Abbas Sharifi

List of Publications by Year
in descending order

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	Detection of brain lesion location in MRI images using convolutional neural network and robust PCA. International Journal of Neuroscience, 2023, 133, 55-66.	1.6	47
2	Numerical Study of Magnetic Drug Targeting Inside the Bifurcated Channel as a Simplified Model of Right Common Iliac Artery Using Fe3O4–Blood Magnetic Nanofluid. Iranian Journal of Science and Technology - Transactions of Mechanical Engineering, 2023, 47, 51-65.	1.3	3
3	Presentation of a developed sub-epidemic model for estimation of the COVID-19 pandemic and assessment of travel-related risks in Iran. Environmental Science and Pollution Research, 2021, 28, 14521-14529.	5.3	23
4	Revealing the relationship between solar activity and COVID-19 and forecasting of possible future viruses using multi-step autoregression (MSAR). Environmental Science and Pollution Research, 2021, 28, 38074-38084.	5.3	30
5	Numerical study of two-phase flow in a square cavity under magnetic field of parallel wires. Meccanica, 2021, 56, 2005-2020.	2.0	7
6	Experimental and numerical diagnosis of fatigue foot using convolutional neural network. Computer Methods in Biomechanics and Biomedical Engineering, 2021, 24, 1828-1840.	1.6	22
7	DMTC: Optimize Energy Consumption in Dynamic Wireless Sensor Network Based on Fog Computing and Fuzzy Multiple Attribute Decision-Making. Wireless Communications and Mobile Computing, 2021, 2021, 1-14.	1.2	44
8	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
9	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
10	The impact of artificial intelligence and digital style on industry and energy post-COVID-19 pandemic. Environmental Science and Pollution Research, 2021, 28, 46964-46984.	5.3	54
11	Presentation of a Novel Method for Prediction of Traffic with Climate Condition Based on Ensemble Learning of Neural Architecture Search (NAS) and Linear Regression. Complexity, 2021, 2021, 1-13.	1.6	23
12	HSSAGA: Designation and scheduling of nurses for taking care of COVID-19 patients using novel method of Hybrid Salp Swarm Algorithm and Genetic Algorithm. Applied Soft Computing Journal, 2021, 108, 107449.	7.2	41
13	Two-phase modeling of the effect of non-uniform magnetic field on mixed convection of magnetic nanofluid inside an open cavity. International Journal of Mechanical Sciences, 2021, 207, 106666.	6.7	23
14	QAIS-DSNN: Tumor Area Segmentation of MRI Image with Optimized Quantum Matched-Filter Technique and Deep Spiking Neural Network. BioMed Research International, 2021, 2021, 1-16.	1.9	36
15	Application of gene expression programming and sensitivity analyses in analyzing effective parameters in gastric cancer tumor size and location. Soft Computing, 2020, 24, 9943-9964.	3.6	35
16	Numerical Simulation of Magnetic Drug Targeting to the Stenosis Vessel Using Fe3O4 Magnetic Nanoparticles Under the Effect of Magnetic Field of Wire. Cardiovascular Engineering and Technology, 2020, 11, 162-175.	1.6	16
17	Diagnosis and detection of infected tissue of COVID-19 patients based on lung x-ray image using convolutional neural network approaches. Chaos, Solitons and Fractals, 2020, 140, 110170.	5.1	180
18	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

#	Article	IF	Citations
19	Investigation of effective climatology parameters on COVID-19 outbreak in Iran. Science of the Total Environment, 2020, 729, 138705.	8.0	381
20	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
21	Presentation of a new hybrid approach for forecasting economic growth using artificial intelligence approaches. Neural Computing and Applications, 2019, 31, 8661-8680.	5.6	42
22	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
23	Two-phase modeling of the free convection of nanofluid inside the inclined porous semi-annulus enclosure. International Journal of Mechanical Sciences, 2019, 164, 105183.	6.7	64
24	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
25	Numerical investigation of magnetic drug targeting using magnetic nanoparticles to the Aneurysmal Vessel. Journal of Magnetism and Magnetic Materials, 2019, 474, 236-245.	2.3	21
26	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
27	Presentation of new thermal conductivity expression for $$hbox {Al}_2hbox {O}_3$$ Al 2 O 3 –water and. Journal of Thermal Analysis and Calorimetry, 2019, 135, 195-206.	3.6	17
28	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
29	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
30	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
31	Natural convection of Al2O3-water nanofluid in an inclined cavity using Buongiorno's two-phase model. International Journal of Thermal Sciences, 2017, 111, 310-320.	4.9	135
32	Natural convection heat transfer in an inclined square enclosure filled with a porous medium saturated by nanofluid using Buongiorno's mathematical model. Advanced Powder Technology, 2016, 27, 2526-2540.	4.1	35