Aleksandar S ÄoÄiÄ

List of Publications by Year
in descending order

12 papers	40 citations	1937685 4 h-index	1872680 6 g-index
12 all docs	12 docs citations	12 times ranked	51 citing authors

#	Article	IF	Citations
1	Numerical analysis of axisymmetric turbulent swirling flow in circular pipe. Thermal Science, 2014, 18, 493-505.	1.1	15
2	One-dimensional analysis of compressible flow in solar chimney power plants. Solar Energy, 2016, 135, 810-820.	6.1	10
3	Numerical research of the compressible flow in a vortex tube using OpenFOAM software. Thermal Science, 2017, 21, 745-758.	1.1	6
4	Comparison of different CFD software performances in the case of an incompressible air flow through a straight conical diffuser. Thermal Science, 2017, 21, 863-874.	1.1	4
5	Side asymmetry in nasal resistance correlate with nasal obstruction severity in patients with septal deformities: Computational fluid dynamics study. Clinical Otolaryngology, 2020, 45, 718-724.	1.2	3
6	Consideration of the horizontal inertial effects at cantilever beams with nonuniform open sections. FME Transactions, 2018, 46, 342-346.	1.4	2
7	Numerical Studies of Viscoelastic Flow Using the Software OpenFOAM. Proceedings in Applied Mathematics and Mechanics, 2013, 13, 591-592.	0.2	0
8	Numerical Simulation of Air Flow in Model Room. Proceedings in Applied Mathematics and Mechanics, 2016, 16, 801-802.	0.2	0
9	Compressible flow through solar chimneys with variable cross section - an exact solution. Theoretical and Applied Mechanics, 2017, 44, 215-228.	0.3	0
10	An experimental investigation and statistical analysis of turbulent swirl flow in a straight pipe. Thermal Science, 2017, 21, 691-704.	1.1	0
11	On the influence of turbulent kinetic energy level on accuracy of k â˜' Îµ and LRR turbulence models. Theoretical and Applied Mechanics, 2018, 45, 139-149.	0.3	0
12	Euler-Euler numerical simulations of upward turbulent bubbly flows in vertical pipes with low-Reynolds-number model. Advances in Mechanical Engineering, 2022, 14, 168781322210949.	1.6	0