Tomas Oppelstrup

List of Publications by Year
in descending order

10	221	1307594	1588992
papers	citations	7	8
		h-index	g-index

10	10	10	209
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Machine learning–driven multiscale modeling reveals lipid-dependent dynamics of RAS signaling proteins. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	44
2	Nucleation of Grain Boundary Phases. Physical Review Letters, 2022, 128, 035701.	7.8	12
3	Characterization and visualization of grain boundary disconnections. Acta Materialia, 2022, 237, 118067.	7.9	4
4	Exploring CRD mobility during RAS/RAF engagement at the membrane. Biophysical Journal, 2022, 121, 3630-3650.	0.5	9
5	Machine-learning-based dynamic-importance sampling for adaptive multiscale simulations. Nature Machine Intelligence, 2021, 3, 401-409.	16.0	22
6	Generalizable coordination of large multiscale workflows. , 2021, , .		17
7	ddcMD: A fully GPU-accelerated molecular dynamics program for the Martini force field. Journal of Chemical Physics, 2020, 153, 045103.	3.0	18
8	A massively parallel infrastructure for adaptive multiscale simulations. , 2019, , .		32
9	Structures and transitions in bcc tungsten grain boundaries and their role in the absorption of point defects. Acta Materialia, 2018, 159, 123-134.	7.9	44
10	Extraction of effective solid-liquid interfacial free energies for full 3D solid crystallites from equilibrium MD simulations. Journal of Chemical Physics, 2017, 147, 194704.	3.0	19