Ruinan Chang

List of Publications by Year
in descending order

10 papers	58 citations	2258059 3 h-index	2053705 5 g-index
10 all docs	10 docs citations	10 times ranked	78 citing authors

#	ARTICLE	IF	CITATIONS
1	Fast Electromagnetic Integral-Equation Solvers on Graphics Processing Units. IEEE Antennas and Propagation Magazine, 2012, 54, 71-87.	1.4	28
2	Advanced Micromagnetic Analysis of Write Head Dynamics Using Fastmag. IEEE Transactions on Magnetics, 2012, 48, 1731-1737.	2.1	11
3	Quadrilateral Barycentric Basis Functions for Surface Integral Equations. IEEE Transactions on Antennas and Propagation, 2013, 61, 6039-6050.	5.1	11
4	Potential-based volume integral equations. , 2011, , .		2
5	A method for identifying global loop basis functions for surface integral equations. , 2014, , .		2
6	Block Inverse Preconditioner for Implicit Time Integration in Finite Element Micromagnetic Solvers. IEEE Transactions on Magnetics, 2019, 55, 1-11.	2.1	2
7	Coupling electromagnetics with micromagnetics. , 2012, , .		1
8	Micromagnetic simulator for complex granular systems based on Voronoi tessellation. Journal of Magnetism and Magnetic Materials, 2019, 482, 350-357.	2.3	1
9	Barycentric basis functions on mixed triangular-quadrilateral meshes for integral equations. , 2013, , .		0
10	Coupled electromagnetic-micromagnetic simulations of complex magnetic structures. , 2013, , .		0