

Rahul Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

308
papers

9,836
citations

47006

47
h-index

53230

85
g-index

315
all docs

315
docs citations

315
times ranked

15381
citing authors

#	ARTICLE	IF	CITATIONS
1	Risk investigation in circular economy: a hierarchical decision model approach. <i>International Journal of Logistics Research and Applications</i> , 2024, 27, 103-128.	8.8	3
2	Geometrically nonlinear analysis for flexure response of FGM plate under patch load. <i>Mechanics Based Design of Structures and Machines</i> , 2023, 51, 6532-6556.	4.7	3
3	Radial basis collocation method for free vibration analysis of elastically supported porous bi-directional FGM plate under various types of porosity distribution. <i>Advances in Materials and Processing Technologies</i> , 2023, 9, 368-390.	1.4	2
4	Managing a natural disaster: actionable insights from microblog data. <i>Journal of Decision Systems</i> , 2022, 31, 134-149.	3.2	4
5	Comparative structural analysis of CNC milling machine bed using Al-SiC/graphite, Al alloy and Al-SiC composite material. <i>Materials Today: Proceedings</i> , 2022, 51, 735-741.	1.8	4
6	Validation of the SURFASA score to define steroid responsiveness in patients with acute autoimmune hepatitis. <i>Journal of Hepatology</i> , 2022, 76, 485-487.	3.7	3
7	Maximal non-PrÃ¼fer and maximal non-PrÃ¼fer rings. <i>Communications in Algebra</i> , 2022, 50, 1613-1631.	0.6	2
8	Does preemptive transjugular intrahepatic portosystemic shunt improve survival after acute variceal bleeding? Systematic review, meta-analysis, and trial sequential analysis of randomized trials. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2022, 37, 455-463.	2.8	13
9	Performance evaluation of cerium oxide/water nanofluid based FPSC: An experimental analysis. <i>Materials Today: Proceedings</i> , 2022, 56, 1659-1667.	1.8	3
10	Numerical simulation of the thermomechanical buckling analysis of bidirectional porous functionally graded plate using collocation meshfree method. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2022, 236, 787-807.	1.1	6
11	The global disease burden of varicella-zoster virus infection from 1990 to 2019. <i>Journal of Medical Virology</i> , 2022, 94, 2736-2746.	5.0	14
12	Thermal performance and behavior analysis of SiO ₂ , Al ₂ O ₃ and MgO based nano-enhanced phase-changing materials, latent heat thermal energy storage system. <i>Journal of Energy Storage</i> , 2022, 48, 103977.	8.1	39
13	Validation of Non-invasive Fibrosis Scores for Predicting Advanced Fibrosis in Metabolic-associated Fatty Liver Disease. <i>Journal of Clinical and Translational Hepatology</i> , 2022, 10, 589-594.	1.4	7
14	Comparison of sorption models to predict analyte loss during sample filtration and evaluation of the impact of filtration on data quality. <i>Science of the Total Environment</i> , 2022, 817, 152624.	8.0	2
15	Host SPX-PHR regulatory circuit: the molecular dynamo steering mycorrhization in plants. <i>Plant Cell Reports</i> , 2022, , 1.	5.6	2
16	Effect of uniform and nonuniform porosity on free vibration of functionally graded circular plate. <i>International Journal of Computational Materials Science and Engineering</i> , 2022, 11, .	0.7	3
17	Spatial-temporal analysis of HIV/AIDS and syphilis in mainland China from 2007 to 2017. <i>Journal of Medical Virology</i> , 2022, 94, 3328-3337.	5.0	5
18	Single crystalline Ge thin film growth on c-plane sapphire substrates by molecular beam epitaxy (MBE). <i>CrystEngComm</i> , 2022, 24, 4372-4380.	2.6	4

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19	Mining voices from self-expressed messages on social-media: Diagnostics of mental distress during COVID-19. <i>Decision Support Systems</i> , 2022, 162, 113792.	5.9	8
20	Present Status and Future Perspective of Antimony Chalcogenide (Sb ₂ X ₃) Photovoltaics. <i>ACS Applied Energy Materials</i> , 2022, 5, 6545-6585.	5.1	21
21	Clinical trial: seven-day vonoprazan versus 14-day proton pump inhibitor-based triple therapy for first-line <i>Helicobacter pylori</i> eradication. <i>Alimentary Pharmacology and Therapeutics</i> , 2022, 56, 436-449.	3.7	23
22	A mitochondrial unfolded protein response inhibitor suppresses prostate cancer growth in mice via HSP60. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	21
23	Dye-Sensitized Solar Cells. <i>Springer Handbooks</i> , 2022, , 1137-1214.	0.6	1
24	Extensive Wastewater-Based Epidemiology as a Resourceful Tool for SARS-CoV-2 Surveillance in a Low-to-Middle-Income Country through a Successful Collaborative Quest: WBE, Mobility, and Clinical Tests. <i>Water (Switzerland)</i> , 2022, 14, 1842.	2.7	10
25	An NLP-SEM approach to examine the gratifications affecting user's choice of different e-learning providers from user tweets. <i>Journal of Decision Systems</i> , 2021, 30, 439-455.	3.2	7
26	Pointwise maximal subrings. <i>Beitrage Zur Algebra Und Geometrie</i> , 2021, 62, 843-856.	0.5	0
27	A note on imbedded prime divisors. <i>Beitrage Zur Algebra Und Geometrie</i> , 2021, 62, 595.	0.5	0
28	Synthesis and characterization of sucrose derived carbon/MnO ₂ nanocomposite. <i>Materials Today: Proceedings</i> , 2021, 35, 76-78.	1.8	3
29	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
30	On Hurwitz zeta function and Lommel functions. <i>International Journal of Number Theory</i> , 2021, 17, 393-404.	0.5	1
31	Determinants of mortality in patients with cirrhosis and uncontrolled variceal bleeding. <i>Journal of Hepatology</i> , 2021, 74, 66-79.	3.7	35
32	FIB-4 cut-off should be re-evaluated in patients with metabolic associated fatty liver disease (MAFLD). <i>Journal of Hepatology</i> , 2021, 74, 247-248.	3.7	9
33	Synthesis and characterization of cobalt oxide (Co ₃ O ₄) nanoparticles. <i>Materials Today: Proceedings</i> , 2021, 41, 269-271.	1.8	18
34	Effect of directionally oriented random roughness on performance of a Rayleigh step bearing operating under Mixed-Elastohydrodynamic Lubrication. <i>Tribology International</i> , 2021, 153, 106572.	5.9	14
35	GaAs layer on c-plane sapphire for light emitting sources. <i>Applied Surface Science</i> , 2021, 542, 148554.	6.1	3
36	Plasmonic Au Nanoparticles Sensitized MoS ₂ , for Bifunctional NO ₂ , and Light Sensing. <i>IEEE Sensors Journal</i> , 2021, 21, 4190-4197.	4.7	12

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37	Past, present and future of blood pressure measuring instruments and their calibration. Measurement: Journal of the International Measurement Confederation, 2021, 172, 108845.	5.0	26
38	Population structure and regeneration status of Shorea robusta and associated trees in Sal forests of Ranchi, Eastern India. Tropical Ecology, 2021, 62, 34-51.	1.2	7
39	Experimental investigation of nanomaterial doped in black paint coating on absorber for energy conversion applications. Materials Today: Proceedings, 2021, 44, 961-967.	1.8	8
40	Post covid 19 pulmonary fibrosis. Is it real threat?. Indian Journal of Tuberculosis, 2021, 68, 330-333.	0.7	96
41	Two-dimensional transition metal dichalcogenides and their composites for lab-based sensing applications: Recent progress and future outlook. Sensors and Actuators A: Physical, 2021, 318, 112517.	4.1	21
42	Deriving wisdom from virtual investing communities: an alternative strategy to stock recommendations. Journal of Modelling in Management, 2021, 16, 668-688.	1.9	1
43	The removal of metformin and other selected PPCPs from water by poly(3,4-ethylenedioxythiophene) photocatalyst. Science of the Total Environment, 2021, 751, 142302.	8.0	34
44	Mitochondrial Regulation of Inflammation in Cancer. Physiology in Health and Disease, 2021, , 377-393.	0.3	0
45	Energy Generation and Management for Rural Areas of Rajasthan Through Solar Photovoltaic System. Springer Proceedings in Energy, 2021, , 253-268.	0.3	0
46	Design, Modeling and Analysis of Cu-Carbon Hybrid Interconnects. IEEE Access, 2021, 9, 113577-113584.	4.2	7
47	Carbon coated cobalt oxide (CC-CO ₃ O ₄) as electrode material for supercapacitor applications. Materials Advances, 2021, 2, 2918-2923.	5.4	36
48	Cryo-milled nano-DAP for enhanced growth of monocot and dicot plants. Nanoscale Advances, 2021, 3, 4834-4842.	4.6	5
49	Circadian Misalignment Rather Than Sleep Duration is Associated with MAFLD: A Population-Based Propensity Score-Matched Study. Nature and Science of Sleep, 2021, Volume 13, 103-111.	2.7	24
50	A note on ϕ - λ -rings and ϕ - Δ -rings. Rendiconti Del Circolo Matematico Di Palermo, 2021, 70, 1657-1667.	1.3	0
51	CFD Analysis of Air Distribution for Suitable Position of Evaporator in Cold Chamber. Springer Proceedings in Energy, 2021, , 973-985.	0.3	2
52	MAFLD Criteria Guide the Subtyping of Patients with Fatty Liver Disease. Risk Management and Healthcare Policy, 2021, Volume 14, 491-501.	2.5	31
53	Clinical Outcomes and Patient-Matched Molecular Composition of Relapsed Medulloblastoma. Journal of Clinical Oncology, 2021, 39, 807-821.	1.6	40
54	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

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55	In silico drug designing for COVID-19: an approach of high-throughput virtual screening, molecular, and essential dynamics simulations. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, , 1-15.	3.5	1
56	Review based on the absorber plate coating for solar air heater applications. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1116, 012053.	0.6	5
57	Numerical investigation of performance analysis of Triangular Solar air heater using Computational Fluid Dynamics (CFD). <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1116, 012047.	0.6	8
58	A High Step-Up Switched Z-Source Converter (HS-SZC) with Minimal Components Count for Enhancing Voltage Gain. <i>Electronics (Switzerland)</i> , 2021, 10, 924.	3.1	1
59	Design and Development of a Temperature-Compensated Body Mass Index Measuring System. <i>Mapan - Journal of Metrology Society of India</i> , 2021, 36, 287-294.	1.5	3
60	Genetic interactions among Brca1, Brca2, Palb2, and Trp53 in mammary tumor development. <i>Npj Breast Cancer</i> , 2021, 7, 45.	5.2	7
61	CuO Nanoparticle Enhanced Paraffin for Latent Heat Storage Applications. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1116, 012061.	0.6	9
62	Plant viral vectors: expanding the possibilities of precise gene editing in plant genomes. <i>Plant Cell Reports</i> , 2021, 40, 931-934.	5.6	11
63	Davydov Splitting, Resonance Effect and Phonon Dynamics in Chemical Vapor Deposition Grown Layered MoS ₂ . <i>Nanotechnology</i> , 2021, 32, 285705.	2.6	12
64	MoS ₂ -PVP Nanocomposites Decorated ZnO Microsheets for Efficient Hydrogen Detection. <i>IEEE Sensors Journal</i> , 2021, 21, 8878-8885.	4.7	15
65	Pump performance improvement using DMAIC method for industrial application. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1116, 012087.	0.6	1
66	Managing Business in the Digital Era – The use of IT and Analytics for Process Transformation. <i>Journal of Decision Systems</i> , 2021, 30, 410-413.	3.2	2
67	Identification, evolutionary profiling, and expression analysis of F-box superfamily genes under phosphate deficiency in tomato. <i>Plant Physiology and Biochemistry</i> , 2021, 162, 349-362.	5.8	10
68	InAs nanostructures for solar cell: Improved efficiency by submonolayer quantum dot. <i>Solar Energy Materials and Solar Cells</i> , 2021, 224, 111026.	6.2	7
69	Higher mortality in acute variceal haemorrhage: Is fresh frozen plasma alone to be blamed?. <i>Liver International</i> , 2021, 41, 1977-1978.	3.9	0
70	Visualization of band offsets at few-layer MoS ₂ /Ge heterojunction. <i>Nanotechnology</i> , 2021, 32, 375711.	2.6	8
71	Reply to: ‘Failure to control variceal bleeding: Definition matters’. <i>Journal of Hepatology</i> , 2021, 74, 1492-1493.	3.7	0
72	Superimposing theta structure on a generalized modular relation. <i>Research in Mathematical Sciences</i> , 2021, 8, 1.	1.0	4

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73	Autoimmune hepatitis following COVID-19 vaccination: True causality or mere association?. Journal of Hepatology, 2021, 75, 1250-1252.	3.7	69
74	Gas sensing materials roadmap. Journal of Physics Condensed Matter, 2021, 33, 303001.	1.8	49
75	Performance Analysis of Self Heated Multilayer Vertical Graphene Nanoribbon Interconnects. , 2021, , .		0
76	MAFLD Criteria May Overlook a Subtype of Patient with Steatohepatitis and Significant Fibrosis. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2021, Volume 14, 3417-3425.	2.4	12
77	The enhanced phosphorus use efficiency in phosphate-deficient and mycorrhiza-inoculated barley seedlings involves activation of different sets of PHT1 transporters in roots. Planta, 2021, 254, 38.	3.2	7
78	Thermal modelling and characteristic evaluation of electric vehicle battery system. Case Studies in Thermal Engineering, 2021, 26, 101058.	5.7	16
79	Small esophageal varices in compensated cirrhosis patients: to treat or not to treat?. Journal of Hepatology, 2021, 75, 491-492.	3.7	6
80	High-throughput sequencing of SARS-CoV-2 in wastewater provides insights into circulating variants. Water Research, 2021, 205, 117710.	11.3	93
81	Targeting the mitochondrial unfolded protein response in cancer: opportunities and challenges. Trends in Cancer, 2021, 7, 1050-1053.	7.4	7
82	Defining the prognosis of critically ill patients with alcohol-related liver disease. Journal of Hepatology, 2021, 75, 986-987.	3.7	0
83	Photocatalytic degradation of cyanide using polyurethane foam immobilized Fe-TCPP-S-TiO ₂ -rGO nano-composite. Journal of Environmental Management, 2021, 297, 113312.	7.8	36
84	Application of Genome Editing in Tomato Breeding: Mechanisms, Advances, and Prospects. International Journal of Molecular Sciences, 2021, 22, 682.	4.1	29
85	Exfoliating decision support system: a synthesis of themes using text mining. Information Systems and E-Business Management, 2021, 19, 247-279.	3.7	2
86	CFD Analysis of Temperature Profile and Pattern Factor at the Exit of Swirl Dump Combustor. Springer Proceedings in Energy, 2021, , 589-604.	0.3	0
87	Phosphorus starvation response dynamics and management in plants for sustainable agriculture. Journal of Plant Biochemistry and Biotechnology, 2021, 30, 829-847.	1.7	9
88	Serial assessment of measurable residual disease in medulloblastoma liquid biopsies. Cancer Cell, 2021, 39, 1519-1530.e4.	16.8	64
89	Presence of multilobular necrosis on liver biopsy identifies corticosteroid responsiveness in acute indeterminate hepatitis. Liver International, 2021, , .	3.9	1
90	GENERALIZED LAMBERT SERIES, RAABE'S COSINE TRANSFORM AND A GENERALIZATION OF RAMANUJAN'S FORMULA FOR. Nagoya Mathematical Journal, 2020, 239, 232-293.	0.8	13

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91	Numerical Simulation of Rough Thrust Pad Bearing Under Thin-Film Lubrication Using Variable Mesh Density. Iranian Journal of Science and Technology - Transactions of Mechanical Engineering, 2020, 44, 443-464.	1.3	6
92	Aquatic plant diversity and physicochemical characteristics of headwater stream Bal Ganga, Garhwal Himalaya. Environment, Development and Sustainability, 2020, 22, 4447-4465.	5.0	2
93	Perspective on the mechanical response of pineapple leaf filler/toughened epoxy composites under diverse constraints. Polymer Bulletin, 2020, 77, 4105-4129.	3.3	11
94	Sclerosing epithelioid mesenchymal neoplasm of the pancreas—A proposed new entity. Modern Pathology, 2020, 33, 456-467.	5.5	10
95	Development of paper-based flexible supercapacitor: Bismuth ferrite/graphene nanocomposite as an active electrode material. Journal of Alloys and Compounds, 2020, 813, 152145.	5.5	67
96	Interstitial macrophage-derived thrombospondin-1 contributes to hypoxia-induced pulmonary hypertension. Cardiovascular Research, 2020, 116, 2021-2030.	3.8	34
97	Structure, stability and spectral properties of seleno[<i>n</i>]helicenes ($n = 1-10$). New Journal of Chemistry, 2020, 44, 428-441.	2.8	2
98	The generalized modified Bessel function and its connection with Voigt line profile and Humbert functions. Advances in Applied Mathematics, 2020, 114, 101986.	0.7	9
99	Non-linear analysis of porous elastically supported FGM plate under various loading. Composite Structures, 2020, 233, 111721.	5.8	26
100	GaAs epitaxial growth on R-plane sapphire substrate. Journal of Crystal Growth, 2020, 548, 125848.	1.5	7
101	Sucrose-derived carbon-coated nickel oxide (SDCC-NiO) as an electrode material for supercapacitor applications. Materials Advances, 2020, 1, 609-616.	5.4	32
102	Phytoplankton diversity in relation to physicochemical attributes and water quality of Mandakini River, Garhwal Himalaya. Environmental Monitoring and Assessment, 2020, 192, 799.	2.7	7
103	Structural and conformational changes induced by missense variants in the zinc finger domains of GATA3 involved in breast cancer. RSC Advances, 2020, 10, 39640-39653.	3.6	8
104	Conducting polymers-based photocatalysis for treatment of organic contaminants in water. Chemical Engineering Journal Advances, 2020, 4, 100047.	5.2	55
105	Development of transcriptome-wide SSR markers for genetic diversity and structure analysis in <i>Macrotyloma uniflorum</i> (Lam.) Verdc.. Physiology and Molecular Biology of Plants, 2020, 26, 2255-2266.	3.1	7
106	Identification, structure analysis, and transcript profiling of purple acid phosphatases under Pi deficiency in tomato (<i>Solanum lycopersicum</i> L.) and its wild relatives. International Journal of Biological Macromolecules, 2020, 165, 2253-2266.	7.5	30
107	Authors' response to "Concordance of MAFLD and NAFLD diagnostic criteria in "real-world" data". Liver International, 2020, 40, 2880-2881.	3.9	4
108	Application of WQI for water quality assessment of high-altitude snow-fed sacred Lake Hemkund, Garhwal Himalaya. Sustainable Water Resources Management, 2020, 6, 1.	2.1	12

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109	Endocytosis of BRASSINOSTEROID INSENSITIVE1 Is Partly Driven by a Canonical Tyr-Based Motif. <i>Plant Cell</i> , 2020, 32, 3598-3612.	6.6	30
110	Role of Grain Size on the Effective Resistivity of Cu-Graphene Hybrid Interconnects. , 2020, , .		4
111	MAFLD criteria overlooks a number of patients with severe steatosis: Is it clinically relevant?. <i>Journal of Hepatology</i> , 2020, 73, 1265-1267.	3.7	40
112	Pathophysiology and potential future therapeutic targets using preclinical models of COVID-19. <i>ERJ Open Research</i> , 2020, 6, 00405-2020.	2.6	12
113	Microbial diversity in relation to physico-chemical properties of hot water ponds located in the Yamunotri landscape of Garhwal Himalaya. <i>Heliyon</i> , 2020, 6, e04850.	3.2	7
114	Neurosurgical Operative Videos: An Analysis of an Increasingly Popular Educational Resource. <i>World Neurosurgery</i> , 2020, 144, e428-e437.	1.3	9
115	Temperature-Aware Compact Modeling for Resistivity in Ultra-Scaled Cu-Graphene Hybrid Interconnects. , 2020, , .		1
116	Lymphopenia is associated with severe coronavirus disease 2019 (COVID-19) infections: A systemic review and meta-analysis. <i>International Journal of Infectious Diseases</i> , 2020, 96, 131-135.	3.3	373
117	Comparison of MAFLD and NAFLD diagnostic criteria in real world. <i>Liver International</i> , 2020, 40, 2082-2089.	3.9	362
118	Hypoalbuminemia predicts the outcome of COVID-19 independent of age and co-morbidity. <i>Journal of Medical Virology</i> , 2020, 92, 2152-2158.	5.0	241
119	Genome-wide identification, phylogeny and expression analysis of HSF gene family in barley during abiotic stress response and reproductive development. <i>Plant Gene</i> , 2020, 23, 100231.	2.3	11
120	Evolution of InAs quantum dots and wetting layer on GaAs (001): Peculiar photoluminescence near onset of quantum dot formation. <i>Journal of Applied Physics</i> , 2020, 127, .	2.5	9
121	COVID-19 in posttransplant patients—report of 2 cases. <i>American Journal of Transplantation</i> , 2020, 20, 1879-1881.	4.7	108
122	Performance enhancement analysis of triangular solar air heater coated with nanomaterial embedded in black paint. <i>Materials Today: Proceedings</i> , 2020, 26, 2528-2532.	1.8	26
123	<i>In situ</i> carbon-supported titanium dioxide (ICS-TiO ₂) as an electrode material for high performance supercapacitors. <i>Nanoscale Advances</i> , 2020, 2, 2376-2386.	4.6	50
124	A Temperature and Dielectric Roughness-Aware Matrix Rational Approximation Model for the Reliability Assessment of Copper-Graphene Hybrid On-Chip Interconnects. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2020, 10, 1454-1465.	2.5	7
125	Innovation, Royalties, and Introduction of the Patent Hirsch Index within U.S. Academic Neurosurgery. <i>World Neurosurgery</i> , 2020, 137, e395-e405.	1.3	7
126	Development of Remote Wireless Environmental Conditions Measurement, Monitoring and Recording Device for Metrological and Other Scientific Applications. <i>Mapan - Journal of Metrology Society of India</i> , 2020, 35, 193-199.	1.5	15

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127	The impact of COPD and smoking history on the severity of COVID-19: A systemic review and meta-analysis. Journal of Medical Virology, 2020, 92, 1915-1921.	5.0	564
128	Do words reveal the latent truth? Identifying communication patterns of corporate losers. Journal of Behavioral and Experimental Finance, 2020, 26, 100291.	3.8	4
129	Short- and long-term predictors of spontaneous bacterial peritonitis in Singapore. Singapore Medical Journal, 2020, 61, 419-425.	0.6	5
130	Superscattering from cylindrical hyperbolic metamaterials in the visible region. Optics Express, 2020, 28, 1507.	3.4	12
131	Comparisons between non-alcoholic steatohepatitis and alcohol-related hepatocellular carcinoma. Clinical and Molecular Hepatology, 2020, 26, 196-208.	8.9	15
132	A note on λ -domains and Δ -domains. Bulletin of the Belgian Mathematical Society - Simon Stevin, 2020, 27, .	0.2	1
133	Maximal non λ -subrings. , 2020, 70, 323-337.		1
134	Three open questions on residually small rings. Rocky Mountain Journal of Mathematics, 2020, 50, .	0.4	0
135	Maximal non valuation domains in an integral domain. , 2020, 70, 1019-1032.		0
136	Food Intake, Conversion Efficiency and Growth of Hamilton's Pethia Ticto (Ticto Barb) from a Himalayan Stream. Egyptian Journal of Aquatic Biology and Fisheries, 2020, 24, 349-362.	0.4	0
137	Avoidance principle and intersection property for a class of rings. , 2020, 70, 1191-1196.		0
138	Thermo-elastohydrodynamic lubrication simulation of the Rayleigh step bearing using the progressive mesh densification method. Simulation, 2019, 95, 395-410.	1.8	10
139	Boosting Sensing Performance of Vacancy-Containing Vertically Aligned MoS ₂ Using rGO Particles. IEEE Sensors Journal, 2019, 19, 10214-10220.	4.7	18
140	Homologous recombination DNA repair defects in PALB2-associated breast cancers. Npj Breast Cancer, 2019, 5, 23.	5.2	39
141	Genome-wide identification and expression analysis of Hsp70, Hsp90, and Hsp100 heat shock protein genes in barley under stress conditions and reproductive development. Functional and Integrative Genomics, 2019, 19, 1007-1022.	3.5	60
142	Comparison of Monte Carlo Simulation, Least Square Fitting and Calibration Factor Methods for the Evaluation of Measurement Uncertainty Using Direct Pressure Indicating Devices. Mapan - Journal of Metrology Society of India, 2019, 34, 305-315.	1.5	14
143	Crystalline GaAs Thin Film Growth on a c-Plane Sapphire Substrate. Crystal Growth and Design, 2019, 19, 5088-5096.	3.0	17
144	Fabrication of a counter electrode for dye-sensitized solar cells (DSSCs) using a carbon material produced with the organic ligand 2-methyl-8-hydroxyquinolinol (Mq). Nanoscale Advances, 2019, 1, 3192-3199.	4.6	42

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145	Economic evaluation of direct-acting antivirals for the treatment of genotype 3 hepatitis C infection in Singapore. <i>JGH Open</i> , 2019, 3, 210-216.	1.6	7
146	Ultraviolet photodetector based on chemical vapor deposition grown MoO ₃ microplates. , 2019, , .		1
147	Meshfree approach on buckling and free vibration analysis of porous FGM plate with proposed IHSDT resting on the foundation. <i>Curved and Layered Structures</i> , 2019, 6, 192-211.	1.3	25
148	Updated inventory, evolutionary and expression analyses of G (PDR) type ABC transporter genes of rice. <i>Plant Physiology and Biochemistry</i> , 2019, 142, 429-439.	5.8	17
149	Influence of stochastic roughness on performance of a Rayleigh step bearing operating under Thermo-elastohydrodynamic lubrication considering shear flow factor. <i>Tribology International</i> , 2019, 134, 264-280.	5.9	22
150	Tailoring the performance of bamboo filler reinforced epoxy composite: insights into fracture properties and fracture mechanism. <i>Journal of Polymer Research</i> , 2019, 26, 1.	2.4	23
151	Elucidating the Coir Particle Filler Interaction in Epoxy Polymer Composites at Low Strain Rate. <i>Fibers and Polymers</i> , 2019, 20, 428-439.	2.1	14
152	Maximal Non ϕ -Chained Rings and Maximal Non Chained Rings. <i>Results in Mathematics</i> , 2019, 74, 1.	0.8	4
153	Bending analysis of laminated plate via polynomial RBF. <i>Journal of Physics: Conference Series</i> , 2019, 1172, 012109.	0.4	0
154	A high-performance hydrogen sensor based on a reverse-biased MoS ₂ /GaN heterojunction. <i>Nanotechnology</i> , 2019, 30, 314001.	2.6	42
155	Genomic analysis of recurrences and high-grade forms of polymorphous adenocarcinoma. <i>Histopathology</i> , 2019, 75, 193-201.	2.9	10
156	Solid pseudopapillary neoplasms of the pancreas are dependent on the Wnt pathway. <i>Molecular Oncology</i> , 2019, 13, 1684-1692.	4.6	21
157	The repertoire of genetic alterations in salivary duct carcinoma including a novel HNRNP3-ALK rearrangement. <i>Human Pathology</i> , 2019, 88, 66-77.	2.0	38
158	Performance evaluation of rough thrust pad bearing under thermo-elastohydrodynamic lubrication using an improved iterative method. <i>Mechanics and Industry</i> , 2019, 20, 110.	1.3	1
159	The expanding roles of APETALA2/Ethylene Responsive Factors and their potential applications in crop improvement. <i>Briefings in Functional Genomics</i> , 2019, 18, 240-254.	2.7	33
160	Temperature-Aware Closed-Form Matrix Rational Approximation Model for Crosstalk Analysis of Multi-Walled Carbon Nanotube Interconnects. , 2019, , .		1
161	Growth of Large-Scale \pm -MoO ₃ on SiO ₂ and Its Uses for Efficient Hydrogen Sensing Application. , 2019, , .		0
162	Scalable Growth of High-Quality MoS ₂ Film by Magnetron Sputtering: Application for NO ₂ Gas Sensing. , 2019, , .		1

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