

Karthik Ganeshan

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

310
citations

1306789

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times ranked

333
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of interlayer confinement and hydration on capacitive charge storage in birnessite. <i>Nature Materials</i> , 2021, 20, 1689-1694.	13.3	119
2	Wafer-Scale Lateral Self-Assembly of Mosaic Ti ₃ C ₂ T _x MXene Monolayer Films. <i>ACS Nano</i> , 2021, 15, 625-636.	7.3	48
3	Influence of metal ions intercalation on the vibrational dynamics of water confined between MXene layers. <i>Physical Review Materials</i> , 2017, 1, .	0.9	45
4	ReaxFF molecular dynamics study on pyrolysis of bicyclic compounds for aviation fuel. <i>Fuel</i> , 2021, 297, 120724.	3.4	36
5	Structure and Dynamics of Aqueous Electrolytes Confined in 2D-TiO ₂ /Ti ₃ C ₂ T ₂ MXene Heterostructures. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 58378-58389.	4.0	25
6	Processing, properties and applications of Ni-Ti-Fe shape memory alloys. <i>Materials Today: Proceedings</i> , 2017, 4, 3581-3589.	0.9	13
7	Multiply accelerated ReaxFF molecular dynamics: coupling parallel replica dynamics with collective variable hyper dynamics. <i>Molecular Simulation</i> , 2019, 45, 1265-1272.	0.9	11
8	Atomistic-scale insight into the polyethylene electrical breakdown: An eReaxFF molecular dynamics study. <i>Journal of Chemical Physics</i> , 2021, 154, 024904.	1.2	6
9	Decoupling Proton and Cation Contributions to Capacitive Charge Storage in Birnessite in Aqueous Electrolytes. <i>ChemElectroChem</i> , 2021, 8, 4371-4379.	1.7	6
10	An implicit discontinuous Galerkin finite element discrete Boltzmann method for high Knudsen number flows. <i>Physics of Fluids</i> , 2021, 33, .	1.6	1