

Akihiro Ida

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

104
citations

1478505

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1588992

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9
docs citations

9
times ranked

70
citing authors

#	ARTICLE	IF	CITATIONS
1	Parallel Hierarchical Matrices with Adaptive Cross Approximation on Symmetric Multiprocessing Clusters. <i>Journal of Information Processing</i> , 2014, 22, 642-650.	0.4	29
2	Software Framework for Parallel BEM Analyses with H-matrices Using MPI and OpenMP. <i>Procedia Computer Science</i> , 2017, 108, 2200-2209.	2.0	19
3	Large-scale electromagnetic field analyses of coils wound with coated conductors using a current-vector-potential formulation with a thin-strip approximation. <i>Superconductor Science and Technology</i> , 2019, 32, 094002.	3.5	14
4	Distributed-memory lattice H-matrix factorization. <i>International Journal of High Performance Computing Applications</i> , 2019, 33, 1046-1063.	3.7	13
5	Improvement of Hierarchical Matrices with Adaptive Cross Approximation for Large-scale Simulation. <i>Journal of Information Processing</i> , 2015, 23, 366-372.	0.4	11
6	Application of Hierarchical Matrices to Large-Scale Electromagnetic Field Analyses of Coils Wound With Coated Conductors. <i>IEEE Transactions on Applied Superconductivity</i> , 2018, 28, 1-5.	1.7	8
7	Application of Improved H-Matrices in Micromagnetic Simulations of Spin Torque Oscillator. <i>IEEE Transactions on Magnetics</i> , 2018, 54, 1-4.	2.1	5
8	Effect of Mixed Precision Computing on H-Matrix Vector Multiplication in BEM Analysis. , 2020, , .		3
9	Lattice H-Matrices for Massively Parallel Micromagnetic Simulations of Current-Induced Domain Wall Motion. <i>IEEE Transactions on Magnetics</i> , 2020, 56, 1-4.	2.1	2