

# Tomas Oppelstrup

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5442609/publications.pdf>

Version: 2024-02-01

10  
papers

221  
citations

1307594

7  
h-index

1588992

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

209  
citing authors

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