

Kenneth W Leiter

List of Publications by Year in descending order

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7
papers

100
citations

1684188
5
h-index

1720034
7
g-index

7
all docs

7
docs citations

7
times ranked

110
citing authors

#	ARTICLE	IF	CITATIONS
1	A multiply parallel implementation of finite element-based discrete dislocation dynamics for arbitrary geometries. <i>Modelling and Simulation in Materials Science and Engineering</i> , 2014, 22, 035014.	2.0	33
2	Accelerated scale-bridging through adaptive surrogate model evaluation. <i>Journal of Computational Science</i> , 2018, 27, 91-106.	2.9	22
3	LAMMPS integrated materials engine (LIME) for efficient automation of particle-based simulations: application to equation of state generation. <i>Modelling and Simulation in Materials Science and Engineering</i> , 2017, 25, 055006.	2.0	14
4	Forging of Hierarchical Multiscale Capabilities for Simulation of Energetic Materials. <i>Propellants, Explosives, Pyrotechnics</i> , 2020, 45, 177-195.	1.6	13
5	An algorithm for massively parallel dislocation dynamics simulations of small scale plasticity. <i>Journal of Computational Science</i> , 2013, 4, 401-411.	2.9	9
6	Enhancing Hierarchical Multiscale Off-Road Mobility Model by Neural Network Surrogate Model. <i>Journal of Computational and Nonlinear Dynamics</i> , 2021, 16, .	1.2	5
7	Accelerated scale bridging with sparsely approximated Gaussian learning. <i>Journal of Computational Physics</i> , 2020, 403, 109049.	3.8	4