

Konstantin Gubaev

List of Publications by Year in descending order

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9
papers

689
citations

1040056

9
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

710
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemically induced local lattice distortions versus structural phase transformations in compositionally complex alloys. <i>Npj Computational Materials</i> , 2021, 7, .	8.7	17
2	Finite-temperature interplay of structural stability, chemical complexity, and elastic properties of bcc multicomponent alloys from <i>ab initio</i> trained machine-learning potentials. <i>Physical Review Materials</i> , 2021, 5, .	2.4	9
3	The MLIP package: moment tensor potentials with MPI and active learning. <i>Machine Learning: Science and Technology</i> , 2021, 2, 025002.	5.0	181
4	Machine-learned interatomic potentials for alloys and alloy phase diagrams. <i>Npj Computational Materials</i> , 2021, 7, .	8.7	75
5	Frontiers in atomistic simulations of high entropy alloys. <i>Journal of Applied Physics</i> , 2020, 128, .	2.5	40
6	Active Learning and Uncertainty Estimation. <i>Lecture Notes in Physics</i> , 2020, , 309-329.	0.7	13
7	Elinvar effect in $\hat{\Gamma}^2$ -Ti simulated by on-the-fly trained moment tensor potential. <i>New Journal of Physics</i> , 2020, 22, 113005.	2.9	20
8	Accelerating high-throughput searches for new alloys with active learning of interatomic potentials. <i>Computational Materials Science</i> , 2019, 156, 148-156.	3.0	218
9	Machine learning of molecular properties: Locality and active learning. <i>Journal of Chemical Physics</i> , 2018, 148, 241727.	3.0	116