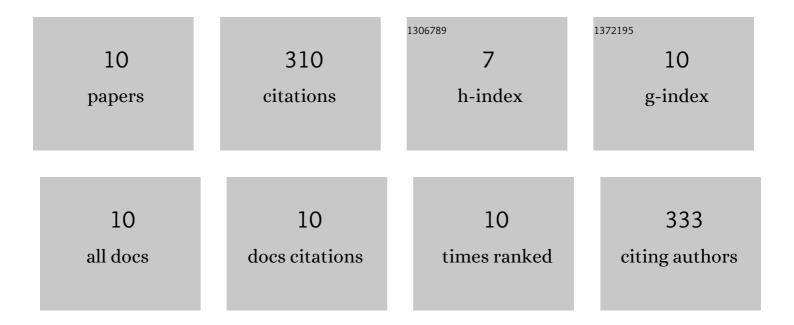
Karthik Ganeshan

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Wafer-Scale Lateral Self-Assembly of Mosaic Ti ₃ C ₂ T _{<i>x</i>} MXene Monolayer Films. ACS Nano, 2021, 15, 625-636. | 7.3 | 48 |
| 2 | An implicit discontinuous Galerkin finite element discrete Boltzmann method for high Knudsen number flows. Physics of Fluids, 2021, 33, . | 1.6 | 1 |
| 3 | ReaxFF molecular dynamics study on pyrolysis of bicyclic compounds for aviation fuel. Fuel, 2021, 297, 120724. | 3.4 | 36 |
| 4 | Effects of interlayer confinement and hydration on capacitive charge storage in birnessite. Nature Materials, 2021, 20, 1689-1694. | 13.3 | 119 |
| 5 | Atomistic-scale insight into the polyethylene electrical breakdown: An eReaxFF molecular dynamics study. Journal of Chemical Physics, 2021, 154, 024904. | 1.2 | 6 |
| 6 | Decoupling Proton and Cation Contributions to Capacitive Charge Storage in Birnessite in Aqueous Electrolytes. ChemElectroChem, 2021, 8, 4371-4379. | 1.7 | 6 |
| 7 | Structure and Dynamics of Aqueous Electrolytes Confined in 2D-TiO2/Ti3C2T2 MXene Heterostructures. ACS Applied Materials & Interfaces, 2020, 12, 58378-58389. | 4.0 | 25 |
| 8 | Multiply accelerated ReaxFF molecular dynamics: coupling parallel replica dynamics with collective variable hyper dynamics. Molecular Simulation, 2019, 45, 1265-1272. | 0.9 | 11 |
| 9 | Processing, properties and applications of Ni-Ti-Fe shape memory alloys. Materials Today: Proceedings, 2017, 4, 3581-3589. | 0.9 | 13 |
| 10 | Influence of metal ions intercalation on the vibrational dynamics of water confined between MXene layers. Physical Review Materials, 2017, 1, . | 0.9 | 45 |