

Seyyed Masoud Seyyedi

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2150727/seyyed-masoud-seyyedi-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35
papers

1,096
citations

21
h-index

33
g-index

36
ext. papers

1,379
ext. citations

4.2
avg, IF

5.42
L-index

#	Paper	IF	Citations
35	Magneto-turbulent natural convection and entropy generation analyses in liquid sodium-filled cavity partially heated and cooled from sidewalls with circular blocks. <i>International Communications in Heat and Mass Transfer</i> , 2022 , 134, 106053	5.8	0
34	Impact of Fusion Temperature on Hydrothermal Features of Flow within an Annulus Loaded with Nanoencapsulated Phase Change Materials (NEPCMs) during Natural Convection Process. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-14	1.1	4
33	Effect of Inclined Magnetic Field on the Entropy Generation in an Annulus Filled with NEPCM Suspension. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-14	1.1	11
32	On the entropy generation for a porous enclosure subject to a magnetic field: Different orientations of cardioid geometry. <i>International Communications in Heat and Mass Transfer</i> , 2020 , 116, 104712	5.8	15
31	Analysis of a single-phase natural circulation loop with hybrid-nanofluid. <i>International Communications in Heat and Mass Transfer</i> , 2020 , 112, 104498	5.8	29
30	Magnetohydrodynamic natural convection and entropy generation analyses inside a nanofluid-filled incinerator-shaped porous cavity with wavy heater block. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 141, 2033-2045	4.1	45
29	A modified Fourier approach for analysis of nanofluid heat generation within a semi-circular enclosure subjected to MFD viscosity. <i>International Communications in Heat and Mass Transfer</i> , 2020 , 111, 104430	5.8	69
28	A theoretical nanofluid analysis exhibiting hydromagnetics characteristics employing CVFEM. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2020 , 42, 1	2	18
27	Entropy generation and economic analyses in a nanofluid filled L-shaped enclosure subjected to an oriented magnetic field. <i>Applied Thermal Engineering</i> , 2020 , 168, 114789	5.8	49
26	Investigation of entropy generation in a square inclined cavity using control volume finite element method with aided quadratic Lagrange interpolation functions. <i>International Communications in Heat and Mass Transfer</i> , 2020 , 110, 104398	5.8	54
25	Entropy generation in concentric annuli of 400kV gas-insulated transmission line. <i>Thermal Science and Engineering Progress</i> , 2020 , 19, 100614	3.6	5
24	Magneto-fluid dynamic and second law analysis in a hot porous cavity filled by nanofluid and nano-encapsulated phase change material suspension with different layout of cooling channels. <i>Journal of Energy Storage</i> , 2020 , 31, 101720	7.8	24
23	Second law analysis of magneto-natural convection in a nanofluid filled wavy-hexagonal porous enclosure. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2020 , 30, 4811-4836	4.5	56
22	The influence of different shapes of nanoparticle on Cu ₂ O nanofluids in a partially heated irregular wavy enclosure. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020 , 540, 123034	3.3	49
21	Simulation of the dynamic behavior of a rectangular single-phase natural circulation vertical loop with asymmetric heater. <i>International Journal of Heat and Mass Transfer</i> , 2019 , 139, 974-981	4.9	20
20	Effects of homogeneous-heterogeneous reactions and thermal radiation on magneto-hydrodynamic Cu-water nanofluid flow over an expanding flat plate with non-uniform heat source. <i>Journal of Central South University</i> , 2019 , 26, 1161-1171	2.1	37
19	Numerical analysis of entropy generation of a nanofluid in a semi-annulus porous enclosure with different nanoparticle shapes in the presence of a magnetic field. <i>European Physical Journal Plus</i> , 2019 , 134, 1	3.1	45

18	Numerical simulation for thermal radiation and porous medium characteristics in flow of CuO-H ₂ O nanofluid. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2019 , 41, 1	2	39
17	Forced reflow modeling in a 2 D rod bundle with a 90% partially blocked region. <i>Annals of Nuclear Energy</i> , 2019 , 131, 425-432	1.7	12
16	A computational framework for natural convective hydromagnetic flow via inclined cavity: An analysis subjected to entropy generation. <i>Journal of Molecular Liquids</i> , 2019 , 287, 110863	6	50
15	Entropy generation in a nanofluid-filled semi-annulus cavity by considering the shape of nanoparticles. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019 , 138, 1607-1621	4.1	39
14	Investigation of natural convection of magnetic nanofluid in an enclosure with a porous medium considering Brownian motion. <i>Case Studies in Thermal Engineering</i> , 2019 , 14, 100502	5.6	64
13	Simulation of Fe ₃ O ₄ -H ₂ O nanofluid in a triangular enclosure subjected to Cattaneo-Christov theory of heat conduction. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2019 , 29, 4430-4444	4.5	31
12	Investigation of magneto-hydrodynamic fluid squeezed between two parallel disks by considering Joule heating, thermal radiation, and adding different nanoparticles. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2019 , 30, 659-680	4.5	51
11	CVFEM analysis for Fe ₃ O ₄ -H ₂ O nanofluid in an annulus subject to thermal radiation. <i>International Journal of Heat and Mass Transfer</i> , 2019 , 132, 473-483	4.9	89
10	Improved velocity and temperature profiles for integral solution in the laminar boundary layer flow on a semi-infinite flat plate. <i>Heat Transfer - Asian Research</i> , 2019 , 48, 182-215	2.8	1
9	Numerical and experimental analysis of a rectangular single-phase natural circulation loop with asymmetric heater position. <i>International Journal of Heat and Mass Transfer</i> , 2019 , 130, 1343-1357	4.9	35
8	Exergy and exergoeconomic analyses of a novel integration of a 1000 MW pressurized water reactor power plant and a gas turbine cycle through a superheater. <i>Annals of Nuclear Energy</i> , 2018 , 115, 161-172	1.7	12
7	Radiative nanofluid flow and heat transfer between parallel disks with penetrable and stretchable walls considering Cattaneo-Christov heat flux model. <i>Heat Transfer - Asian Research</i> , 2018 , 47, 735-753	2.8	46
6	Investigation of sedimentation process of soluble spherical particles in a non-Newtonian medium. <i>Journal of Colloid and Interface Science</i> , 2018 , 530, 532-537	9.3	7
5	Thermoenviromonic optimization of gas turbine cycles with air preheat. <i>Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy</i> , 2011 , 225, 12-23	1.6	15
4	A new iterative approach to the optimization of thermal energy systems: Application to the regenerative Brayton cycle. <i>Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy</i> , 2010 , 224, 313-327	1.6	5
3	A new approach for optimization of thermal power plant based on the exergoeconomic analysis and structural optimization method: Application to the CGAM problem. <i>Energy Conversion and Management</i> , 2010 , 51, 2202-2211	10.6	40
2	A new criterion for the allocation of residues cost in exergoeconomic analysis of energy systems. <i>Energy</i> , 2010 , 35, 3474-3482	7.9	29
1	An experimental and numerical study on the vibration characteristics of glass fiber composite sandwich panel with lattice cores. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 146442072210758	1.3	1

