

# Gholamreza Ahmadi Sheikh Shabani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8256733/publications.pdf>

Version: 2024-02-01

18  
papers

1,867  
citations

471061

17  
h-index

839053

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1393  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of turbulent heat transfer and nanofluid flow in a double pipe heat exchanger. <i>Advanced Powder Technology</i> , 2018, 29, 273-282.	2.0	215
2	Heat transfer improvement of water/single-wall carbon nanotubes (SWCNT) nanofluid in a novel design of a truncated double-layered microchannel heat sink. <i>International Journal of Heat and Mass Transfer</i> , 2017, 113, 780-795.	2.5	212
3	Energy and exergy analysis of Montazeri Steam Power Plant in Iran. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 56, 454-463.	8.2	189
4	Analysis of heat transfer and nanofluid fluid flow in microchannels with trapezoidal, rectangular and triangular shaped ribs. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2017, 91, 15-31.	1.3	176
5	A modified two-phase mixture model of nanofluid flow and heat transfer in a 3-D curved microtube. <i>Advanced Powder Technology</i> , 2016, 27, 2175-2185.	2.0	169
6	The numerical modeling of water/FMWCNT nanofluid flow and heat transfer in a backward-facing contracting channel. <i>Physica B: Condensed Matter</i> , 2018, 537, 176-183.	1.3	167
7	The effect of velocity and dimension of solid nanoparticles on heat transfer in non-Newtonian nanofluid. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2017, 86, 68-75.	1.3	154
8	The effect of attack angle of triangular ribs on heat transfer of nanofluids in a microchannel. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 2893-2912.	2.0	125
9	The effect of rib shape on the behavior of laminar flow of oil/MWCNT nanofluid in a rectangular microchannel. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 134, 1611-1628.	2.0	93
10	Numerical Simulation of Natural Convection Heat Transfer of Nanofluid With Cu, MWCNT, and Al <sub>2</sub> O <sub>3</sub> Nanoparticles in a Cavity With Different Aspect Ratios. <i>Journal of Thermal Science and Engineering Applications</i> , 2019, 11, .	0.8	73
11	Investigating the effect of nanoparticles diameter on turbulent flow and heat transfer properties of non-Newtonian carboxymethyl cellulose/CuO fluid in a microtube. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2019, 29, 1699-1723.	1.6	66
12	Application of lattice Boltzmann method and spinodal decomposition phenomenon for simulating two-phase thermal flows. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 509, 673-689.	1.2	50
13	Multi-objective optimization of HRSG configurations on the steam power plant repowering specifications. <i>Energy</i> , 2018, 159, 277-293.	4.5	42
14	Forced convection in a double tube heat exchanger using nanofluids with constant and variable thermophysical properties. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2020, 30, 3247-3265.	1.6	38
15	Effects of external wind breakers of Heller dry cooling system in power plants. <i>Applied Thermal Engineering</i> , 2018, 129, 1124-1134.	3.0	37
16	Application of water reheating system for waste heat recovery in NG pressure reduction stations, with experimental verification. <i>Energy</i> , 2018, 162, 1183-1192.	4.5	25
17	Multi-objective optimization of feed-water heater arrangement options in a steam power plant repowering. <i>Journal of Cleaner Production</i> , 2019, 220, 253-270.	4.6	22
18	Multi-objective linear regression based optimization of full repowering a single pressure steam power plant. <i>Energy</i> , 2019, 179, 1017-1035.	4.5	14