

Jim E Jones

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

601
citations

1307594

7
h-index

1720034

7
g-index

9
all docs

9
docs citations

9
times ranked

608
citing authors

#	ARTICLE	IF	CITATIONS
1	Newton-Krylov-multigrid solvers for large-scale, highly heterogeneous, variably saturated flow problems. <i>Advances in Water Resources</i> , 2001, 24, 763-774.	3.8	263
2	AMGE Based on Element Agglomeration. <i>SIAM Journal of Scientific Computing</i> , 2001, 23, 109-133.	2.8	101
3	Semicoarsening Multigrid on Distributed Memory Machines. <i>SIAM Journal of Scientific Computing</i> , 2000, 21, 1823-1834.	2.8	96
4	Pursuing scalability for hypre's conceptual interfaces. <i>ACM Transactions on Mathematical Software</i> , 2005, 31, 326-350.	2.9	67
5	Iterative Linear Solvers in a 2D Radiation-Hydrodynamics Code: Methods and Performance. <i>Journal of Computational Physics</i> , 1999, 154, 1-40.	3.8	34
6	Conceptual interfaces in hypre. <i>Future Generation Computer Systems</i> , 2006, 22, 239-251.	7.5	21
7	Spectral Element Agglomerate AMGe. , 2007, , 513-521.		9
8	Large-scale three-dimensional phase-field simulations for phase coarsening at ultrahigh volume fraction on high-performance architectures. <i>Modelling and Simulation in Materials Science and Engineering</i> , 2016, 24, 055016.	2.0	8
9	Nonlinear Schwarz-FAS methods for unstructured finite element elliptic problems. , 2003, , 2008-2011.		2