

Mickaël Trochet

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

165
citations

1307594
7
h-index

1588992
8
g-index

11
all docs

11
docs citations

11
times ranked

152
citing authors

#	ARTICLE	IF	CITATIONS
1	Diffusion of point defects in crystalline silicon using the kinetic activation-relaxation technique method. Physical Review B, 2015, 91, .	3.2	33
2	Following atomistic kinetics on experimental timescales with the kinetic Activation-Relaxation Technique. Computational Materials Science, 2015, 100, 111-123.	3.0	30
3	Study of point defects diffusion in nickel using kinetic activation-relaxation technique. Acta Materialia, 2018, 144, 679-690.	7.9	25
4	Diffusion properties of Fe-C systems studied by using kinetic activation-relaxation technique. Computational Materials Science, 2016, 112, 96-106.	3.0	23
5	Carbon diffusion paths and segregation at high-angle tilt grain boundaries in α -Fe studied by using a kinetic activation-relaxation technique. Physical Review B, 2018, 97, .	3.2	19
6	Algorithmic developments of the kinetic activation-relaxation technique: Accessing long-time kinetics of larger and more complex systems. Journal of Chemical Physics, 2017, 147, 152712.	3.0	15
7	Energy landscape and diffusion kinetics of lithiated silicon: A kinetic activation-relaxation technique study. Physical Review B, 2017, 96, .	3.2	11
8	Off-Lattice Kinetic Monte Carlo Methods. , 2020, , 715-743.		5
9	Off-Lattice Kinetic Monte Carlo Methods. , 2019, , 1-29.		3
10	Atomistic approach to simulate kink migration and kink-pair formation in silicon: The kinetic activation-relaxation technique. Physical Review B, 2019, 100, .	3.2	1
11	Off-Lattice Kinetic Monte Carlo Methods. , 2018, , 1-29.		0