

Andrii Tyrinov

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

149
citations

1307594

7
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

66
citing authors

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