

Kenneth W Leiter

List of Publications by Year in descending order

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Version: 2024-02-01

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