

João P K Abal

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Water mobility in MoS ₂ nanopores: effects of the dipole–dipole interaction on the physics of fluid transport. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 12075-12081. | 1.3 | 5 |
| 2 | Molecular fluid flow in MoS ₂ nanoporous membranes and hydrodynamics interactions. <i>Journal of Chemical Physics</i> , 2021, 154, 134506. | 1.2 | 8 |
| 3 | Molecular Dynamics Simulations of Water Anchored in Multilayered Nanoporous MoS ₂ Membranes: Implications for Desalination. <i>ACS Applied Nano Materials</i> , 2021, 4, 10467-10476. | 2.4 | 12 |
| 4 | Salt parameterization can drastically affect the results from classical atomistic simulations of water desalination by MoS ₂ nanopores. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 11053-11061. | 1.3 | 11 |