

# Mickaël Trochet

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

165  
citations

1306789

7  
h-index

1588620

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. <i>Physical Review B</i> , 2015, 91, .	1.1	33
2	Following atomistic kinetics on experimental timescales with the kinetic Activation-Relaxation Technique. <i>Computational Materials Science</i> , 2015, 100, 111-123.	1.4	30
3	Study of point defects diffusion in nickel using kinetic activation-relaxation technique. <i>Acta Materialia</i> , 2018, 144, 679-690.	3.8	25
4	Diffusion properties of Fe-C systems studied by using kinetic activation-relaxation technique. <i>Computational Materials Science</i> , 2016, 112, 96-106.	1.4	23
5	Carbon diffusion paths and segregation at high-angle tilt grain boundaries in $\alpha$ -Fe studied by using a kinetic activation-relaxation technique. <i>Physical Review B</i> , 2018, 97, .	1.1	19
6	Algorithmic developments of the kinetic activation-relaxation technique: Accessing long-time kinetics of larger and more complex systems. <i>Journal of Chemical Physics</i> , 2017, 147, 152712.	1.2	15
7	Energy landscape and diffusion kinetics of lithiated silicon: A kinetic activation-relaxation technique study. <i>Physical Review B</i> , 2017, 96, .	1.1	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. <i>Physical Review B</i> , 2019, 100, .	1.1	1
11	Off-Lattice Kinetic Monte Carlo Methods. , 2018, , 1-29.		0