

Rakesh Kumar

List of Publications by Year in descending order

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364
papers

9,215
citations

57758

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64796

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374
docs citations

374
times ranked

8493
citing authors

#	ARTICLE	IF	CITATIONS
1	Water-based nanofluid flow with various shapes of Al ₂ O ₃ nanoparticles owing to MHD inside a permeable tank with heat transfer. Applied Nanoscience (Switzerland), 2023, 13, 2653-2664.	3.1	51
2	Creativity, Proactive Personality and Entrepreneurial Intentions: Examining the Mediating Role of Entrepreneurial Self-efficacy. Global Business Review, 2022, 23, 101-118.	3.1	69
3	Green Advertising: Examining the Role of Celebrity's Credibility Using SEM Approach. Global Business Review, 2022, 23, 440-459.	3.1	14
4	Cytochrome P450 2C19 gene polymorphisms (CYP2C19*2 and CYP2C19*3) in chronic myeloid leukemia patients: <i>in vitro</i> and <i>in silico</i> studies. Journal of Biomolecular Structure and Dynamics, 2022, 40, 9389-9402.	3.5	6
5	Role of epigenetics in carcinogenesis: Recent advancements in anticancer therapy. Seminars in Cancer Biology, 2022, 83, 441-451.	9.6	18
6	Modified homotopy perturbation approach for the system of fractional partial differential equations: A utility of fractional Wronskian. Mathematical Methods in the Applied Sciences, 2022, 45, 809-826.	2.3	4
7	Technological upgradations in jaggery making plants. Materials Today: Proceedings, 2022, 56, 2478-2483.	1.8	4
8	Microplastic pollution in mountain terrains and foothills: A review on source, extraction, and distribution of microplastics in remote areas. Environmental Research, 2022, 207, 112232.	7.5	55
9	Microplastic in the subsurface system: Extraction and characterization from sediments of River Ganga near Patna, Bihar. , 2022, , 191-217.		6
10	Topological phase transition associated with structural phase transition in ternary half Heusler compound LiAuBi. Journal of Physics Condensed Matter, 2022, 34, 145501.	1.8	0
11	Crime hotspot detection using statistical and geospatial methods: a case study of Pune City, Maharashtra, India. Geo Journal, 2022, 87, 5287-5303.	3.1	14
12	A new fifth order finite difference WENO scheme to improve convergence rate at critical points. Wave Motion, 2022, 109, 102859.	2.0	3
13	Landsat-based multi-decadal spatio-temporal assessment of the vegetation greening and browning trend in the Eastern Indian Himalayan Region. Remote Sensing Applications: Society and Environment, 2022, 25, 100695.	1.5	6
14	Fixed-time stability of dynamical systems with impulsive effects. Journal of the Franklin Institute, 2022, 359, 3164-3182.	3.4	10
15	Polymer curing assisted formation of optically visible sub-micron blisters of multilayer graphene for local strain engineering. Journal of Physics Condensed Matter, 2022, , .	1.8	2
16	Hydrological Perspectives on Integrated, Coordinated, Open, Networked (ICON) Science. Earth and Space Science, 2022, 9, .	2.6	3
17	Multi-level WENO schemes with an adaptive characteristic-wise reconstruction for system of Euler equations. Computers and Fluids, 2022, 239, 105386.	2.5	3
18	Recycling of Ti6Al4V machining swarf into additive manufacturing feedstock powder to realise sustainable recycling goals. Journal of Cleaner Production, 2022, 348, 131342.	9.3	11

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19	Review on arsenic removal using biochar-based materials. <i>Groundwater for Sustainable Development</i> , 2022, 17, 100740.	4.6	26
20	Micro(nano)plastics pollution and human health: How plastics can induce carcinogenesis to humans?. <i>Chemosphere</i> , 2022, 298, 134267.	8.2	120
21	Lucas Wavelet Scheme for Fractional Bagley–Torvik Equations: Gauss–Jacobi Approach. <i>International Journal of Applied and Computational Mathematics</i> , 2022, 8, 1.	1.6	6
22	Do ownership structures and governance attributes matter for corporate sustainability reporting? An examination in the Indian context. <i>Management of Environmental Quality</i> , 2022, 33, 1077-1096.	4.3	23
23	Occurrence, spatial distribution, and risk assessment of microplastics in surface water and sediments of Saint Martin Island in the Bay of Bengal. <i>Marine Pollution Bulletin</i> , 2022, 179, 113720.	5.0	31
24	Coupled effects of microplastics and heavy metals on plants: Uptake, bioaccumulation, and environmental health perspectives. <i>Science of the Total Environment</i> , 2022, 836, 155619.	8.0	65
25	Spatial distribution and risk assessments due to the microplastics pollution in sediments of Karnaphuli River Estuary, Bangladesh. <i>Scientific Reports</i> , 2022, 12, .	3.3	70
26	Removal of hexavalent chromium via biochar-based adsorbents: State-of-the-art, challenges, and future perspectives. <i>Journal of Environmental Management</i> , 2022, 317, 115356.	7.8	54
27	Deciphering the impact of missense mutations on structure and dynamics of SMAD4 protein involved in pathogenesis of gall bladder cancer. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 1940-1954.	3.5	6
28	Stability analysis of multiple solutions in case of a stretched nanofluid flow obeying Corcione's correlation: An extended Darcy model. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2021, 101, e202000172.	1.6	8
29	Kuth Saussurea costus (Falc.) Lipsch.: A critically endangered medicinal plant from Himalaya. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2021, 20, 100277.	1.5	8
30	Utility of a combined approach using audit, education and information technology tools to improve transfusion practices. <i>ISBT Science Series</i> , 2021, 16, 49-55.	1.1	0
31	Mathematical modeling of stagnation region nanofluid flow through Darcy–Forchheimer space taking into account inconsistent heat source/sink. <i>Journal of Applied Mathematics and Computing</i> , 2021, 65, 713-734.	2.5	14
32	Synthesis, crystal structure, DNA interaction, DFT analysis and molecular docking studies of copper(ii) complexes with 1-methyl-L-tryptophan and phenanthroline units. <i>Journal of Molecular Structure</i> , 2021, 1224, 129236.	3.6	14
33	<sc>Genotype–phenotype</sc> correlation of K _{ATP} channel gene defects causing permanent neonatal diabetes in Indian patients. <i>Pediatric Diabetes</i> , 2021, 22, 82-92.	2.9	9
34	Effects of heterogeneous impulses on synchronization of complex-valued neural networks with mixed time-varying delays. <i>Information Sciences</i> , 2021, 551, 228-244.	6.9	18
35	Anatomical variations in cortical bone surface permeability: Tibia versus femur. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 113, 104122.	3.1	10
36	Recent Developments in Extraction, Identification, and Quantification of Microplastics from Agricultural Soil and Groundwater. <i>Microorganisms for Sustainability</i> , 2021, , 125-143.	0.7	2

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37	Recent advances for construction and late-stage diversification of indole core via C-H bond activation/functionalization. , 2021, , 207-248.		0
38	Globally divergence-free DG scheme for ideal compressible MHD. Communications in Applied Mathematics and Computational Science, 2021, 16, 59-98.	1.8	7
39	Vermicompost fertilization and pinching improves the growth, yield, and quality of super food (Chenopodium quinoa Willd.) in the western Himalaya. Acta Physiologiae Plantarum, 2021, 43, 1.	2.1	3
40	Critical Evaluation of GM Cotton. , 2021, , 351-410.		2
41	Elevated CO ₂ and temperature effect on growth, phenology, biomass and hypericin content of Hypericum perforatum L. in the western Himalaya. Plant Physiology Reports, 2021, 26, 116-127.	1.5	4
42	Mutant strains of SARS-CoV-2 are more prone to infect obese patient: a review. Wiener Klinische Wochenschrift, 2021, 133, 383-392.	1.9	3
43	Trichoderma virens Bys1 may competitively inhibit its own effector protein Alt a 1 to stabilize the symbiotic relationship with plant-evidence from docking and simulation studies. 3 Biotech, 2021, 11, 144.	2.2	3
44	Structural based screening of potential inhibitors of SMAD4: a step towards personalized medicine for gall bladder and other associated cancers. Molecular Diversity, 2021, 25, 1945-1961.	3.9	1
45	In silico drug designing for COVID-19: an approach of high-throughput virtual screening, molecular, and essential dynamics simulations. Journal of Biomolecular Structure and Dynamics, 2021, , 1-15.	3.5	1
46	Fractional Order Fuzzy Based Virtual Inertia Controller Design for Frequency Stability in Isolated Hybrid Power Systems. Energies, 2021, 14, 1634.	3.1	8
47	Hydrogen assisted crack initiation in metals under monotonic loading: A new experimental approach. Theoretical and Applied Fracture Mechanics, 2021, 112, 102917.	4.7	9
48	C ₇₀ Fullerene Catalyzed Photoinduced Aerobic Oxidation of Benzylamines to Imines and Aldehydes. Journal of Organic Chemistry, 2021, 86, 6449-6457.	3.2	22
49	Evidence of microplastics in wetlands: Extraction and quantification in Freshwater and coastal ecosystems. Journal of Water Process Engineering, 2021, 40, 101966.	5.6	68
50	Mauriac syndrome: A failure of parent or physician. Tropical Doctor, 2021, 51, 437-440.	0.5	0
51	Rh(III)-Catalyzed Regioselective C8-Alkylation of Quinoline N-Oxides with Maleimides and Acrylates. Journal of Organic Chemistry, 2021, 86, 6612-6621.	3.2	20
52	Mixed convective nanofluid flow over a non linearly stretched Riga plate. Case Studies in Thermal Engineering, 2021, 24, 100828.	5.7	63
53	Mutations in passive residues modulate 3D-structure of NDM (New Delhi metallo-β-lactamase) protein that endue in drug resistance: a MD simulation approach. Journal of Biomolecular Structure and Dynamics, 2021, , 1-17.	3.5	2
54	Conventional PCR as a reliable method for diagnosing invasive mucormycosis in resource-limited settings. Journal of Medical Microbiology, 2021, 70, .	1.8	2

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73	EBH-DBR: energy-balanced hybrid depth-based routing protocol for underwater wireless sensor networks. <i>Modern Physics Letters B</i> , 2021, 35, 2150061.	1.9	6
74	Effect of Physical Characteristics and Hydrodynamic Conditions on Transport and Deposition of Microplastics in Riverine Ecosystem. <i>Water (Switzerland)</i> , 2021, 13, 2710.	2.7	76
75	Comparison of landmark and real-time ultrasound-guided epidural catheter placement in the pediatric population: a prospective randomized comparative trial. <i>Anesthesia and Pain Medicine</i> , 2021, 16, 368-376.	1.4	4
76	Design and Implementation of Frequency Controller for Wind Energy-Based Hybrid Power System Using Quasi-Oppositional Harmonic Search Algorithm. <i>Energies</i> , 2021, 14, 6459.	3.1	3
77	Optimization of Exit Diameter of Hole on Ti-6Al-4V Superalloy Using Laser Drilling. <i>Lecture Notes on Multidisciplinary Industrial Engineering</i> , 2021, , 291-302.	0.6	0
78	Performance Study of Surface Integrity of Inconel 625 by DoE Approach During WEDM Machining. <i>Lecture Notes on Multidisciplinary Industrial Engineering</i> , 2021, , 337-348.	0.6	1
79	Current Understanding of Thermotolerance in Wheat. , 2021, , 125-138.		0
80	Bioaccumulation of Fluoride in Plants and Its Microbially Assisted Remediation: A Review of Biological Processes and Technological Performance. <i>Processes</i> , 2021, 9, 2154.	2.8	13
81	Performance Analysis of a Cloud Computing System using Queuing Model with Correlated Task Reneging. <i>Journal of Physics: Conference Series</i> , 2021, 2091, 012003.	0.4	5
82	Weak, modified and function projective synchronization of Cohen-Grossberg neural networks with mixed time-varying delays and parameter mismatch via matrix measure approach. <i>Neural Computing and Applications</i> , 2020, 32, 7321-7332.	5.6	6
83	Modified cubic B-spline quasi-interpolation numerical scheme for hyperbolic conservation laws. <i>Applicable Analysis</i> , 2020, 99, 158-179.	1.3	6
84	Solvothermal synthesis, structural characterization, DFT and magnetic studies of a dinuclear paddlewheel Cu(II)-metallamacrocycle. <i>Journal of Molecular Structure</i> , 2020, 1201, 127193.	3.6	7
85	On mechanical activation of glauconite: Physicochemical changes, alterations in cation exchange capacity and mechanisms. <i>Powder Technology</i> , 2020, 360, 337-351.	4.2	27
86	Free-Air CO ₂ Enrichment (FACE) and Free-Air Temperature Increase (FATI) Effects on <i>Trifolium repens</i> L. in Temperate Himalayas. <i>International Journal of Plant Production</i> , 2020, 14, 43-56.	2.2	4
87	Projective Synchronization of Delayed Neural Networks With Mismatched Parameters and Impulsive Effects. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020, 31, 1211-1221.	11.3	55
88	Identification and Expression Pattern Analysis of Two <i>Gossypium hirsutum</i> Zinc Finger Transcription Factors During Cotton Fiber Initiation. <i>The National Academy of Sciences, India</i> , 2020, 43, 115-119.	1.3	6
89	Hydrogen distribution in metallic polycrystals with deformation. <i>Journal of the Mechanics and Physics of Solids</i> , 2020, 135, 103776.	4.8	17
90	AMPK α promotes basal autophagy induction in <i>Dictyostelium discoideum</i> . <i>Journal of Cellular Physiology</i> , 2020, 235, 4941-4953.	4.1	9

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91	Exponential stability of inertial BAM neural network with time-varying impulses and mixed time-varying delays via matrix measure approach. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2020, 81, 105016.	3.3	43
92	Regioselective Arylation of Quinoline <i>N</i> -Oxides (C8), Indolines (C7) and <i>N</i> - <i>tert</i> -Butylbenzamide with Arylboronic Acids. <i>ACS Omega</i> , 2020, 5, 904-913.	3.5	22
93	Effects of infinite occurrence of hybrid impulses with quasi-synchronization of parameter mismatched neural networks. <i>Neural Networks</i> , 2020, 122, 106-116.	5.9	18
94	Metal- and Solvent-Free Multicomponent Decarboxylative A ³ -Coupling for the Synthesis of Propargylamines: Experimental, Computational, and Biological Investigations. <i>Journal of Organic Chemistry</i> , 2020, 85, 2231-2241.	3.2	22
95	Cp*Rh(III)-Catalyzed Regioselective C(sp ³)-H Methylation of 8-Methylquinolines with Organoborons. <i>Organic Letters</i> , 2020, 22, 305-309.	4.6	29
96	Recent advances in decarboxylative C-C bond formation using direct or in situ generated alkenyl acids. <i>Catalysis Reviews - Science and Engineering</i> , 2020, 62, 118-161.	12.9	15
97	Ru(II)/Rh(III)-Catalyzed C(sp ³)-C(sp ³) Bond Formation through C(sp ³)-H Activation: Selective Linear Alkylation of 8-Methylquinolines and Ketoximes with Olefins. <i>Journal of Organic Chemistry</i> , 2020, 85, 1181-1192.	3.2	17
98	Plasma ablation-assisted endoscopic excision versus traditional technique of endoscopic excision of juvenile nasopharyngeal angiofibroma. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2020, 139, 110410.	1.0	5
99	<i>Trichoderma virens</i> Alt a 1 protein may target maize PR5/thaumatin-like protein to suppress plant defence: An in silico analysis. <i>Physiological and Molecular Plant Pathology</i> , 2020, 112, 101551.	2.5	14
100	Structural and conformational changes induced by missense variants in the zinc finger domains of GATA3 involved in breast cancer. <i>RSC Advances</i> , 2020, 10, 39640-39653.	3.6	8
101	Three dimensional stagnation flow of Casson nanofluid through Darcy-Forchheimer space: A reduction to Blasius/Sakiadis flow. <i>Chinese Journal of Physics</i> , 2020, 68, 874-885.	3.9	18
102	Constraint Preserving Discontinuous Galerkin Method for Ideal Compressible MHD on 2-D Cartesian Grids. <i>Journal of Scientific Computing</i> , 2020, 84, 1.	2.3	1
103	Estimation of Loading-Driven Fluid-Flow Pattern in Lacunar-Canalicular Space Using Fluid Structure Interaction. <i>Journal of Physics: Conference Series</i> , 2020, 1504, 012006.	0.4	2
104	Photocatalytic Unsymmetrical Coupling of 2-Substituted Quinolines: Synthesis and Evaluation of the Antiplasmodial Potential of 1 ² -Norbenzomorphan Frameworks. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 12902-12910.	6.7	10
105	Coal Pillar Extraction Under Weak Roof. <i>Mining, Metallurgy and Exploration</i> , 2020, 37, 1451-1459.	0.8	9
106	Identification and characterization of multiple abiotic stress tolerance genes in wheat. <i>Molecular Biology Reports</i> , 2020, 47, 8629-8643.	2.3	13
107	A Multi-Server Queuing Model With Balking and Correlated Reneging With Application in Health Care Management. <i>IEEE Access</i> , 2020, 8, 169623-169639.	4.2	10
108	Investigating the Role of Translationally Control Tumor Protein in Growth, Development and Differentiation of <i>Dictyostelium discoideum</i> . <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 742.	3.7	3

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109	Nipple eczema in an adolescent girl presenting with persistent unilateral nipple discharge. <i>BMJ Case Reports</i> , 2020, 13, e237691.	0.5	1
110	Ru(II)-Catalyzed Chemoselective C(sp ³)-H Monoarylation of 8-Methyl Quinolines with Arylboronic Acids. <i>Journal of Organic Chemistry</i> , 2020, 85, 11844-11855.	3.2	12
111	A single server queuing system with correlated renegeing and feedback of served customers. <i>Communications in Statistics - Theory and Methods</i> , 2020, , 1-16.	1.0	0
112	Researcher Intention to Use Statistical Software. <i>International Journal of Technology and Human Interaction</i> , 2020, 16, 39-55.	0.4	3
113	Normalized Lucas wavelets: an application to Lane's Emden and pantograph differential equations. <i>European Physical Journal Plus</i> , 2020, 135, 1.	2.6	9
114	Nanoparticle impact on discharging of PCM through a thermal storage involving numerical modeling for heat transfer and irreversibility. <i>Powder Technology</i> , 2020, 376, 424-437.	4.2	20
115	Metal-Free Multicomponent Construction of Tetrahydroisoquinoline-Indole Derivatives via In Situ Generated ortho-Quinonoid Intermediate. <i>ChemistrySelect</i> , 2020, 5, 12514-12520.	1.5	6
116	Recent advances in the C(1)-functionalization of tetrahydroisoquinolines via multicomponent reactions. <i>Chemistry of Heterocyclic Compounds</i> , 2020, 56, 422-432.	1.2	13
117	Variability in chemical composition and antimicrobial activity of <i>Tagetes minuta</i> L. essential oil collected from different locations of Himalaya. <i>Industrial Crops and Products</i> , 2020, 150, 112449.	5.2	43
118	Catalyst-Free and Metal-Free Approach towards Synthesis of Amide- and Thioamide-Linked β -Carboline-Pyridine Conjugates and Estimation of Their Photophysical Properties. <i>ChemistrySelect</i> , 2020, 5, 5172-5179.	1.5	9
119	Signatures of non-trivial band topology in LaAs/LaBi heterostructure. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 395703.	1.8	1
120	Interaction of LysM BON family protein domain with carbapenems: A putative mechanism of carbapenem resistance. <i>International Journal of Biological Macromolecules</i> , 2020, 160, 212-223.	7.5	4
121	Enhance the Lifespan of Underwater Sensor Network Through Energy Efficient Hybrid Data Communication Scheme. , 2020, , .		9
122	Co(III)-Catalyzed C-H Amidation of Nitrogen-Containing Heterocycles with Dioxazolones under Mild Conditions. <i>Journal of Organic Chemistry</i> , 2020, 85, 9244-9254.	3.2	20
123	Pituitary macroadenoma secondary to Hashimoto's thyroiditis: inadvertent diagnosis in a pre-pubertal girl. <i>Tropical Doctor</i> , 2020, 50, 240-242.	0.5	0
124	Endogenous and Exogenous Vanilloids Evoke Disparate TRPV1 Activation to Produce Distinct Neuronal Responses. <i>Frontiers in Pharmacology</i> , 2020, 11, 903.	3.5	3
125	Kinetic theory based multi-level adaptive finite difference WENO schemes for compressible Euler equations. <i>Wave Motion</i> , 2020, 98, 102626.	2.0	9
126	Signalling molecule transport analysis in lacunar canalicular system. <i>Biomechanics and Modeling in Mechanobiology</i> , 2020, 19, 1879-1896.	2.8	15

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127	L1-type smoothness indicators based WENO scheme for nonlinear degenerate parabolic equations. Applied Mathematics and Computation, 2020, 375, 125112.	2.2	8
128	Simulation Examination for Nanoparticle Flow in a Permeable Enclosure via CVFEM Involving MHD Effect. Arabian Journal for Science and Engineering, 2020, 45, 5243-5257.	3.0	2
129	Positivity-Preserving Finite Difference WENO Scheme for Ten-Moment Equations with Source Term. Journal of Scientific Computing, 2020, 82, 1.	2.3	7
130	Cp*Rh^{III}-Catalyzed Sterically Controlled C(sp³)-H Selective Mono- and Diarylation of 8-Methylquinolines with Organoborons**. Chemistry - A European Journal, 2020, 26, 4396-4402.	3.3	19
131	Al-Monohydrate (Boehmite) to Al-Trihydrate (Bayerite/Gibbsite) Transformation During High-Energy Milling. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2020, 51, 443-451.	2.1	8
132	Picrorhiza kurroa: a promising traditional therapeutic herb from higher altitude of western Himalayas. Journal of Herbal Medicine, 2020, 23, 100358.	2.0	29
133	Is the mid-transverse process to pleura block a better technique for patients with obesity undergoing modified radical mastectomy?. Korean Journal of Anesthesiology, 2020, 73, 462-464.	2.5	4
134	Environmentally Sound Technologies for Sustainability and Climate Change. Encyclopedia of the UN Sustainable Development Goals, 2020, , 1-11.	0.1	1
135	Retrospective comparison between non-treponemal and treponemal tests for screening of blood donors for syphilis and their correlation with donor history in a tertiary care teaching hospital. Transfusion and Apheresis Science, 2020, 59, 102814.	1.0	3
136	Performance Evaluations of a Cloud Computing Physical Machine with Task Reneging and Task Resubmission (Feedback). Communications in Computer and Information Science, 2020, , 185-198.	0.5	4
137	Influence of Process Parameters on Tool Wear Rate for Rotary Cu Tool Electrode in Electrical Discharge Drilling. Lecture Notes on Multidisciplinary Industrial Engineering, 2020, , 183-193.	0.6	1
138	Transient Solution of a Single Server Queuing Model with Correlated Reneging Using Runge-Kutta Method. International Journal of Mathematical, Engineering and Management Sciences, 2020, 5, 886-896.	0.7	1
139	First principles investigation of topological phase in XMR material TmSb under hydrostatic pressure. Journal of Physics Condensed Matter, 2019, 31, 335401.	1.8	6
140	Cubic Auto-Catalysis Reactions in Three-Dimensional Nanofluid Flow Considering Viscous and Joule Dissipations Under Thermal Jump. Communications in Theoretical Physics, 2019, 71, 779.	2.5	11
141	The role of conserved residues in the catalytic activity of NDM-1: an approach involving site directed mutagenesis and molecular dynamics. Physical Chemistry Chemical Physics, 2019, 21, 17821-17835.	2.8	14
142	Exploration of Thermal-Diffusion and Diffusion-Thermal Effects on the Motion of Temperature-Dependent Viscous Fluid Conveying Microorganism. Arabian Journal for Science and Engineering, 2019, 44, 8023-8033.	3.0	18
143	Rh(III)-Catalyzed C(8)-H Activation of Quinoline <i>N</i>-Oxides: Regioselective C-Br and C-N Bond Formation. Journal of Organic Chemistry, 2019, 84, 12871-12880.	3.2	33
144	Role of Trust in Adoption of Online Good Service Tax Filing in India. Vikalpa, 2019, 44, 99-114.	1.2	5

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145	Modelling of Fatigue Crack Initiation in Hydrogen Charged Polycrystalline Nickel. <i>Procedia Structural Integrity</i> , 2019, 14, 668-675.	0.8	6
146	In-situ Study of the Effect of Hydrogen on Fatigue Crack Initiation in Polycrystalline Nickel. <i>Procedia Structural Integrity</i> , 2019, 14, 790-797.	0.8	4
147	Rh/O ₂ -Catalyzed C8 Olefination of Quinoline <i>N</i> -Oxides with Activated and Unactivated Olefins. <i>Journal of Organic Chemistry</i> , 2019, 84, 2786-2797.	3.2	47
148	Optimization of Agrobacterium-mediated transformation in spring bread wheat using mature and immature embryos. <i>Molecular Biology Reports</i> , 2019, 46, 1845-1853.	2.3	29
149	Transient Solution of a Heterogeneous Queuing System with Balking and Retention of Reneging Customers. <i>Communications in Computer and Information Science</i> , 2019, , 330-346.	0.5	3
150	Efficient seventh order WENO schemes of adaptive order for hyperbolic conservation laws. <i>Computers and Fluids</i> , 2019, 190, 49-76.	2.5	17
151	Catalyst-Free Synthesis of 2-Anilinoquinolines and 3-Hydroxyquinolines via Three-Component Reaction of Quinoline <i>N</i> -Oxides, Aryldiazonium Salts, and Acetonitrile. <i>Journal of Organic Chemistry</i> , 2019, 84, 6962-6969.	3.2	25
152	Clinical efficacy of Professional Continuous Glucose Monitoring in improving glycemic control among children with Type 1 Diabetes Mellitus: An Open-label Randomized Control Trial. <i>Scientific Reports</i> , 2019, 9, 6120.	3.3	20
153	Investigation of Surface Roughness for Inconel 718 in Blind Hole Drilling with Rotary Tool Electrode. <i>Journal of Advanced Manufacturing Systems</i> , 2019, 18, 379-394.	1.0	4
154	Microwave-Assisted Metal-Free Rapid Synthesis of C ₄ -Arylated Quinolines via Povarov Type Multicomponent Reaction. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 2753-2758.	2.4	30
155	Canalicular fluid flow induced by loading waveforms: A comparative analysis. <i>Journal of Theoretical Biology</i> , 2019, 471, 59-73.	1.7	25
156	CRISPR-based genome editing in wheat: a comprehensive review and future prospects. <i>Molecular Biology Reports</i> , 2019, 46, 3557-3569.	2.3	48
157	Experimental and Numerical Simulation of Crack Propagation in Sandstone by Semi Circular Bend Test. <i>Geotechnical and Geological Engineering</i> , 2019, 37, 3157-3169.	1.7	7
158	Prolonged neonatal hyperbilirubinaemia in a case of congenital hypopituitarism. <i>BMJ Case Reports</i> , 2019, 12, bcr-2018-228793.	0.5	1
159	Transient analysis of an M/M/c queuing system with retention of reneging customers. <i>International Journal of Operational Research</i> , 2019, 36, 78.	0.2	2
160	Transient and steady-state analysis of a queuing system having customers' impatience with threshold. <i>RAIRO - Operations Research</i> , 2019, 53, 1861-1876.	1.8	3
161	Mapping of calorimetric response for the geopolymerisation of mechanically activated fly ash. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 136, 1117-1133.	3.6	12
162	Transient and Steady-State Behavior of a Two-Heterogeneous Servers' Queuing System with Balking and Retention of Reneging Customers. <i>Asset Analytics</i> , 2019, , 251-264.	0.5	0

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163	CO ₂ Flux Tower and Remote Sensing: Tools for Monitoring Carbon Exchange over Ecosystem Scale in Northwest Himalaya. , 2019, , 313-327.		3
164	Cp*Co ^{III} Catalyzed Alkylation of Primary and Secondary C(sp ³)-H Bonds of 8-Alkylquinolines with Maleimides. Journal of Organic Chemistry, 2019, 84, 1542-1552.	3.2	50
165	Irreversibility analysis of the three dimensional flow of carbon nanotubes due to nonlinear thermal radiation and quartic chemical reactions. Journal of Molecular Liquids, 2019, 274, 379-392.	4.9	68
166	Dual phase and dual anti-phase synchronization of fractional order chaotic systems in real and complex variables with uncertainties. Chinese Journal of Physics, 2019, 57, 282-308.	3.9	16
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