

# Raja

## List of Publications by Year in descending order

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83  
papers

2,009  
citations

236925

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315739

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85  
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85  
docs citations

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times ranked

1477  
citing authors

#	ARTICLE	IF	CITATIONS
1	Heat transfer analysis on MHD flow over a stretchable Riga wall considering Entropy generation rate: A numerical study. Numerical Methods for Partial Differential Equations, 2024, 40, .	3.6	10
2	Automating smart Internet of Things devices in modern homes using context-based fuzzy logic. Computational Intelligence, 2024, 40, .	3.2	3
3	MHD two-phase flow of Jeffrey fluid suspended with Hafnium and crystal particles: Analytical treatment. Numerical Methods for Partial Differential Equations, 2024, 40, .	3.6	7
4	Perturbation based analytical solutions of non-Newtonian differential equation with heat and mass transportation between horizontal permeable channel. Numerical Methods for Partial Differential Equations, 2024, 40, .	3.6	6
5	Dynamics of Arrhenius activation energy in flow of Carreau fluid subject to Brownian motion diffusion. Numerical Methods for Partial Differential Equations, 2023, 39, 4468-4488.	3.6	9
6	Numerical simulation and modeling of entropy generation in Marangoni convective flow of nanofluid with activation energy. Numerical Methods for Partial Differential Equations, 2023, 39, 4421-4431.	3.6	12
7	Time series forecasting of COVID-19 transmission in Asia Pacific countries using deep neural networks. Personal and Ubiquitous Computing, 2023, 27, 733-750.	2.8	52
8	Detecting epilepsy in EEG signals using synchro-extracting-transform (SET) supported classification technique. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 10123-10141.	4.9	7
9	Mathematical modeling of multiphase flows of third-grade fluid with lubrication effects through an inclined channel: analytical treatment. Journal of Dispersion Science and Technology, 2022, 43, 1555-1567.	2.4	21
10	Automated segmentation of leukocyte from hematological images—a study using various CNN schemes. Journal of Supercomputing, 2022, 78, 6974-6994.	3.6	32
11	Framework to Segment and Evaluate Multiple Sclerosis Lesion in MRI Slices Using VGG-UNet. Computational Intelligence and Neuroscience, 2022, 2022, 1-10.	1.7	10
12	Application of community detection algorithms on learning networks. The case of Khan Academy repository. Computer Applications in Engineering Education, 2021, 29, 411-424.	3.4	9
13	A hybrid machine learning framework to predict mortality in paralytic ileus patients using electronic health records (EHRs). Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 3283-3293.	4.9	34
14	Generalized Fourier's Law and Darcy's Forchheimer Forced/Mixed Convective Flow Towards a Riga Plate with Second-Order Velocity Slip: A Numerical Study. International Journal of Computational Methods, 2021, 18, 2042002.	1.3	1
15	Interpretation of entropy generation in Williamson fluid flow with nonlinear thermal radiation and first-order velocity slip. Mathematical Methods in the Applied Sciences, 2021, 44, 7756-7765.	2.3	28
16	CVFEM based numerical investigation and mathematical modeling of surface dependent magnetized copper-oxide nanofluid flow using new model of porous space. Numerical Methods for Partial Differential Equations, 2021, 37, 1481-1494.	3.6	9
17	Accurate detection of myocardial infarction using non linear features with ECG signals. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 3227-3244.	4.9	42
18	FAST: Fast Accessing Scheme for data Transmission in cloud computing. Peer-to-Peer Networking and Applications, 2021, 14, 2430-2442.	3.9	30

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19	Evaluation of brain tumor using brain MRI with modified-moth-flame algorithm and Kapur's thresholding: a study. <i>Evolutionary Intelligence</i> , 2021, 14, 1053-1063.	3.6	28
20	Upshot of heterogeneous catalysis in a nanofluid flow over a rotating disk with slip effects and Entropy optimization analysis. <i>Scientific Reports</i> , 2021, 11, 120.	3.3	27
21	A dynamic clustering technique based on deep reinforcement learning for Internet of vehicles. <i>Journal of Intelligent Manufacturing</i> , 2021, 32, 757-768.	7.3	25
22	Application of response surface methodology on the nanofluid flow over a rotating disk with autocatalytic chemical reaction and entropy generation optimization. <i>Scientific Reports</i> , 2021, 11, 4021.	3.3	31
23	Irreversibility minimization analysis of ferromagnetic Oldroyd-B nanofluid flow under the influence of a magnetic dipole. <i>Scientific Reports</i> , 2021, 11, 4810.	3.3	16
24	Foreword: Special Issue on Advances in Evolutionary Computation for Image Processing. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2021, 29, v-vi.	1.9	0
25	Prediction of COVID-19 - Pneumonia based on Selected Deep Features and One Class Kernel Extreme Learning Machine. <i>Computers and Electrical Engineering</i> , 2021, 90, 106960.	4.8	106
26	Novel framework of GIS based automated monitoring process on environmental biodegradability and risk analysis using Internet of Things. <i>Environmental Research</i> , 2021, 194, 110621.	7.5	16
27	Social distancing enhanced automated optimal design of physical spaces in the wake of the COVID-19 pandemic. <i>Sustainable Cities and Society</i> , 2021, 68, 102791.	10.4	30
28	Impact of Newtonian heating and Fourier and Fick's laws on a magnetohydrodynamic dusty Casson nanofluid flow with variable heat source/sink over a stretching cylinder. <i>Scientific Reports</i> , 2021, 11, 2357.	3.3	52
29	Deep neural network assisted diagnosis of time-frequency transformed electromyograms. <i>Multimedia Tools and Applications</i> , 2020, 79, 11051-11067.	3.9	34
30	Diagnosis of diabetic retinopathy using multi level set segmentation algorithm with feature extraction using SVM with selective features. <i>Multimedia Tools and Applications</i> , 2020, 79, 10581-10596.	3.9	31
31	Securing one-time password generation using elliptic-curve cryptography with self-portrait photograph for mobile commerce application. <i>Multimedia Tools and Applications</i> , 2020, 79, 17081-17099.	3.9	6
32	Intelligent social network based data modeling for improving health care. <i>Health and Technology</i> , 2020, 10, 321-332.	3.6	9
33	Deep learning convolutional neural network (CNN) With Gaussian mixture model for predicting pancreatic cancer. <i>Multimedia Tools and Applications</i> , 2020, 79, 10233-10247.	3.9	71
34	Simulation analysis of supply chain risk management system based on IoT information platform. <i>Enterprise Information Systems</i> , 2020, 14, 1354-1378.	4.7	63
35	MicroRNAs: Crucial Regulators of Stress. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , 2020, 9, 93-100.	1.2	4
36	Numerical Simulation of 3D Condensation Nanofluid Film Flow with Carbon Nanotubes on an Inclined Rotating Disk. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 168.	2.5	27

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37	Numerical treatment of radiative Nickel–Zinc ferrite-Ethylene glycol nanofluid flow past a curved surface with thermal stratification and slip conditions. <i>Scientific Reports</i> , 2020, 10, 16832.	3.3	12
38	Significance of magnetic Reynolds number in a three-dimensional squeezing Darcy–Forchheimer hydromagnetic nanofluid thin-film flow between two rotating disks. <i>Scientific Reports</i> , 2020, 10, 17208.	3.3	25
39	A novel model to analyze Darcy Forchheimer nanofluid flow in a permeable medium with Entropy generation analysis. <i>Journal of Taibah University for Science</i> , 2020, 14, 916-930.	2.5	23
40	Comparative analysis of magnetized partially ionized copper, copper oxide–water and kerosene oil nanofluid flow with Cattaneo–Christov heat flux. <i>Scientific Reports</i> , 2020, 10, 19300.	3.3	29
41	Numerical simulation for MHD Darcy–Forchheimer three-dimensional stagnation point flow by a rotating disk with activation energy and partial slip. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 5469-5477.	3.1	9
42	Role of dipole interactions in Darcy–Forchheimer first-order velocity slip nanofluid flow of Williamson model with Robin conditions. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 5343-5350.	3.1	11
43	Fully developed entropy-optimized MHD nanofluid flow by a variably thickened rotating surface. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	1
44	Nanofluid flow with autocatalytic chemical reaction over a curved surface with nonlinear thermal radiation and slip condition. <i>Scientific Reports</i> , 2020, 10, 18339.	3.3	18
45	Impact of hall and ion slip in a thermally stratified nanofluid flow comprising Cu and Al <sub>2</sub> O <sub>3</sub> nanoparticles with nonuniform source/sink. <i>Scientific Reports</i> , 2020, 10, 18064.	3.3	16
46	Flow and thermal management of MHD Cross nanofluids over a thin needle with auto catalysis chemical reactions. <i>International Journal of Modern Physics B</i> , 2020, 34, 2050287.	2.0	5
47	Perturbation and numerical solutions of non-Newtonian fluid bounded within in a porous channel: Applications of pseudo-spectral collocation method. <i>Numerical Methods for Partial Differential Equations</i> , 2020, , .	3.6	2
48	Significance of Hall effect and ion slip in a three-dimensional bioconvective Tangent hyperbolic nanofluid flow subject to Arrhenius activation energy. <i>Scientific Reports</i> , 2020, 10, 18342.	3.3	52
49	Internet-of-Things-Assisted Smart System 4.0 Framework Using Simulated Routing Procedures. <i>Sustainability</i> , 2020, 12, 6119.	3.2	0
50	Advanced microprocessor optimization methods for the Internet of Things. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020, 31, e4187.	3.9	0
51	Nanofluid flow containing carbon nanotubes with quartic autocatalytic chemical reaction and Thompson and Troian slip at the boundary. <i>Scientific Reports</i> , 2020, 10, 18710.	3.3	19
52	Radiative MHD Nanofluid Flow over a Moving Thin Needle with Entropy Generation in a Porous Medium with Dust Particles and Hall Current. <i>Entropy</i> , 2020, 22, 354.	2.2	34
53	Optimization of makespan and resource utilization in the fog computing environment through task scheduling algorithm. <i>International Journal of Wavelets, Multiresolution and Information Processing</i> , 2020, 18, 1941025.	1.3	11
54	Thermally Stratified Darcy Forchheimer Flow on a Moving Thin Needle with Homogeneous Heterogeneous Reactions and Non-Uniform Heat Source/Sink. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 432.	2.5	22

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55	Numerical Analysis of Carbon Nanotube-Based Nanofluid Unsteady Flow Amid Two Rotating Disks with Hall Current Coatings and Homogeneousâ€”Heterogeneous Reactions. <i>Coatings</i> , 2020, 10, 48.	2.6	16
56	Numerical Study for the Effects of Temperature Dependent Viscosity Flow of Non-Newtonian Fluid with Double Stratification. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 708.	2.5	23
57	Effects of Chemical Species and Nonlinear Thermal Radiation with 3D Maxwell Nanofluid Flow with Double Stratificationâ€”An Analytical Solution. <i>Entropy</i> , 2020, 22, 453.	2.2	37
58	Procuring cooperative intelligence in autonomous vehicles for object detection through data fusion approach. <i>IET Intelligent Transport Systems</i> , 2020, 14, 1410-1417.	3.0	46
59	Examination of the Role of miR-23a in the Development of Thermotolerance. <i>Current Molecular Medicine</i> , 2020, 20, 194-201.	1.3	2
60	Diffraction of Transient Cylindrical Waves by a Rigid Oscillating Strip. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3568.	2.5	1
61	A New Method to Study the Periodic Solutions of the Ordinary Differential Equations Using Functional Analysis. <i>Mathematics</i> , 2019, 7, 677.	2.2	7
62	Segmentation by Fractional Order Darwinian Particle Swarm Optimization Based Multilevel Thresholding and Improved Lossless Prediction Based Compression Algorithm for Medical Images. <i>IEEE Access</i> , 2019, 7, 89570-89580.	4.2	118
63	An Image Encryption Scheme Based on Block Scrambling, Modified Zigzag Transformation and Key Generation Using Enhanced Logisticâ€”Tent Map. <i>Entropy</i> , 2019, 21, 656.	2.2	76
64	Novel Neutrosophic Cubic Graphs Structures With Application in Decision Making Problems. <i>IEEE Access</i> , 2019, 7, 94757-94778.	4.2	6
65	An Efficient Mixture Model Approach in Brain-Machine Interface Systems for Extracting the Psychological Status of Mentally Impaired Persons Using EEG Signals. <i>IEEE Access</i> , 2019, 7, 77905-77914.	4.2	51
66	N-Cubic sets and aggregation operators. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 37, 5009-5023.	1.4	11
67	Onset of Cattaneo-Christov Heat Flux and Thermal Stratification in Ethylene-Glycol Based Nanofluid Flow Containing Carbon Nanotubes in a Rotating Frame. <i>IEEE Access</i> , 2019, 7, 146190-146197.	4.2	20
68	Neutrosophic cubic Heronian mean operators with applications in multiple attribute group decision-making using cosine similarity functions. <i>International Journal of Distributed Sensor Networks</i> , 2019, 15, 155014771987761.	2.2	26
69	An optimized hierarchical encryption technique for tamper recognition. <i>Multimedia Tools and Applications</i> , 2019, 78, 18693-18712.	3.9	7
70	Adaptive Energy Aware Quality of Service for Reliable Data Transfer in Under Water Acoustic Sensor Networks. <i>IEEE Access</i> , 2019, 7, 80093-80103.	4.2	47
71	A study on ECG signal characterization and practical implementation of some ECG characterization techniques. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 147, 106384.	5.0	47
72	Neutrosophic Cubic Einstein Hybrid Geometric Aggregation Operators with Application in Prioritization Using Multiple Attribute Decision-Making Method. <i>Mathematics</i> , 2019, 7, 346.	2.2	13

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73	Complex Intuitionistic Fuzzy Graphs with Application in Cellular Network Provider Companies. Mathematics, 2019, 7, 35.	2.2	61
74	Effect of Viscous Dissipation in Heat Transfer of MHD Flow of Micropolar Fluid Partial Slip Conditions: Dual Solutions and Stability Analysis. Energies, 2019, 12, 4617.	3.1	25
75	Impact of Nonlinear Chemical Reaction and Melting Heat Transfer on an MHD Nanofluid Flow over a Thin Needle in Porous Media. Applied Sciences (Switzerland), 2019, 9, 5492.	2.5	14
76	Impact of Second-Order Slip and Double Stratification Coatings on 3D MHD Williamson Nanofluid Flow with Cattaneo-Christov Heat Flux. Coatings, 2019, 9, 849.	2.6	25
77	Molecular Chaperone HSP70 and Key Regulators of Apoptosis - A Review. Current Molecular Medicine, 2019, 19, 315-325.	1.3	37
78	Survey of energy drink consumption and adverse health effects in Lebanon. Health Information Science and Systems, 2018, 6, 15.	5.2	14
79	Almost Periodic Solutions of First-Order Ordinary Differential Equations. Mathematics, 2018, 6, 171.	2.2	11
80	Understanding expert finding systems: domains and techniques. Social Network Analysis and Mining, 2018, 8, 1.	2.8	14
81	Cost efficiency of Telecommunication Equipment- A Review. , 2018, , .		1
82	Preventive & Predictive Maintenance of Telecommunication Equipment - A Review. , 2018, , .		1
83	Modeling and dual solutions for magnetized mixed convective stagnation point flow of upper convected Maxwell fluid model with second-order velocity slip. Mathematical Methods in the Applied Sciences, 0, , .	2.3	16