plasma Science, 2021, 49, 3719-3732.	1.3	8
3	UNCONDITIONALLY STABLE TIME STEPPING METHOD FOR MIXED FINITE ELEMENT MAXWELL SOLVERS. Progress in Electromagnetics Research C, 2020, 103, 17-30.	0.9	7
4	Time integrator agnostic charge conserving finite element PIC. Physics of Plasmas, 2021, 28, .	1.9	6
5	Quasi-Helmholtz decomposition, Gauss' laws and charge conservation for finite element particle-in-cell. Computer Physics Communications, 2022, 276, 108345.	7.5	5
6	Port Parameter Extraction-Based Self-Consistent Coupled EM-Circuit FEM Solvers. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2022, 12, 1040-1048.	2.5	1
7	Smooth Surface Blending for the 2-D Generalized Method of Moments. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 528-531.	4.0	0