# Andrii Tyrinov

List of Publications by Year
in descending order



| 12 | 149 | 1307594 7 | 1372567 10 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 12 | 12 | 12 | 66 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Simulation of the lubricant flow in thin slot channels with a moving wall under slip boundary conditions. Physics of Fluids, 2022, 34, . | 4.0 | 2 |
| 2 | Convective Instability in Slip Flow in a Vertical Circular Porous Microchannel. Transport in Porous Media, 2021, 138, 661-678. | 2.6 | 0 |
| 3 | Heat Transfer in Porous Microchannels with Second-Order Slipping Boundary Conditions. Transport in Porous Media, 2019, 129, 673-699. | 2.6 | 15 |
| 4 | Mixed Convection in Vertical Flat and Circular Porous Microchannels. Transport in Porous Media, 2018, 124, 919-941. | 2.6 | 25 |
| 5 | Self-similar analysis of fluid flow, heat, and mass transfer at orthogonal nanofluid impingement onto a flat surface. Physics of Fluids, 2017, 29, 052005. | 4.0 | 12 |
| 6 | Dean instability of nanofluids with radial temperature and concentration non-uniformity. Physics of Fluids, 2016, 28, . | 4.0 | 20 |
| 7 | Renormalization Group Analysis of the Stability of Turbulent Flows in Porous Media. Journal of Engineering Physics and Thermophysics, 2016, 89, 592-605. | 0.6 | 2 |
| 8 | An analytical and numerical study on the start-up flow of slightly rarefied gases in a parallel-plate channel and a pipe. Physics of Fluids, 2015, 27, . | 4.0 | 23 |
| 9 | Start-up slip flow in a microchannel with a rectangular cross section. Theoretical and Computational Fluid Dynamics, 2015, 29, 351-371. | 2.2 | 20 |
| 10 | Approximate modelling of the leftward flow and morphogen transport in the embryonic node by specifying vorticity at the ciliated surface. Journal of Fluid Mechanics, 2014, 738, 492-521. | 3.4 | 5 |
| 11 | Modeling Leftward Flow in the Embryonic Node. , 2013, , . | | 1 |
| 12 | Modeling of flows in a microchannel based on the boltzmann lattice equation. Journal of Engineering Physics and Thermophysics, 2012, 85, 65-72. | 0.6 | 24 |