

Abbas Sharifi

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,382
citations

430874

18
h-index

414414

32
g-index

32
all docs

32
docs citations

32
times ranked

1461
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of effective climatology parameters on COVID-19 outbreak in Iran. <i>Science of the Total Environment</i> , 2020, 729, 138705.	8.0	381
2	Diagnosis and detection of infected tissue of COVID-19 patients based on lung x-ray image using convolutional neural network approaches. <i>Chaos, Solitons and Fractals</i> , 2020, 140, 110170.	5.1	180
3	Natural convection of Al ₂ O ₃ -water nanofluid in an inclined cavity using Buongiorno's two-phase model. <i>International Journal of Thermal Sciences</i> , 2017, 111, 310-320.	4.9	135
4	Two-phase modeling of the free convection of nanofluid inside the inclined porous semi-annulus enclosure. <i>International Journal of Mechanical Sciences</i> , 2019, 164, 105183.	6.7	64
5	The impact of artificial intelligence and digital style on industry and energy post-COVID-19 pandemic. <i>Environmental Science and Pollution Research</i> , 2021, 28, 46964-46984.	5.3	54
6	Detection of brain lesion location in MRI images using convolutional neural network and robust PCA. <i>International Journal of Neuroscience</i> , 2023, 133, 55-66.	1.6	47
7	DMTC: Optimize Energy Consumption in Dynamic Wireless Sensor Network Based on Fog Computing and Fuzzy Multiple Attribute Decision-Making. <i>Wireless Communications and Mobile Computing</i> , 2021, 2021, 1-14.	1.2	44
8	Presentation of a new hybrid approach for forecasting economic growth using artificial intelligence approaches. <i>Neural Computing and Applications</i> , 2019, 31, 8661-8680.	5.6	42
9	HSSAGA: Designation and scheduling of nurses for taking care of COVID-19 patients using novel method of Hybrid Salp Swarm Algorithm and Genetic Algorithm. <i>Applied Soft Computing Journal</i> , 2021, 108, 107449.	7.2	41
10	QAIS-DSNN: Tumor Area Segmentation of MRI Image with Optimized Quantum Matched-Filter Technique and Deep Spiking Neural Network. <i>BioMed Research International</i> , 2021, 2021, 1-16.	1.9	36
11	Natural convection heat transfer in an inclined square enclosure filled with a porous medium saturated by nanofluid using Buongiorno's mathematical model. <i>Advanced Powder Technology</i> , 2016, 27, 2526-2540.	4.1	35
12	Application of gene expression programming and sensitivity analyses in analyzing effective parameters in gastric cancer tumor size and location. <i>Soft Computing</i> , 2020, 24, 9943-9964.	3.6	35
13	Revealing the relationship between solar activity and COVID-19 and forecasting of possible future viruses using multi-step autoregression (MSAR). <i>Environmental Science and Pollution Research</i> , 2021, 28, 38074-38084.	5.3	30
14	Presentation of a developed sub-epidemic model for estimation of the COVID-19 pandemic and assessment of travel-related risks in Iran. <i>Environmental Science and Pollution Research</i> , 2021, 28, 14521-14529.	5.3	23
15	Presentation of a Novel Method for Prediction of Traffic with Climate Condition Based on Ensemble Learning of Neural Architecture Search (NAS) and Linear Regression. <i>Complexity</i> , 2021, 2021, 1-13.	1.6	23
16	Two-phase modeling of the effect of non-uniform magnetic field on mixed convection of magnetic nanofluid inside an open cavity. <i>International Journal of Mechanical Sciences</i> , 2021, 207, 106666.	6.7	23
17	Experimental and numerical diagnosis of fatigue foot using convolutional neural network. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2021, 24, 1828-1840.	1.6	22
18	Numerical investigation of magnetic drug targeting using magnetic nanoparticles to the Aneurysmal Vessel. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 474, 236-245.	2.3	21

#	ARTICLE	IF	CITATIONS
19	Studying the Effect of Taking Statins before Infection in the Severity Reduction of COVID-19 with Machine Learning. BioMed Research International, 2021, 2021, 1-12.	1.9	21
20	Presentation of new thermal conductivity expression for Al_2O_3 water and. Journal of Thermal Analysis and Calorimetry, 2019, 135, 195-206.	3.6	17
21	Numerical Simulation of Magnetic Drug Targeting to the Stenosis Vessel Using Fe_3O_4 Magnetic Nanoparticles Under the Effect of Magnetic Field of Wire. Cardiovascular Engineering and Technology, 2020, 11, 162-175.	1.6	16
22	Ferro hydro dynamic analysis of heat transfer and biomagnetic fluid flow in channel under the effect of two inclined permanent magnets. Journal of Magnetism and Magnetic Materials, 2019, 472, 115-122.	2.3	15
23	The effect of position-dependent magnetic field on nanofluid forced convective heat transfer and entropy generation in a microchannel. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2017, 39, 345-355.	1.6	14
24	Study of blood flow inside the stenosis vessel under the effect of solenoid magnetic field using ferrohydrodynamics principles. European Physical Journal Plus, 2017, 132, 1.	2.6	12
25	Investigation of the effects of two parallel wires' non-uniform magnetic field on heat and biomagnetic fluid flow in an aneurysm. International Journal of Computational Fluid Dynamics, 2018, 32, 248-259.	1.2	11
26	Study of magnetic nanofluid flow in a square cavity under the magnetic field of a wire carrying the electric current in turbulence regime. Results in Physics, 2020, 18, 103224.	4.1	10
27	Modeling and sensitivity analysis of NOx emissions and mechanical efficiency for diesel engine. Environmental Science and Pollution Research, 2019, 26, 25190-25207.	5.3	9
28	Numerical investigation of FHD pump for pumping the magnetic nanofluid inside the microchannel with hydrophobic walls. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	1.6	8
29	Numerical study of two-phase flow in a square cavity under magnetic field of parallel wires. Meccanica, 2021, 56, 2005-2020.	2.0	7
30	Numerical Study of Magnetic Drug Targeting Inside the Bifurcated Channel as a Simplified Model of Right Common Iliac Artery Using Fe_3O_4 Blood Magnetic Nanofluid. Iranian Journal of Science and Technology - Transactions of Mechanical Engineering, 2023, 47, 51-65.	1.3	3
31	Heat transfer study of a new hybrid photovoltaic/thermal direct absorption parabolic solar collector by two-phase Buongiorno model. Environmental Science and Pollution Research, 2021, 28, 61274-61289.	5.3	2
32	Two-phase modeling of flow control of laminar Fe_3O_4 -water nanofluid flow around the cylinder by Kelvin force of wire magnetic field using ferro hydrodynamics principles. Fluid Dynamics Research, 2020, 52, 065505.	1.3	1