



AMITY UNIVERSITY

— RAJASTHAN —

3.4.9 Bibliometrics of the publications during the last five years based on Scopus/ Web of Science – h-Index of the University

S. No.	Title of the Paper	Name of the author	Title of the Journal	Year of Publication	Citation Index
1	Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life Years for 29 Cancer Groups From 2010 to 2019 A Systematic Analysis for the Global Burden of Disease Study 2019	Kocarnik J.M., Compton K., Dean F.E., Fu W., Gaw B.L., Harvey J.D., Henrikson H.J., Lu D., Pennini A., Xu R., Ababneh E., Abbasi-Kangevari M., Abbastabar H., Abd-El salam S.M., Abdoli A., Abedi A., Abidi H., Abolhassani H., Adedeji I.A., Adnani Q.E.S., Advani S.M., Afzal M.S., Aghaali M., Ahinkorah B.O., Ahmad S., Ahmad T., Ahmadi A., Ahmadi S., Ahmed Rashid T., Ahmed Salih Y., Akalu G.T., Aklilu A., Akram T., Akunna C.J., Al Hamad H., Alahdab F., Al-Aly Z., Ali S., Alimohamadi Y., Alipour V., Aljunid S.M., Alkhayyat M., Almasi-Hashiani A., Almasri N.A., Al-Maweri S.A.A., Almustanyir S., Alonso N., Alvis-Guzman N., Amu H., Anbesu E.W., Ancuceanu R., Ansari F., Ansari-Moghaddam A., Antwi M.H., Anvari D., Anyasodor A.E., Aqeel M., Arabloo J., Arab-Zozani M., Aremu O., Ariffin H., Aripov T., Arshad M., Artaman A., Arulappan J., Asemi Z., Asghari Jafarabadi M., Ashraf T., Atorkey P., Aujayeb A., Ausloos M., Awedew A.F., Ayala Quintanilla B.P., Ayenew T., Azab M.A., Azadnajafabad S., Azari Jafari A., Azarian G., Azzam A.Y., Badiye A.D., Bahadory S., Baig A.A., Baker J.L., Balakrishnan S., Banach M., Bärnighausen T.W., Barone-Adesi F., Barra F., Barrow A., Behzadifar M., Belgaumi U.I., Bezabhe W.M.M., Bezabih Y.M., Bhagat D.S., Bhagavathula A.S., Bhardwaj N., Bhardwaj P., Bhaskar S., Bhattacharyya K., Bhojaraja V.S., Bibi S., Bijani A., Biondi A., Bisignano C., Bjorge T., Bleyer A., Blyuss O., Bolarinwa O.A., Bolla S.P., Breitweite D., Brer A., Brenner H., Bustamante	JAMA Oncology	2022	51
2	Engineered nanomaterials for biomedical applications and their toxicity: a review	Umamathi A., Kumawat M., Daima H.K.	Environmental Chemistry Letters	2022	10
3	Bare Skin Image Classification using Convolution Neural Network	Gupta J., Pathak S., Kumar G.	International Journal of Emerging Technology and Advanced Engineering	2022	6

4	Recognition of Islanding and Operational Events in Power System with Renewable Energy Penetration Using a Stockwell Transform-Based Method	Kaushik R., Mahela O.P., Bhatt P.K., Khan B., Garg A.R., Alhelou H.H., Siano P.	IEEE Systems Journal	2022	6
5	Surface Engineered Peroxidase-Mimicking Gold Nanoparticles to Subside Cell Inflammation	Kumawat M., Madhyastha H., Umapathi A., Singh M., Revaprasadu N., Daima H.K.	Langmuir	2022	5
6	Neurodegenerative Disorders of Alzheimer, Parkinsonism, Amyotrophic Lateral Sclerosis and Multiple Sclerosis: An Early Diagnostic Approach for Precision Treatment	Pathak N., Vimal S.K., Tandon I., Agrawal L., Hongyi C., Bhattacharyya S.	Metabolic Brain Disease	2022	4
7	Fate of Polyphenols and Antioxidant Activity of Barley during Processing	Sharma P., Goudar G., Longvah T., Gour V.S., Kothari S.L., Wani I.A.	Food Reviews International	2022	4
8	Recent Advances in Drumstick (Moringa oleifera) Leaves Bioactive Compounds: Composition, Health Benefits, Bioaccessibility, and Dietary Applications	Kashyap P., Kumar S., Riar C.S., Jindal N., Baniwal P., Guiné R.P.F., Correia P.M.R., Mehra R., Kumar H.	Antioxidants	2022	4
9	Waste and natural fiber based automotive brake composite materials: Influence of slag and coir on tribological performance	Rajan R., Tyagi Y.K., Singh S.	Polymer Composites	2022	4
10	Profitability determinants of infrastructure public private partnerships (PPPs): empirical evidence from Indian data	Kumar A., Srivastava V., Tabash M.I., Chawda D.	Journal of Financial Management of Property and Construction	2022	3
11	Harmonics mitigated multi-objective energy optimization in PV integrated rural distribution network using modified TLBO algorithm	Bhatt P.K.	Renewable Energy Focus	2022	3
12	Enhancing the Route Optimization Using Hybrid MAF Optimization Algorithm for the Internet of Vehicle	Dhanare R., Nagwanshi K.K., Varma S.	Wireless Personal Communications	2022	3
13	220 keV Ag ion irradiation-induced surface plasmon resonance shift of gold nanoparticles in fullerene C60 matrix	Chaudhary V., Vishnoi R., Salim A., Tyagi A., Gupta D., Rathore D., Umapathy G.R., Ojha S., Dwivedi U.K., Aggarwal S., Sharma G.D., Singhal R.	Materials Letters	2022	2
14	Role of deposition parameters on the properties of the fabricated heterojunction ZnS/p-Si Schottky diode	Kumar A., Mukherjee S., Sharma H., Dwivedi U.K., Kumar S., Gangwar R.K., Choubey R.K.	Physica Scripta	2022	2
15	An Empirical Study of Soft Computing Approaches in Wireless Sensor Networks	Ansari S., Nagwanshi K.K.	Journal of Cases on Information Technology	2022	2
16	Analytical review on deep learning and IoT for smart healthcare monitoring system	Yempally S., Singh S.K., Velliangiri S.	International Journal of Intelligent Unmanned Systems	2022	1
17	Wearable Sensors with Internet of Things (IoT) and Vocabulary-Based Acoustic Signal Processing for Monitoring Children's Health	Nagwanshi K.K., Noonia A., Tiwari S., Doohan N.V., Kumawat V., Ahanger T.A., Amoatey E.T.	Computational Intelligence and Neuroscience	2022	1
18	A Study to Enhance the Route Optimization Algorithm for the Internet of Vehicle	Dhanare R., Nagwanshi K.K., Varma S.	Wireless Communications and Mobile Computing	2022	1
19	Cytotoxicity of Nanoparticles Used in Cosmetic Industries: An In-depth Insight	Dash S., Singh S., Singh S.K.	Evergreen	2022	1

20	Biogenic Phytochemicals Modulating Obesity: From Molecular Mechanism to Preventive and Therapeutic Approaches	Kumar V., Singh D.D., Lakhawat S.S., Yasmee N., Pandey A., Singla R.K.	Evidence-based Complementary and Alternative Medicine	2022	1
21	All Basics that Are Wrong with the Current Concept of Time Crystal: Learning from the Polyatomic Time Crystals of Protein, microtubule, and Neuron	Saxena K., Singh P., Sahoo P., Ghosh S., Krishnanda D., Ray K., Fujita D., Bandyopadhyay A.	Lecture Notes in Networks and Systems	2022	1
22	Biosensors for the detection of Mycobacterium tuberculosis: a comprehensive overview	Joshi H., Kandari D., Maitra S.S., Bhatnagar R.	Critical Reviews in Microbiology	2022	1
23	Impact of Safe Rock® Minerals, Mineral Fertilizers, and Manure on the Quantity and Quality of the Wheat Yield in the Rice–Wheat Cropping System	Ranva S., Singh Y.V., Jain N., Bana R.S., Bana R.C., Aseri G.K., Madar R., Shokralla S., Mahmoud E.A., El-Sabrou A.M., Elansary H.O.	Plants	2022	1
24	Exosomes, extracellular vesicles and the eye	Rudraprasad D., Rawat A., Joseph J.	Experimental Eye Research	2022	1
25	Physicochemical, antioxidant, and polyphenolic attributes of microencapsulated freeze-dried kinnow peel extract powder using maltodextrin as wall material	Rafiq S., Sofi S.A., Kumar H., Kaul R.K., Mehra R., Awuchi C.G., Okpala C.O.R., Korzeniowska M.	Journal of Food Processing and Preservation	2022	1
26	Comparative performance of different antigens on the lateral flow assay (LFA) platform for the rapid serodiagnosis of paratuberculosis	Jain M., Singh A.K., Kumar A., Gupta S., Polavarapu R., Sohal J.S.	Journal of Microbiological Methods	2022	1
27	Dolomite dust filled glass fiber reinforced epoxy composite: Influence of fabrication techniques on physicomechanical and erosion wear properties	Verma S.K., Gangil B., Gupta A., Rajput N.S., Singh T.	Polymer Composites	2022	1
28	A systematic review on iron-based nanoparticle-mediated clean-up of textile dyes: challenges and prospects of scale-up technologies	Sharma B., Kumari N., Mathur S., Sharma V.	Environmental Science and Pollution Research	2022	1
29	Optimization of Spreading Code Using Modified Differential Evolution for Wireless Communication	Kashyap K., Pathak S., Yadav N.S.	Wireless Personal Communications	2022	1
30	Deciphering LncRNA–protein interactions using docking complexes	Suravajhala R., Gupta S., Kumar N., Suravajhala P.	Journal of Biomolecular Structure and Dynamics	2022	1
31	Insights into the Research Trends on Bovine Colostrum: Beneficial Health Perspectives with Special Reference to Manufacturing of Functional Foods and Feed Supplements	Mehra R., Garhwal R., Sangwan K., Guiné R.P.F., Lemos E.T., Buttar H.S., Visen P.K.S., Kumar N., Bhardwaj A., Kumar H.	Nutrients	2022	1
32	Certain Unified Integrals Associated with Product of the General Class of Polynomials and Incomplete I-Functions	Sharma R., Singh J., Kumar D., Singh Y.	International Journal of Applied and Computational Mathematics	2022	1
33	SARS-CoV-2: Recent Variants and Clinical Efficacy of Antibody-Based Therapy	Singh D.D., Sharma A., Lee H.-J., Yadav D.K.	Frontiers in Cellular and Infection Microbiology	2022	1
34	A Review and Computational Analysis of Breast Cancer Using Different Machine Learning Techniques	Nemade V., Pathak S., Dubey A.K., Barhate D.	International Journal of Emerging Technology and Advanced Engineering	2022	1

35	Electron cloud zeeman effect sensors using silver bars embedded microring resonator	Arumona A.E., Garhwal A., Khunnam W., Youplao P., Ray K., Yupapin P.	Optical and Quantum Electronics	2022	1
36	Characterization and cytotoxicity assessment of biosurfactant derived from Lactobacillus pentosus NCIM 2912	Sharma V., Singh D., Manzoor M., Banpurkar A.G., Satpute S.K., Sharma D.	Brazilian Journal of Microbiology	2022	1
37	Regulatory roles of MicroRNA in shaping T cell function, differentiation and polarization	Naqvi R.A., Datta M., Khan S.H., Naqvi A.R.	Seminars in Cell and Developmental Biology	2022	1
38	Experimental and Numerical Analysis of Mechanical, Thermal and Thermomechanical Properties of Hybrid Glass/Metal Fiber Reinforced Epoxy Composites	Agarwal P., Kumar M., Choudhary M., Sharma A., Patnaik A.	Fibers and Polymers	2022	1
39	Ternary poly(2-ethyl-2-oxazoline)-polyvinylpyrrolidone-graphene nanocomposites: Thermal, electrical, dielectric, mechanical, and antibacterial profiling	Shubha A., Manohara S.R., Siddlingeshwar B., Daima H.K., Singh M., Revaprasadu N.	Diamond and Related Materials	2022	1
40	ATL8, a RING E3 ligase, modulates root growth and phosphate homeostasis in Arabidopsis	Ramaiah M., Jain A., Yugandhar P., Raghothama K.G.	Plant Physiology and Biochemistry	2022	1
41	Biosynthesized magnetite nanoparticles from Polyalthia longifolia leaves improve photosynthetic performance and yield of Trigonella foenum-graecum under drought stress	Bisht S., Sharma V., Kumari N.	Plant Stress	2022	1
42	IIoT implementation challenges: analysis and mitigation by blockchain	Kumar R., Sindhwani R., Singh P.L.	Journal of Global Operations and Strategic Sourcing	2022	1
43	Smart nanomaterials for cancer diagnosis and treatment	Singh R., Sharma A., Saji J., Umaphathi A., Kumar S., Daima H.K.	Nano Convergence	2022	1
44	Current molecular diagnostics assays for SARS-CoV-2 and emerging variants	Banks J.M., Capistrano K., Thakkar P., Ranade H., Soni V., Datta M., Naqvi A.R.	Methods in Microbiology	2022	
45	Traditional Knowledge – Going Multidimensional	Yadav P., Sharma S.B.	Journal of Intellectual Property Rights	2022	
46	Development and Characterization of Cu-Al ₂ O ₃ Nanocomposite Coating using Electrodeposition Process on Copper Substrate	Mogra A., Pandey P.K., Gupta K.K., Shivhare S., Bagal V.	Journal of The Institution of Engineers (India): Series C	2022	
47	A Feature Selection-Based K-NN Model for Fast Software Defect Prediction	Awotunde J.B., Misra S., Adeniyi A.E., Abiodun M.K., Kaushik M., Lawrence M.O.	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2022	
48	Gamma irradiation induced surface plasmon resonance of Cu nanoparticles in fullerene C60	Bhardwaj J., Vishnoi R., Salim A., Yadav S., Ojha S., Dwivedi U., Kandasami A., Kumar P., Sharma G.D., Singhal R.	Surface and Interface Analysis	2022	
49	Supervised classification model for estimation of wear in sisal fibre-epoxy composites	Gupta P., Dwivedi U.K., Yadav V., Kumar Yadav A.	Materials Today: Proceedings	2022	

50	MobEdge: Mobile blockchain-based privacy-edge scheme for healthcare Internet of Things-based ecosystems	Deshmukh V., Pathak S., Bothe S.	Concurrency and Computation: Practice and Experience	2022	
51	Ferroelectric and dielectric behaviour of MWCNT/poly urethane composite	Chaurasia A., Dwivedi U.K., Hashmi S.A.R.	Materials Today: Proceedings	2022	
52	Uptake, translocation, transformation and physiological effects of nanoparticles in plants	Rani S., Kumari N., Sharma V.	Archives of Agronomy and Soil Science	2022	
53	Slotted waveguide antenna design for maritime radar system	Pathan R., Tripathi A., Tamboli M., Pathan S.	Microsystem Technologies	2022	
54	Correction to: Doxycycline Adsorptive Interaction with Mesoporous MCM-41: Kinetic and Isotherm Modelling with Thermodynamics (Chemistry Africa, (2022), 10.1007/s42250-022-00365-w)	Saxena M., Kushwaha J.P., Kulshreshtha S., Kaur G., Singh N.	Chemistry Africa	2022	
55	A comparative study of different materials used for solar photovoltaics technology	Kumari N., Kumar Singh S., Kumar S.	Materials Today: Proceedings	2022	
56	Ofloxacin and doxycycline competitive/binary adsorption on to MCM-41: isotherm modelling and evaluation	Saxena M., Kushwaha J.P., Kulshreshtha S., Kaur G., Singh N.	Physics and Chemistry of Liquids	2022	
57	Numerical Simulation of Boundary Layer Flow Over a Moving Plate in The Presence of Magnetic Field and Slip Condition	Rai P., Mishra U.	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	2022	
58	Numerical study due to mixed convection nanofluid flow with the effect of velocity slip and thermal conductivity across curved stretching surface	Kaushik P., Mishra U.	Journal of Integrated Science and Technology	2022	
59	A review on bending analysis of polymer-based flexible patch antenna for IoT and wireless applications	Shekhawat S., Singh S., Kumar Singh S.	Materials Today: Proceedings	2022	
60	A clickable folic acid-rhamnose conjugate for selective binding to cancer cells	Parashar S., Gupta V., Bhatnagar R., Kausar A.	Results in Chemistry	2022	
61	Financial literacy: an imperative approach for SMEs growth	Sharma S.	World Review of Entrepreneurship, Management and Sustainable Development	2022	
62	An Investigation in Applying Internet of Things Approach in Safe Food Dietary Plan for Better Chronic Diabetes Management among Elderly Adults	Geetha G., Radeep Krishna R., Vyas S., Sukhwal I., Jain A., Chaturvedi A., Shah M.A.	Journal of Food Quality	2022	
63	Towards Explainable and Privacy-Preserving Artificial Intelligence for Personalisation in Autism Spectrum Disorder	Mahmud M., Kaiser M.S., Rahman M.A., Wadhwa T., Brown D.J., Shopland N., Burton A., Hughes-Roberts T., Mamun S.A., Ieracitano C., Tania M.H., Moni M.A., Islam M.S., Ray K., Hossain M.S.	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2022	
64	IoT-Galvanized pandemic special E-Toilet for generation of sanitized environment	Gupta A.K., Gothwal P., Goyal D., Travieso-Gonzalez C.M.	Journal of Discrete Mathematical Sciences and Cryptography	2022	

65	Aquila coyote-tuned deep convolutional neural network for the classification of bare skinned images in websites	Gupta J., Pathak S., Kumar G.	International Journal of Machine Learning and Cybernetics	2022	
66	Deciphering the interdependent labyrinth between gut microbiota and the immune system	Saini A., Dalal P., Sharma D.	Letters in Applied Microbiology	2022	
67	Slotted waveguide antenna design for maritime radar system	Pathan R., Tripathi A.	Scientific and Technical Journal of Information Technologies, Mechanics and Optics	2022	
68	On the existence and uniqueness analysis of fractional blood glucose-insulin minimal model	Dubey R.S., Goswami P., Baskonus H.M., Gomati A. T.	International Journal of Modeling, Simulation, and Scientific Computing	2022	
69	Research Notes on Computing and Communication Sciences: INTELLIGENT SYSTEM ALGORITHMS AND APPLICATIONS IN SCIENCE AND TECHNOLOGY	Pathak S., Bhatt P.K., Singh S.K., Tripathi A., Pandey P.K.	Research Notes on Computing and Communication Sciences: Intelligent System Algorithms and Applications in Science and Technology	2022	
70	Tribological performance evaluation of slag waste filled phenolic composites for automotive braking applications	Rajan R., Tyagi Y.K., Pruncu C.I., Kulshreshtha S., Ranakoti L., Singh T.	Polymer Composites	2022	
71	SMART IRRIGATION USING IOT	Sri A.P., Mudgal A., Kumar B.S.	Research Notes on Computing and Communication Sciences: Intelligent System Algorithms and Applications in Science and Technology	2022	
72	ARTIFICIAL INTELLIGENCE (AI)	Kaushik M.	Research Notes on Computing and Communication Sciences: Intelligent System Algorithms and Applications in Science and Technology	2022	
73	METAHEURISTICS-BASEDMULTI-OBJECTIVE DESIGN OF ROBUST PROCESS CONTROL SYSTEMS	Katal N., Singh S.K.	Research Notes on Computing and Communication Sciences: Intelligent System Algorithms and Applications in Science and Technology	2022	
74	MACHINE LEARNING THEORY AND METHODS	Yadav R., Tripathi A.	Research Notes on Computing and Communication Sciences: Intelligent System Algorithms and Applications in Science and Technology	2022	
75	Image Processing Using Elephant Herding Optimization: A Review	Soni V., Sharma A., Rajpurohit J.	Lecture Notes in Electrical Engineering	2022	
76	Ergonomic Analysis of Manual Activities Among Dairy Farm Workers: A Literature Review	Gurnani U., Singh S.K., Sain M.K., Meena M.L.	Lecture Notes in Networks and Systems	2022	
77	5G and beyond Networks for 3D MIMO Using Artificial Intelligence in 5G Network	Yadav R., Tripathi A., Pathak S., Singh Gill H.	Journal of Physics: Conference Series	2022	

78	Cohort study on recognition of plant species using Deep Learning methods	Barhate D., Pathak S., Dubey A.K., Nemade V.	Journal of Physics: Conference Series	2022	
79	Deep Learning (CNN) and Transfer Learning: A Review	Gupta J., Pathak S., Kumar G.	Journal of Physics: Conference Series	2022	
80	The century-old picture of a nerve spike is wrong: filaments fire, before membrane	Ghosh S., Singh P., Manna J., Saxena K., Sahoo P., Krishnanda S.D., Ray K., Hill J.P., Bandyopadhyay A.	Communicative and Integrative Biology	2022	
81	A Hybrid Metaheuristic for Transmission Tower Design Optimization	Rajpurohit J., Sharma T.K.	Lecture Notes in Networks and Systems	2022	
82	An Enhanced Sine–Cosine Algorithm with Balanced Exploration and Exploitation	Rajpurohit J., Sharma T.K.	Lecture Notes in Networks and Systems	2022	
83	Firefly Optimization Technique for Software Quality Prediction	Pankwar D., Saini G.L., Agarwal P., Singh P.	Lecture Notes in Networks and Systems	2022	
84	Exploring the molecular interaction of pheniramine with Enterococcus faecalis homoserine kinase: In-silico studies	Yadav J., Singh H., Pal S.K., Das S., Srivastava V.K., Jyoti A., Sharma V., Kumar S., Kaushik S.	Journal of Molecular Recognition	2022	
85	Effective Flow Table Space Management Using Policy-Based Routing Approach in Hybrid SDN Network	Paliwal M., Nagwanshi K.K.	IEEE Access	2022	
86	Fractional integration and differentiation of the (p, q)-extended τ -hypergeometric function and related Jacobi transforms	Gupta M., Modi K., Solanki N.S., Ali S.	Journal of Analysis	2022	
87	Potential of Desert Medicinal Plants for Combating Resistant Biofilms in Urinary Tract Infections	Singh N., Mishra S., Mondal A., Sharma D., Jain N., Aseri G.K.	Applied Biochemistry and Biotechnology	2022	
88	The role of land surface schemes in non-hydrostatic RegCM on the simulation of Indian summer monsoon	Raju P.V.S., Karadan M.M., Prasad D.H.	International Journal of Climatology	2022	
89	Potential Health Benefits of Using Aloe vera as a Feed Additive in Livestock : A Mini-Review	Chandran D., Rajasekharan A., Marthandan V., Emran T.B., Sharun K., Mitra S., Buttar H.S., Kumar H., Tuli H.S., Dhama K.	Indian Veterinary Journal	2022	
90	Sensitivity of physical schemes on simulation of severe cyclones over Bay of Bengal using WRF-ARW model: Sensitivity of physical schemes on simulation of severe cyclones over Bay of Bengal using WRF-ARW model	Shenoy M., Raju P.V.S., Prasad V.S., Prasad K.B.R.R.H.	Theoretical and Applied Climatology	2022	
91	Effectiveness of Cognitive Behavior Therapy for Stressful Life Event induced Depressive Episodes among Undergraduate College Students	Suraj S., Prakash A., Kolhe S., Maitra S., Patil R.	ECS Transactions	2022	
92	Corrigendum to “Harmonics mitigated multi-objective energy optimization in PV integrated rural distribution network using modified TLBO algorithm” [Renewable Energy Focus 40 (2022) 13–22] (Renewable Energy Focus (2022) 40 (13–22), (S1755008421000582), (10.1016/j.ref.2021.11.001))	Bhatt P.K., Teh J.	Renewable Energy Focus	2022	

93	Empirical Study on Energy-Efficient IoT-Based WSN Routing Protocols for Smart Agriculture System	Rao A.K., Nagwanshi K.K., Pathak S.	Lecture Notes in Networks and Systems	2022	
94	Effect of Covid-19 in India- A prediction through mathematical modeling using Atangana Baleanu fractional derivative	Dubey R.S., Mishra M.N., Goswami P.	Journal of Interdisciplinary Mathematics	2022	
95	Stego Dog: Image Steganography Tool for Confidentiality and Integrity	Parmar V., Gandhi D., Srivastava A., Sharma S.	International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2022 - Proceedings	2022	
96	Analysis of clustering algorithms for credit risk evaluation using multiple correspondence analysis	Jadwal P.K., Pathak S., Jain S.	Microsystem Technologies	2022	
97	Bioactive Compounds in Ficus Fruits, Their Bioactivities, and Associated Health Benefits: A Review	Walia A., Kumar N., Singh R., Kumar H., Kumar V., Kaushik R., Kumar A.P.	Journal of Food Quality	2022	
98	Covariance matrix adaptation evolution strategy for robust load frequency control of hydro power systems	Katal N., Singh S.K., Kumar S.	Songklanakarin Journal of Science and Technology	2022	
99	A Practitioner's Toolkit for Polycystic Ovary Syndrome Counselling	Lathia T., Joshi A., Behl A., Dhingra A., Kalra B., Dua C., Bajaj K., Verma K., Malhotra N., Galagali P., Sahay R., Mittal S., Bajaj S., Moorthy S., Sharma S., Kalra S.	Indian Journal of Endocrinology and Metabolism	2022	
100	Intelligent transformer tap controller for harmonic elimination in photovoltaic interfaced micro-grid network	Bhatt P.K., Patidar N.P.	Engineering Optimization	2022	
101	BIO-UTILIZATION OF INDUSTRIAL WASTE: CHARACTERIZATION AND ANTIOXIDANT ACTIVITY	Jindal P., Chauhan M.S.	Rasayan Journal of Chemistry	2022	
102	Recommender system for health care analysis using machine learning technique: a review	Shaikh S.G., Suresh Kumar B., Narang G.	Theoretical Issues in Ergonomics Science	2022	
103	Recent developments of molecular/biosensor diagnostics for SARS-CoV-2 detection	Mishra R.K., Pai N., Goud K.Y., Niraj R.R.K., Kumar D., Patel G., Gour V.S., Zareei A., Rahimi R., Sharma V., Narayan R., Stanciu L.	Advanced Biosensors for Virus Detection: Smart Diagnostics to Combat SARS-CoV-2	2022	
104	Efficient Fine Tuned Trapezoidal Fuzzy-Based Model for Failure Mode Effect Analysis Risk Prioritization	Subramanian R., Taterh S., Singh D., Lee H.-N.	IEEE Access	2022	
105	Analyze mathematical model for optimization of anaerobic digestion for treatment of waste water	Mathur P., Singh S.	Materials Today: Proceedings	2022	
106	Plant-derived carboxycellulose: Highly efficient bionanomaterials for removal of toxic lead from contaminated water	Sharma S.K., Sharma P.R., Johnson K.I., Madan Y., Li S., Cai G., Brahmhatt I., Borges W., Hsiao B.S.	Separation Science and Technology (New York)	2022	
107	Bio-Inspired Algorithms for Prey Model Optimization(February 2022)	Rastogi A.K., Taterh S., Suresh Kumar B.	Proceedings of 2nd International Conference on Innovative Practices in Technology and Management, ICIPTM 2022	2022	

108	A Selection-Based Framework for Building and Validating Regression Model for COVID-19 Information Management	Landge P.B., Bhise D.V., Nagwanshi K.K., Patra R.K., Durugkar S.R.	Smart Innovation, Systems and Technologies	2022	
109	Multi-Class Skin Problem Classification Using Deep Generative Adversarial Network (DGAN)	Heenaye-Mamode Khan M., Gooda Sahib-Kaudeer N., Dayalen M., Mahomedaly F., Sinha G.R., Nagwanshi K.K., Taylor A.	Computational Intelligence and Neuroscience	2022	
110	Analysis and Optimum Energy Management of Renewable Integrated Rural Distribution Network	Bhatt P.K., Kaushik R.	Proceedings of the 2nd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2022	2022	
111	A Systematic Literature Review of Breast Cancer Diagnosis Using Machine Intelligence Techniques	Nemade V., Pathak S., Dubey A.K.	Archives of Computational Methods in Engineering	2022	
112	Comparative transcriptomic analysis of the malaria parasites Plasmodium falciparum and Plasmodium vivax sensitive and resistant strains	Sakpal S., Abdeen S.Z., Kothari S.L., Bastikar V.	Drug Development and Registration	2022	
113	Improved resampling algorithm through a modified oversampling approach based on spectral clustering and SMOTE	Jadwal P.K., Jain S., Pathak S., Agarwal B.	Microsystem Technologies	2022	
114	A comparative study of Kigelia pinnata fruit extracts in terms of antimutagenic potential and antimicrobial efficacy against antibiotic-resistant microbial strains	Jain A., Kumar H., Tripathi C., Kulshreshtha S.	Indian Journal of Traditional Knowledge	2022	
115	Preface	Kaiser M.S., Ray K., Bandyopadhyay A., Singh R., Nagar V.	Lecture Notes in Networks and Systems	2022	
116	Development of Mobile Application for Detection and Grading of Diabetic Retinopathy	Kipli K., Hui L.Y., Tajudin N.M.A., Sapawi R., Sahari S.K., Mat D.A.A., Jalil M.A., Ray K., Shamim Kaiser M., Mahmud M.	Lecture Notes in Networks and Systems	2022	
117	GSR Signals Features Extraction for Emotion Recognition	Kipli K., Latip A.A.A., Lias K., Bateni N., Yusoff S.M., Tajudin N.M.A., Jalil M.A., Ray K., Shamim Kaiser M., Mahmud M.	Lecture Notes in Networks and Systems	2022	
118	Genetic Diversity and Population Structure Analysis in Indian Mustard Germplasm Using Phenotypic Traits and SSR Markers	Sharma D., Nanjundan J., Singh L., Parmar N., Singh K.H., Verma K.S., Thakur A.K.	Plant Molecular Biology Reporter	2022	
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222	A statistical analysis of COVID-19 using Gaussian and probabilistic model	Nayak S.R., Arora V., Sinha U., Poonia R.C.	Journal of Interdisciplinary Mathematics	2021	12
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325	Dynamic Sorption of Methylene Blue (MB) Dye in Continuous Column Using Bio-Sorbent (<i>Ailanthus excelsa</i> Roxb)	Bansal S., Pandey P.K., Upadhyaya S.	Asian Journal of Water, Environment and Pollution	2021	1
326	Enhanced optimization assisted interference mitigation with vertical beamforming in 3D MIMO-OFDMA for 5G wireless communication network	Yadav R., Tripathi A.	International Journal of Pervasive Computing and Communications	2021	1
327	Humidity induced opening of stomata leads to enhanced uptake of copper nanoparticles in <i>triticum aestivum</i> l.	Patel P., Jatav P.K., Jain R., Gupta S., Kothari S.L., Kachhwaha S.	Materials Today: Proceedings	2021	1
328	Visual Naked Eye Colorimetric Determination of Phorate Pesticide Using Nanotechnology [Колориметричне визначення форатного пестициду з використанням нанотехнологій]	Singh R., Kumar N.	Journal of Nano- and Electronic Physics	2021	1
329	The moderating role of exhibitionism in the relationship between psychological needs and selfie-posting behavior	Arpaci I., Tak P., Shekhawat H.	Current Psychology	2021	1
330	Semantic Web Technologies	Prasad J.R., Shelke P.M., Prasad R.S.	Studies in Computational Intelligence	2021	1
331	MOX based E-nose for non-invasive biomedical applications	JOARDER M.S.H., KULHARI L., bin AHMAD B.H., RAY K.	Przegląd Elektrotechniczny	2021	1
332	Study of impact of COVID-19 on different age groups using machine learning classifiers	Patil H., Sharma S., Raja L.	Journal of Interdisciplinary Mathematics	2021	1
333	Review on Zero-Knowledge Proof Method	Midha M., Gupta A.K., Mathur P.	Lecture Notes in Networks and Systems	2021	1
334	CPU Scheduling in Operating System: A Review	Agrawal P., Gupta A.K., Mathur P.	Lecture Notes in Networks and Systems	2021	1
335	Autonomous Drone Using ROS for Surveillance and 3D Mapping Using Satellite Map	Jain N., Gupta A.K., Mathur P.	Lecture Notes in Networks and Systems	2021	1

336	Investigation of efficiency of flat plate collector using CuO–H ₂ O nanofluid	Rajput N.S., Singh S., Kulshreshtha S.	Lecture Notes in Mechanical Engineering	2021	1
337	TiO ₂ /PVDF-based polymer nanocomposites and their various characterizations	Singh S., Rathore D., Rajput N.S., Dwivedi U.K.	Lecture Notes in Mechanical Engineering	2021	1
338	Optimization of hybrid aluminium metal matrix composite using red mud and wheat husk ash	Dewangan R., Pandey P.K., Rajput N.S., Dohare R.	Lecture Notes in Mechanical Engineering	2021	1
339	Infrastructure project finance: a systematic literature review and directions for future research	Kumar A., Srivastava V., Tabash M.I.	Qualitative Research in Financial Markets	2021	1
340	Clustering Algorithms for MANETs: A Review on Design and Development	Pathak S., Jain S., Borah S.	Advances in Intelligent Systems and Computing	2021	1
341	Designing of UWB Monopole Antenna with Triple Band Notch Characteristics at WiMAX/C-Band/WLAN	Vijay S.K., Ahmad M.R., Ahmad B.H., Rawat S., Singh P., Ray K., Bandyopadhyay A.	Lecture Notes in Networks and Systems	2021	1
342	A Space-Time-Topology-Prime, sTTS Metric for a Self-operating Mathematical Universe Uses Dodecanion Geometric Algebra of 2-20 D Complex Vectors	Singh P., Sahoo P., Saxena K., Ghosh S., Sahu S., Ray K., Fujita D., Bandyopadhyay A.	Lecture Notes in Networks and Systems	2021	1
343	Simulations of Indian summer monsoon using RegCM: a comparison with ERA and GFDL analysis	Karadan M.M., Raju P.V.S., Mishra A.	Theoretical and Applied Climatology	2021	1
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345	Hall effect sensors using polarized electron cloud spin orientation control	Arumona A.E., Garhwal A., Youplao P., Amiri I.S., Ray K., Punthawanunt S., Yupapin P.	Microscopy Research and Technique	2021	1
346	Micro-supercapacitor characteristics using a micro-ring space-time control circuit	Arumona A.E., Garhwal A., Punthawanunt S., Youplao P., Ray K., Yupapin P.	Journal of Computational Electronics	2021	1
347	Microring Plasmonic Circuit Characteristics Using Space–Time Modulation Control	Arumona A.E., Amiri I.S., Punthawanunt S., Youplao P., Ray K., Yupapin P.	Plasmonics	2021	1
348	Role of calcination on dielectric properties of BaTiO ₃ nanoparticles as a gas sensor	Pawar H., Khan M., Kumari M., Dwivedi U.K., Prasad T., Kumar R., Rathore D.	Applied Physics A: Materials Science and Processing	2021	1
349	Assessment of role of cuticular wax in adaptive physiological responses of Calotropis procera and Calotropis gigantea	Sharma P., Bala N., Saini M.K., Jain A., Kothari S.L., Gour V.S.	Plant Physiology Reports	2021	1
350	Plasmonic Antenna Embedded Chalcogenide MZI Circuit for Ultra-high Density Up- and Downlink Transmission	Arumona A.E., Garhwal A., Bunruangses M., Ray K., Youplao P., Punthawanunt S., Yupapin P.	Plasmonics	2021	1
351	Influence of γ -irradiation on antioxidant, thermal and rheological properties of native and irradiated whole grain millet flours	Wani H.M., Sharma P., Wani I.A., Kothari S.L., Wani A.A.	International Journal of Food Science and Technology	2021	1
352	Profiling of polyphenolic compounds of ficus palmata fruits via ultra highperformance liquid chromatography with diode array detector spectrometry	Sharma K., Sharma S., Kumar N., Singh R., Chauhan N.	Medicinal Plants	2021	1

353	Morphological Descriptors and Heritability as Markers for Oil Yield in <i>Balanites aegyptiaca</i> (L.) Del.: A Potential Biodiesel Xerophyte	Saini M.K., Prasad J., Raju P.V.S., Kothari S.L., Harish, Shukla J.K., Gour V.S.	Proceedings of the National Academy of Sciences India Section B - Biological Sciences	2021	1
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356	A comprehensive review on the biotechnological intervention for deciphering the pharmacological and other multifarious properties of miracle tree <i>Moringa oleifera</i>	Jain A., Poli Y., Goud M.D., Ravi R.S.D., Bhaskaran S., Wang X., Das S.S., Gupta S., Jain R., Kachhwaha S., Sharma P., Gour V.S., Sarkar A.K., Sahi S.V., Kothari S.L.	Industrial Crops and Products	2021	1
357	MODELLING OF MICROWAVE SLOTTED WAVEGUIDE FOR LTE SIGNAL DETECTION	Pathan R., Tripathi A., Tamboli M.A.	International Journal on Technical and Physical Problems of Engineering	2021	1
358	Chromatic intervention and biocompatibility assay for biosurfactant derived from <i>Balanites aegyptiaca</i> (L.) Del	Panchariya V., Bhati V., Madhyastha H., Madhyastha R., Prasad J., Sharma P., Sharma P., Harish, Saini M.K., Rajput V.D., Nakajima Y., Kothari S.L., Gour V.S.	Scientific Reports	2021	1
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360	The Future of Internet of Vehicle : Challenges and Applications	Dhanare R., Nagwanshi K.K., Varma S., Pathak S.	2021 International Conference on Computational Performance Evaluation, ComPE 2021	2021	
361	Model Comparison and Multiclass Implementation Analysis on the UNSW NB15 Dataset	Rathod N.A., Gupta T., Sharma N.V., Sharma S.	2021 International Conference on Computational Performance Evaluation, ComPE 2021	2021	
362	Concept Drift Detection for Social Media: A Survey	Patil M.A., Kumar S., Kumar S., Garg M.	Proceedings - 2021 3rd International Conference on Advances in Computing, Communication Control and Networking, ICAC3N 2021	2021	
363	Improvement of Power Quality in Distribution Grid with Renewable Energy Generation Using DSTATCOM	Kaushik R., Mahela O.P., Bhatt P.K.	3rd IEEE International Virtual Conference on Innovations in Power and Advanced Computing Technologies, i-PACT 2021	2021	

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367	Transcorneal Kinetics of Topical Drugs and Nanoparticles	Srinivas S.P., Chaiyasan W., Burli A., Guidoboni G., Sacco R., Anand A., Siraj A.H., Daima H.K., Kompella U.B.	AAPS Advances in the Pharmaceutical Sciences Series	2021	
368	EVALUATION OF A NEW CLASS OF DOUBLE INTEGRALS INVOLVING GENERALIZED HYPERGEOMETRIC FUNCTION ${}_4F_3$	Kim J., Kim I., Harsh H.V.	Australian Journal of Mathematical Analysis and Applications	2021	
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372	Rock Hyrax intelligent optimisation algorithm: An exploration for Web 3.0 domain selection	Suresh Kumar B., Bhargava D., Kar A.K., Igiri C.P.	International Journal of Advanced Intelligence Paradigms	2021	
373	Classification of UNSW-NB15 dataset using Exploratory Data Analysis using Ensemble Learning	Sharma N., Yadav N.S., Sharma S.	EAI Endorsed Transactions on Industrial Networks and Intelligent Systems	2021	
374	SECS/GEMsec: A Mechanism for Detection and Prevention of Cyber-Attacks on SECS/GEM Communications in Industry 4.0 Landscape	Laghari S.U.A., Manickam S., Al-Ani A.K., Rehman S.U., Karuppayah S.	IEEE Access	2021	
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377	A dynamic window-size based segmentation technique to detect driver entry and exit from a car	Hirawat A., Taterh S., Sharma T.K.	Journal of King Saud University - Computer and Information Sciences	2021	
378	Secure multi-objective hybrid routing protocol for wireless sensor network	Kaushik R., Singh V., Kumari R.	Recent Patents on Engineering	2021	
379	Identifying Individuals Using EEG-Based Brain Connectivity Patterns	Hussain H., Ting C.-M., Jalil M.A., Ray K., Rizvi S.Z.H., Kavikumar J., Noman F.M., Zubaidi A.L.A., Low Y.F., Sh-Hussain, Mahmud M., Kaiser M.S., Ali J.	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2021	
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382	Enhanced Signal Processing Using Modified Cyclic Shift Tree Denoising	Hussain H., Wan Abd Aziz W.S.N.A., Chee-Ming T., Noman F.M., Ahmad Zubaidi A.L., Samdin S.B., Sh H., Jalil M.A., Yusoff Y., Jacob K., Ray K., Kaiser M.S., Shaikh Salleh S.H., Ali J.	Communications in Computer and Information Science	2021	
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390	Production, Purification And Characterization Of A Novel Bacteriocin Produced By Bacillus Subtilis Vs Isolated From Mango (Mangifera Indica L.)	Sharma V., Aseri G., Bhagwat P., Jain N., Ranveer R.C.	Brazilian Archives of Biology and Technology	2021	
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393	Plasticity of tandem repeats in expressed sequence tags of angiospermic and non-angiospermic species: Insight into cladistic, phenetic, and elementary explorations	Ul Haq S., Dhingra P., Sharma M., Kothari S.L., Kachhwaha S.	Journal of Applied Biology and Biotechnology	2021	
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401	Design and Comparative Analysis of Compact Bioinspired Leaf-shaped Antenna Using Different Substrate Material for UWB and X-band Applications [Проектування та порівняльний аналіз компактної біотехнологічної листоподібної антени з використанням різних матеріалів підкладки для застосувань UWB та X-діапазонів]	Keshwala U., Rawat S., Ray K.	Journal of Nano- and Electronic Physics	2021	
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424	Preface	Ray K., Roy K.C., Toshniwal S.K., Sharma H., Bandyopadhyay A.	Lecture Notes in Networks and Systems	2021	
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432	A Vigorous Chaotic Function Based Image Authentication Structure	Singh A.K., Gandhi V.C., Madhusudhana Subramanyam M., Kumar S., Aggarwal S., Tiwari S.	Journal of Physics: Conference Series	2021	
433	Control strategies for electric vehicle charging station: A review	Jawale S.A., Singh S.K., Singh P.	2021 2nd International Conference for Emerging Technology, INCET 2021	2021	
434	Enhanced callus growth of medicinally important rauwolfia serpentina (L.) through supplementation of phytohormones and L-glutamine	Verma S.K., Bhagat P., Bhargava A., Chatta A., Goyary D., Aseri G.K., Khare N.	Annals of Agri Bio Research	2021	
435	The effects of phytohormones and yeast extract on callus development of medicinally important endangered plant, rauwolfia serpentina (L.)	Verma S.K., Bhagat P., Yadav S., Goyary D., Aseri G.K., Khare N.	Annals of Biology	2021	

436	Correction to: Synergistic effect of cytokinins and auxins enables mass clonal multiplication of drumstick tree (<i>Moringa oleifera</i> Lam.): a wonder (In Vitro Cellular & Developmental Biology - Plant, (2020), 56, 4, (458-469), 10.1007/s11627-020-10065-0)	Gupta S., Kachhwaha S., Kothari S.L., Jain R.	In Vitro Cellular and Developmental Biology - Plant	2021	
437	Power exponentiated family of distributions with application on two real-life datasets	Modi K.	Thailand Statistician	2021	
438	Knockdown of OsSAE1a affects acquisition and mobilization of nitrogen, and growth and development of rice	Wang X., Jain A., Pei W., Hu Z., Sun S., Huang X.	Plant Growth Regulation	2021	
439	Novel and known miRNAs in zebu (Tharparkar) and crossbred (Karan-Fries) cattle under heat stress	Kumar M., Noyonika, Aggarwal A., Kaul G.	Functional and Integrative Genomics	2021	
440	Transient Spectroscopic Dynamics of Excitons and Polarons in the P3HT:FLR Blend	Patel J., Chauhan M., Sharma A., Vashistha N., Dwivedi U.K., Kumar M., Tripathi B., Pandey M.K., Tiwari J.P.	Journal of Physical Chemistry C	2021	
441	A survey on different dimensions for graphical keyword extraction techniques: Issues and Challenges	Garg M.	Artificial Intelligence Review	2021	
442	Comparative impact of bioinoculants on nutrient uptake, enzyme activities and growth of <i>Cassia angustifolia</i> Vhal (<i>Senna</i>) and <i>Cyamopsis tetragonoloba</i> (L.) (<i>Guar</i>) in Feldspar mine spoil	Junia R., Jain N., Sohal J., Sharma D., Khare N., Aseri G.K.	South African Journal of Botany	2021	
443	A Review and Comparative Study on Surface Vehicle Path Planning Algorithm	Nunia V., Poonia R.C.	ACM International Conference Proceeding Series	2021	
444	ORR: Optimized Round Robin CPU Scheduling Algorithm	Gupta A.K., Mathur P., Travieso-Gonzalez C.M., Garg M., Goyal D.	ACM International Conference Proceeding Series	2021	
445	Keyphrase Extraction using Markov Decision Process from Social Media Data	Garg M., Kumar M., Gupta A.K., Goyal D.	ACM International Conference Proceeding Series	2021	
446	Parasitic sorority of speech processing algorithms with an assortment of statistical toolkits	Sudhakaran P., Yadav A.K., Karamchandani S.	Journal of Physics: Conference Series	2021	
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448	Characterization and Molecular Verification of Surface Markers Expression and Pluripotency of Wharton's Jelly Derived Mesenchymal Stem Cells (WJ-MSCs)	Urvi Panwar, Mishra K., Patel P., Kothari S., Bharadva S., Ghosh K.	Cell and Tissue Biology	2021	
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465	In silico Repurposing of Anticancer Drug (5-Fluorouracil) as an Antibacterial Agent against <i>Klebsiella pneumoniae</i>	Sharma A., Rana A., Mangtani L., Kalra A., Niraj R.R.K.	Letters in Drug Design and Discovery	2021	
466	OPTIMIZATION OF RECEIVED SIGNAL USING SLOTTED WAVEGUIDE ANTENNA FROM LONG TERM EVOLUTION (LTE) DRIVE TEST DATA USING COMPUTATIONAL INTELLIGENCE	Pathan S., Noonia A., Tamboli M.A., Pathak S.	International Journal on Technical and Physical Problems of Engineering	2021	
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468	Optimization of physical schemes in WRF model on cyclone simulations over Bay of Bengal using one-way ANOVA and Tukey’s test	Shenoy M., Raju P.V.S., Prasad J.	Scientific Reports	2021	
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471	A comparative appraisal of three important oil yielding plants for their biodiesel potential	Saini M.K., Shukla J.K., Kothari S.L., Gour V.S.	Biologia Futura	2021	
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475	Global burden of 369 diseases and injuries in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019	<p>Abbaratu C., Abbas K.M., Abbasi-Kangevari M., Abd-Allah F., Abdelalim A., Abdollahi M., Abdollahpour I., Abegaz K.H., Abolhassani H., Aboyans V., Abreu L.G., Abrigo M.R.M., Abualhasan A., Abu-Raddad L.J., Abushouk A.I., Adabi M., Adekanmbi V., Adeoye A.M., Adetokunboh O.O., Adham D., Advani S.M., Afshin A., Agarwal G., Aghamir S.M.K., Agrawal A., Ahmad T., Ahmadi K., Ahmadi M., Ahmadi H., Ahmed M.B., Akalu T.Y., Akinyemi R.O., Akinyemiju T., Akombi B., Akunna C.J., Alahdab F., Al-Aly Z., Alam K., Alam S., Alam T., Alanezi F.M., Alanzi T.M., Alemu B.W., Alhabib K.F., Ali M., Ali S., Alicandro G., Alinia C., Alipour V., Alizade H., Aljunid S.M., Alla F., Allebeck P., Almasi-Hashiani A., Al-Mekhlafi H.M., Alonso J., Altirkawi K.A., Amini-Rarani M., Amiri F., Amugsi D.A., Ancuceanu R., Anderlini D., Anderson J.A., Andrei C.L., Andrei T., Angus C., Anjomshoa M., Ansari F., Ansari-Moghaddam A., Antonazzo I.C., Antonio C.A.T., Antony C.M., Antriyandarti E., Anvari D., Anwer R., Appiah S.C.Y., Arabloo J., Arab-Zozani M., Aravkin A.Y., Ariani F., Armoon B., Ärnlöv J., Arzani A., Asadi-Aliabadi M., Asadi-Pooya A.A., Ashbaugh C., Assmus M., Atafar Z., Atafu D.D., Atout M.M.W., Ausloos F., Ausloos M., Ayala Quintanilla B.P., Ayano G., Ayanore M.A., Azari S., Azarian G., Azene Z.N., Badawi A., Badiye A.D., Bahrami M.A., Bakshaei M.H., Bakhtiari A., Bakkannavar S.M., Baldassarri A., Ball K., Ballew S.H., Balzi D., Banach M.</p>	The Lancet	2020	2220
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481	Modelling and optimization of different quality characteristics in electric discharge drilling of titanium alloy sheet	Jain A., Yadav A.K., Shrivastava Y.	Materials Today: Proceedings	2020	103
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485	Simultaneous detection of salivary Δ^9 -tetrahydrocannabinol and alcohol using a Wearable Electrochemical Ring Sensor	Mishra R.K., Sempionatto J.R., Li Z., Brown C., Galdino N.M., Shah R., Liu S., Hubble L.J., Bagot K., Tapert S., Wang J.	Talanta	2020	49
486	Recent advances and perspectives in sweat based wearable electrochemical sensors	Mohan A.M.V., Rajendran V., Mishra R.K., Jayaraman M.	TrAC - Trends in Analytical Chemistry	2020	49
487	Descriptive analysis of COVID-19 patients in the context of India	Bhatnagar V., Poonia R.C., Nagar P., Kumar S., Singh V., Raja L., Dass P.	Journal of Interdisciplinary Mathematics	2020	48
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489	Gum arabic capped copper nanoparticles: Synthesis, characterization, and applications	Chawla P., Kumar N., Bains A., Dhull S.B., Kumar M., Kaushik R., Punia S.	International Journal of Biological Macromolecules	2020	41

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496	Multi-level image thresholding based on Kapur and Tsallis entropy using firefly algorithm	Sharma A., Chaturvedi R., Kumar S., Dwivedi U.K.	Journal of Interdisciplinary Mathematics	2020	20
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508	Suicidal ideation prediction in twitter data using machine learning techniques	Rajesh Kumar E., Rama Rao K.V.S.N., Nayak S.R., Chandra R.	Journal of Interdisciplinary Mathematics	2020	13
509	Rab GTPases take centre stage in understanding Entamoeba histolytica biology	Verma K., Srivastava V.K., Datta S.	Small GTPases	2020	13
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521	Plant shaped antenna with trigonometric half sine tapered leaves for THz applications	Keshwala U., Rawat S., Ray K.	Optik	2020	10
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536	Development of LTCC micro-hotplate with PTC temperature sensor for gas-sensing applications	Kulhari L., Ray K., Paptan A., Suri N., Khanna P.K.	International Journal of Applied Ceramic Technology	2020	7
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571	Fractional calculus operator with generalize k-Mittag-Leffler function	Singh Y., Dubey R.S.	Journal of Interdisciplinary Mathematics	2020	3
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582	Numerical simulation of solid particle erosion for glass fiber reinforced epoxy composites	Agarwal P., Sharma A., Choudhary M., Patnaik T.K., Patnaik A.	Materials Today: Proceedings	2020	2
583	Structural and dielectric properties of copper ferrite/LDPE composite	Vaid K., Chaurasia A., Rawat S., Dwivedi U.K.	Materials Today: Proceedings	2020	2
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608	Development and Electrical Properties of Titanium Dioxide-Based Polymer Nanocomposite Structures	Singh S., Rajput N.S., Rathore D., Dwivedi U.K.	Lecture Notes in Mechanical Engineering	2020	1
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614	Enhanced Local Search in Shuffled Frog Leaping Algorithm	Sharma T.K., Rajpurohit J., Prakash D.	Advances in Intelligent Systems and Computing	2020	1
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617	Neuro-fuzzy control algorithm for harmonic compensation of quality improvement for grid interconnected photovoltaic system	Pragathi B., Nayak D.K., Poonia R.C.	Advances in Intelligent Systems and Computing	2020	1
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619	Assessment of rolling loads accomplished by AISI1060 steel cold deformation	Joshi A., Bhatt P.K., Goyal R.K.	International Journal of Advanced Science and Technology	2020	1
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621	Identification and categorization of lean manufacturing barriers in Indian SMEs	Sharma S.S., Pandey P., Sharma B.P.	AIP Conference Proceedings	2020	1
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731	An appraisal of cuticular wax of <i>Calotropis procera</i> (Ait.) R. Br.: Extraction, chemical composition, biosafety and application	Sharma P., Madhyastha H., Madhyastha R., Nakajima Y., Maruyama M., Verma K.S., Verma S., Prasad J., Kothari S.L., Gour V.S.	Journal of Hazardous Materials	2019	7
732	Mobile android-based remote patient monitoring system through wearable sensors	Andrews L.J.B., Raja L., Shanmugasundaram S.	Journal of Discrete Mathematical Sciences and Cryptography	2019	7
733	Emerging Roles of Th9 Cells as an Anti-tumor Helper T Cells	Chandwaskar R., Awasthi A.	International Reviews of Immunology	2019	7
734	Some fractional integral inequalities for the katugampola integral operator	Dubey R.S., Goswami P.	AIMS Mathematics	2019	6
735	OsSIZ2 regulates nitrogen homeostasis and some of the reproductive traits in rice	Pei W., Jain A., Ai H., Liu X., Feng B., Wang X., Sun Y., Xu G., Sun S.	Journal of Plant Physiology	2019	6
736	Design a new protocol and compare with BB84 protocol for quantum key distribution	Kalra M., Poonia R.C.	Advances in Intelligent Systems and Computing	2019	6
737	FDTD approach to photonic based angular waveguide for wide range of sensing application	Mishra C.S., Nayyar A., Kumar S., Mahapatra B., Palai G.	Optik	2019	6
738	Gum acacia-PVA hydrogel blends for wound healing	Parwani L., Bhatnagar M., Bhatnagar A., Sharma V., Sharma V.	Vegetos	2019	6
739	Map matching algorithm: curve simplification for Frechet distance computing and precise navigation on road network using RTKLIB	Sharma K.P., Poonia R.C., Sunda S.	Cluster Computing	2019	6

740	Exploring proteomic drug targets, therapeutic strategies and protein protein interactions in cancer: Mechanistic view	Dar K.B., Bhat A.H., Amin S., Anjum S., Reshi B.A., Zargar M.A., Masood A., Ganie S.A.	Current Cancer Drug Targets	2019	5
741	Review of Predictive Analysis Techniques for Analysis Diabetes Risk	Vyas S., Ranjan R., Singh N., Mathur A.	Proceedings - 2019 Amity International Conference on Artificial Intelligence, AICAI 2019	2019	5
742	Evaluation of influence of different strains of agrobacterium rhizogenes on efficiency of hairy root induction in rauwolfia serpentina	Bhagat P., Verma S.K., Singh A.K., Aseri G.K., Khare N.	Indian Journal of Genetics and Plant Breeding	2019	5
743	Advances in swarm intelligence and machine learning for optimizing problems in image processing and data analytics (Part 1)	Nayyar A., Kumar S., Nguyen N.G.	Recent Patents on Computer Science	2019	4
744	Soil moisture sensors for sustainable irrigation: Comparison and calibration	Bhatnagar V., Chandra R., Prasad J.	International Journal of Sustainable Agricultural Management and Informatics	2019	4
745	Analysis of lean manufacturing implementation in SMEs: A "5S" technique	Sharma S.S., Shukla D.D., Sharma B.P.	Lecture Notes in Mechanical Engineering	2019	4
746	A review of internet of things from Indian perspective	Upadhyay K., Yadav A.K., Gandhi P.	Lecture Notes in Electrical Engineering	2019	4
747	Knowledge building through optimized classification rule set generation using genetic based elitist multi objective approach	Gupta P., Sharma T.K., Mehrotra D., Abraham A.	Neural Computing and Applications	2019	4
748	Diverse real-time attack traffic forecasting for cloud platforms	Arora A.S., Bahl B., Raja L.	Journal of Discrete Mathematical Sciences and Cryptography	2019	4
749	Physiological and gene expression studies of selected Zea mays L. and Pennisetum glaucum (L.) R. Br. genotypes to simulated drought stress condition	Iwuala E., Odjegba V., Umebese C., Sharma V., Alam A.	Vegetos	2019	4
750	A comparative in silico analysis of Rab5 proteins from pathogenic species to find its role in the pathogenesis	Srivastava V.K., Kaushik S., Jyoti A.	Journal of Molecular Recognition	2019	4
751	Enhancement of Nusselt number by using Al ₂ O ₃ and TiO ₂ Nanofluids in Heat Exchangers	Singh Rajput N., Dilipbhai Shukla D., Ishan L., Seshu Madhav K.	Materials Today: Proceedings	2019	3
752	Effect of natural safe rock minerals on growth, yield and quality of rice (Oryza sativa) in rice-wheat cropping system	Ranva S., Singh Y.V., Jain N., Bana R.C., Bana R.S., Bajya D.R.	Indian Journal of Agricultural Sciences	2019	3
753	Electrical Characterization of PVA-MgSO ₄ and PVA-Li ₂ SO ₄ Polymer Salt Composite Electrolytes	Rathore M., Dalvi A.	Materials Today: Proceedings	2019	3
754	A review: Importance of various modeling techniques in agriculture/crop production	Sihag J., Prakash D.	Advances in Intelligent Systems and Computing	2019	3
755	Genetic transformation of indica rice varieties involving AmSOD gene for improved abiotic stress tolerance	Samara Shekar Reddy S., Singh B., John Peter A., Venkateswar Rao T.	Saudi Journal of Biological Sciences	2019	3

756	Evaluation of Robustness of the Biosurfactant Derived from <i>Balanites aegyptiaca</i> (L.) Del.	Sharma P., Saini M.K., Prasad J., Gour V.S.	Journal of Surfactants and Detergents	2019	3
757	Study of Domain Switching Using Piezoresponse Force Microscopy in Ca 0.4 Sr 0.6 Bi 4 Ti 4 O 15 Thin Film for Electromechanical Applications	Mitra S., Gupta S., Joseph A.M., Dwivedi U.K.	Electronic Materials Letters	2019	3
758	Employment structure, casualization and wage differential in rural Uttar Pradesh: a disaggregated analysis	Mishra N.K., Singh U.B.	Area Development and Policy	2019	3
759	Study on Use of AI and Big Data for Commercial System	Vyas S., Jain S.S., Choudhary I., Chaudhary A.	Proceedings - 2019 Amity International Conference on Artificial Intelligence, AICAI 2019	2019	3
760	UWB antenna with dual band notch characteristics	Vijay S.K., Jain S., Ahmad M.R., Ahmad B.H., Rawat S., Singh P., Ray K., Bandyopadhyay A.	International Journal of Engineering and Advanced Technology	2019	3
761	Effect of drought stress on the expression of genes linked to antioxidant enzymatic activity in landraces of <i>Zea mays</i> L. and <i>Pennisetum glaucum</i> (L.) R. Br.	Iwuala E., Odjegba V., Ajiboye A., Umebese C., Sharma V., Alam A.	Plant Physiology Reports	2019	3
762	Experimental and theoretical assessment of Fe-doped indium-oxide-based dilute magnetic semiconductors	Mukherji R., Mathur V., Samariya A., Mukherji M.	Philosophical Magazine	2019	3
763	Wideband Circular Shaped Fractal Patch Antenna for 2.45 GHz Biomedical Applications	Garhwal A., Ahmad M.R., Ahmad B.H., Rawat S., Singh P., Ray K., Bandyopadhyay A.	APACE 2019 - 2019 IEEE Asia-Pacific Conference on Applied Electromagnetics, Proceedings	2019	3
764	Identification and evaluation of quercetin as a potential inhibitor of naphthoate synthase from <i>Enterococcus faecalis</i>	Das S., Batra S., Gupta P.P., Kumar M., Srivastava V.K., Jyoti A., Singh N., Kaushik S.	Journal of Molecular Recognition	2019	3
765	Exploring the role of social media as a support mechanism among persons with diabetes: An online ethnographic study	Verma M., Junaid A., Verma K., Gupta D.D.	Journal of Content, Community and Communication	2019	2
766	Applications of genome editing in pet world	Sohal J.S., Khan A., Vats D., Jain M., Polavarapu R., Aseri G.K., Sharma D.	Genomics and Biotechnological Advances in Veterinary, Poultry, and Fisheries	2019	2
767	Intelligent Agents and Autonomous Robots	Bhargava D.	Rapid Automation: Concepts, Methodologies, Tools, and Applications	2019	2
768	The norm of pre-Schwarzian derivative on subclasses of bi-univalent functions	Rana S., Goswami P., Dubey R.S.	AIMS Mathematics	2019	2
769	“Water” use it - Wisely WSN-irrigation system (WSN-IS) for smart home garden	Durugkar S.R., Poonia R.C., Naik R.B.	Recent Patents on Engineering	2019	2
770	State of the art and gap analysis of precision agriculture: A case study of Indian Farmers	Bhatnagar V., Poonia R.C., Sunda S.	International Journal of Agricultural and Environmental Information Systems	2019	2
771	An opinion on nanomedicine and toxico-cellular crosstalk: Considerations and Caveats	Madhyastha H., Madhyastha R., Nakajima Y., Daima H.K., Navya P.N., Maruyama M.	Materials Today: Proceedings	2019	2

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773	Pyrrrolizidine alkaloids and their biological properties from Indian Heliotropium species	Singh B., Sharma R.A.	Current Bioactive Compounds	2019	2
774	Biogenic synthesis and characterization of silver nanoparticles from bacteria isolated from garden soil and its antibacterial activity against enterococcus faecalis	Saini M.K., Das S., Moti H.S., Lakhawat S.S., Jyoti A., Srivastava V.K., Kaushik S.	International Journal of Research in Pharmaceutical Sciences	2019	2
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777	Inscribe the Exigency of Map Matching Performance for Curve Navigation on Road/Highways	Sharma K.P., Jain R.	Proceedings - 2019 Amity International Conference on Artificial Intelligence, AICAI 2019	2019	2
778	A Penalty Method Based-Spring Design optimization Using Bio-inspired Computation Approach	Igiri C.P., Bhargava D., Singh Y.	Proceedings - 2019 Amity International Conference on Artificial Intelligence, AICAI 2019	2019	2
779	Assessment of occupational health hazards due to particulate matter originated from spices	Upadhyay E., Almass A.A.M., Dasgupta N., Rahman S., Kim J., Datta M.	International Journal of Environmental Research and Public Health	2019	2
780	Impact of social media on generation Y for buying fashion apparel	Tripathi S.	Journal of Content, Community and Communication	2019	2
781	Nature inspired fibonacci sequence microstrip patch antenna for energy harvesting applications	Meena A., Garhwal A., Ray K.	International Journal of Recent Technology and Engineering	2019	2
782	Bacteriocins: Production, different strategies of purification and applications	Sharma V., Ranveer R.C., Jain N., Aseri G.K.	International Journal of Research in Pharmaceutical Sciences	2019	2
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784	Evaluation of newly developed 'six recombinant secretory proteins based 'cocktail ELISA' and 'whole cell lysate' based 'indigenous ELISA' and tissue microscopy' with 'Gold standard' histo-pathology for the diagnosis of Johne's disease in slaughtered goats and buffaloes	Chaubey K.K., Gangwar N., Pawaiya R.S., Jatav G.P., Sohal J.S., Singh S.V., Singh M., Gupta S., Kumaresan G., Kumar N., Jayaraman S.	Comparative Immunology, Microbiology and Infectious Diseases	2019	2
785	Quality assessment of oil and biodiesel derived from Balanites aegyptiaca collected from different regions of Rajasthan	Saini M.K., Sharma P., Prasad J., Kothari S.L., Gour V.S.	Biocatalysis and Agricultural Biotechnology	2019	2

786	Composition, production, physicochemical properties and applications of lecithin obtained from rice (<i>Oryza sativa</i> L.) - A review	Lehri D., Kumari N., Singh R.P., Sharma V.	Plant Science Today	2019	2
787	Bioactivity and pharmacological potential of <i>Trianthema portulacastrum</i> L. (Angiosperms: Aizoaceae): An overview	Prakash A., Pracheta, Sharma V.	Plant Science Today	2019	2
788	Enhancement of Nusselt number by using CNT and CuO Nanofluids in Heat exchangers	Singh Rajput N., Dilipbhai Shukla D., Ishan L., Seshu Madhav K.	Materials Today: Proceedings	2019	1
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791	Various Issues and considerations for the Static Power Consumption in NANO-CMOS: Design Perspective	Yadav A.K., Upadhyay K., Gandhi P., Vaishali	Materials Today: Proceedings	2019	1
792	Design and analysis of low profile, enhanced bandwidth UWB microstrip patch antenna for body area network	Singh R., Rathour A.S., Kumar V., Seth D., Rawat S., Ray K.	Lecture Notes in Electrical Engineering	2019	1
793	Performance investigations of multi-resonance microstrip patch antenna for wearable applications	Singh R., Seth D., Rawat S., Ray K.	Advances in Intelligent Systems and Computing	2019	1
794	Artificial bee colony application in cost optimization of project schedules in construction	Sharma T.K., Rajpurohit J., Sharma V., Prakash D.	Advances in Intelligent Systems and Computing	2019	1
795	Influence of natural saferock mineral on soil micro-biological parameters under rice-wheat cropping system	Ranva S., Singh Y.V., Jain N., Bajjiya D.R.	Bangladesh Journal of Botany	2019	1
796	An assessment of the soil fertilization status of IB-INW zone of Rajasthan	Sihag J., Prakash D.	International Journal of Mechanical and Production Engineering Research and Development	2019	1
797	Prediction Algorithms and Consecutive Estimation of Software Product Line Feature Model Usability	Vyas G., Vyas S., Paul P.K., Sharma A., Bhardwaj C.	Proceedings - 2019 Amity International Conference on Artificial Intelligence, AICAI 2019	2019	1
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799	Special Issue on Emerging Trend and Techniques of Cyber Physical Systems	Poonia R.C., Chang W., Katewa V., Gao X.-Z.	Journal of Systems Architecture	2019	1
800	Profiling of <i>Mycobacterium avium</i> subspecies paratuberculosis in the milk of lactating goats using antigen-antibody based assays	Singh M., Gupta S., Chaubey K.K., Singh S.V., Sohal J.S.	Comparative Immunology, Microbiology and Infectious Diseases	2019	1

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802	Export competitiveness of indian oilseeds: The method of constant market share (CMS) with special reference to groundnut	Arora A., Batra D.	International Journal of Innovative Technology and Exploring Engineering	2019	1
803	Targeting fatty acid synthase protein by molecular docking studies of naturally occurring ganoderic acid analogues acting as anti-obesity molecule	Kaushal S.K., Shailesh K., Brijendra S., Saurabh B., Nisha P., Ishan P.K., Prakash B.S.	Research Journal of Biotechnology	2019	1
804	Assessment of antimicrobial activity against clinical isolates of human pathogen, physiochemical and phytochemical analysis of Lantana indica roxb	Singh D.D.	Research Journal of Pharmacy and Technology	2019	1
805	A compact UWB antenna design using modified ground plane	Toshniwal S.K., Prajapati A., Ray K., Ahmad M.R., Ahmad B.H., Singh P., Bandyopadhyay A.	International Journal of Innovative Technology and Exploring Engineering	2019	1
806	Comparative study of soil fertility based on SFM computational model for IB-INW and IC-Hapi Zone	Sihag J., Prakash D., Yadav P.	International Journal of Mechanical and Production Engineering Research and Development	2019	1
807	Development and standardization of quality control parameters of different parts of Trianthema portulacastrum L.	Prakash A., Janmeda P., Pathak P., Bhatt S., Sharma V.	SN Applied Sciences	2019	1
808	Dual band printed bow-tie antenna for WLAN/WiMAX application	Vijay S.K., Hassan N., Ahmad M.R., Ahmad B.H., Rawat S., Ray K.	Journal of Advanced Manufacturing Technology	2019	1
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810	Test case design and test case prioritization using machine learning	Sharma M.M., Agrawal A., Suresh Kumar B.	International Journal of Engineering and Advanced Technology	2019	1
811	Development and evaluation of LAMP-coupled lateral flow device for the detection of MAP in livestock at point of care resource-limited areas	Punati R.D., Mallepaddi P.C., Poonati R., Maity S.N., Sohal J.S., Polavarapu K.K.B., Polavarapu R.	Brazilian Journal of Microbiology	2019	1
812	In search of novel protein drug targets for treatment of Enterococcus faecalis infections	Singh H., Das S., Yadav J., Srivastava V.K., Jyoti A., Kaushik S.	Chemical Biology and Drug Design	2019	1
813	A New Effective TCP-CC Algorithm Performance Analysis (NS3)	Paliwal G., Sharma K.P., Taterh S., Varshney S.	2019 4th International Conference on Information Systems and Computer Networks, ISCON 2019	2019	1
814	Analysis of Absorption Characteristics and Source Apportionment of Carbonaceous Aerosol in Arid Region of Western India	Sateesh M., Soni V.K., Raju P.V.S., Prasad V.S.	Earth Systems and Environment	2019	1

815	Effect of MWCNT on Mechanical Properties of Polymer Based Composite Brick	Singh Rajput N., Dilipbhai Shukla D., Ishan L., Dass V.	Materials Today: Proceedings	2019	
816	Generating bioelectricity from different organic residues using microbial fuel cells	Sharma S., Kuila A., Sharma V.	Plant Biotechnology: Progress in Genomic Era	2019	
817	Biological databases in virology	Gupta P.P., Bastikar V.A., Chhajed S.S., LalKothari S.	Emerging and Reemerging Viral Pathogens: Volume 2: Applied Virology Approaches Related to Human, Animal and Environmental Pathogens	2019	
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822	An improved chaotic-based African buffalo optimisation algorithm	Igiri C.P., Singh Y., Poonia R.C.	International Journal of Innovative Computing and Applications	2019	
823	Differential and developmental stage specific abundance of Zmdreb2a mRNA transcripts under drought stress and root development in Zea mays (L.)	Sharma R., Azad M., Nunia V., Kothari S.L., Kachhwaha S.	Plant OMICS	2019	
824	E-learning in LIS education in India: Status and efforts for improvement	Mishra A.	Library Philosophy and Practice	2019	
825	Numerical study of effects of adrenal hormones on lymphocytes	Samuel S., Gill V., Kumar D., Singh Y.	Springer Proceedings in Mathematics and Statistics	2019	
826	Impact of training & development programs on working proficiency of employees in Rajasthan: Engaged in technical and professional institutions	Kulhari P., Agarwal V.	Journal of Advanced Research in Dynamical and Control Systems	2019	
827	Reliability and profit analysis of a two unit gas turbine power generating system with effect of ambient temperature and priority	Rajesh, Taneja G., Prasad J.	Journal of Advanced Research in Dynamical and Control Systems	2019	
828	Design a new protocol and comparison with B92 protocol for quantum key distribution	Kalra M., Poonia R.C.	International Journal of Internet Protocol Technology	2019	
829	A note on comparison between statistical cluster and neural network cluster	Prasad J., Rajawat R.	Recent Patents on Engineering	2019	
830	IoT Based Alert System for Visually Impaired Persons	Bhatnagar V., Chandra R., Jain V.	Communications in Computer and Information Science	2019	

831	Photosynthetic efficiency and antioxidant potential of pennisetum glaucum (L.) R. Br. genotypes under simulated drought stress	Iwuala E., Odjegba V., Ajiboye A., Sharma V., Alam A.	Plant Cell Biotechnology and Molecular Biology	2019	
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834	Local search strategy embedded ABC and its application in cost optimization model of project time schedule	Sharma T.K., Rajpurohit J.	International Journal of Applied Metaheuristic Computing	2019	
835	Software-defined networking—imposed security measures over vulnerable threats and attacks	Kumar U., Taterh S., Murugan Kaliyamurthy N.	Advances in Intelligent Systems and Computing	2019	
836	Working of an ontology established search method in social networks	Kumar U., Sharma U., Taterh S.	Advances in Intelligent Systems and Computing	2019	
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838	Label powerset based multi-label classification for mobile applications	Gupta P., Sharma T.K., Mehrotra D.	Advances in Intelligent Systems and Computing	2019	
839	Impact of parental stress on body mass index of children	Pareek A., Joshi U.	Indian Journal of Public Health Research and Development	2019	
840	Genomics	Singh D.D., Datta M.	Omics Approaches, Technologies And Applications: Integrative Approaches For Understanding OMICS Data	2019	
841	Exploiting contextual information of color images through feature extraction techniques for semantic segmentation	Kumar C.S., Sharma V.K., Chaturvedi R.	International Journal of Recent Technology and Engineering	2019	
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844	Research on virtual servers based distributed database system	Vyas S.	International Journal of Innovative Technology and Exploring Engineering	2019	
845	Application of asynchronous DE with trigonometric mutation in engineering design problems	Vaishali, Panwar D., Sharma D.P., Yadav A.K.	International Journal of Innovative Technology and Exploring Engineering	2019	
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847	Performance evaluation of flooding based routing protocol for delay tolerant networks	Gupta S., Poonia R.C., Gao X.-Z.	International Journal of Recent Technology and Engineering	2019	

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853	Miniaturized Cupcake Fractal Patch Antenna for Biomedical Applications	Garhwal A., Ahmad M.R., Ahmad B.H., Rawat S., Singh P., Ray K., Bandyopadhyay A.	Proceedings of the 4th International Conference on Communication and Electronics Systems, ICCES 2019	2019	
854	Cross opposition based differential evolution optimization	Sharma S., Yadav A.K., Sinwar D., Naruka B., Vaishali	International Journal of Recent Technology and Engineering	2019	
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856	Effect of elicitors on growth, biochemical and antioxidant activity in two varieties of wheat (<i>Triticum aestivum</i> L.) under drought	Thakur A., Kumari N., Sharma V.	Indian Journal of Agricultural Research	2019	
857	Double Fibonacci spiral microstrip patch antenna for dual band applications	Meena A., Garhwal A., Ray K.	International Journal of Innovative Technology and Exploring Engineering	2019	
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859	Conceptual novel approaches for effective drug delivery system in nanomedicines	Kumar V., Pandey A., Kumar S., Lakhawat S.S.	International Journal of Pharmaceutical Research	2019	
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863	Software defined networking - Imposed security measures over vulnerable threats and attacks	Kaliyamurthy N.M., Taterh S., Shanmugasundaram S.	International Journal of Applied Metaheuristic Computing	2019	
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867	Intercluster link management for quality of service development by mitigating the hidden node problem in wireless sensor networks	Ravi R., Samikannu R., Venkatachary S.K., Diarra B.	Journal of Testing and Evaluation	2019	
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870	Nutritional and medicinal applications of Moringa oleifera Lam.—Review of current status and future possibilities	Gupta S., Jain R., Kachhwaha S., Kothari S.L.	Journal of Herbal Medicine	2018	74
871	Nanomaterials for agriculture, food and environment: applications, toxicity and regulation	Kaphle A., Navya P.N., Umapathi A., Daima H.K.	Environmental Chemistry Letters	2018	69
872	Organophosphorus pesticides residues in food and their colorimetric detection	Chawla P., Kaushik R., Shiva Swaraj V.J., Kumar N.	Environmental Nanotechnology, Monitoring and Management	2018	65
873	Advances in biosensors and optical assays for diagnosis and detection of malaria	Ragavan K.V., Kumar S., Swaraj S., Neethirajan S.	Biosensors and Bioelectronics	2018	52
874	Evaluation of oxidative stress and antioxidant status: Correlation with the severity of sepsis	Kumar S., Gupta E., Kaushik S., Kumar Srivastava V., Mehta S.K., Jyoti A.	Scandinavian Journal of Immunology	2018	43
875	Ultrasensitive sensor for detection of early stage chronic kidney disease in human	Desai D., Kumar A., Bose D., Datta M.	Biosensors and Bioelectronics	2018	31
876	Properties, variations, roles, and potential applications of epicuticular wax: A review	Sharma P., Kothari S.L., Rathore M.S., Gour V.S.	Turkish Journal of Botany	2018	29
877	Downscaling future climate change projections over Puerto Rico using a non-hydrostatic atmospheric model	Bhardwaj A., Misra V., Mishra A., Wootten A., Boyles R., Bowden J.H., Terando A.J.	Climatic Change	2018	21
878	Local onset and demise of the Indian summer monsoon	Misra V., Bhardwaj A., Mishra A.	Climate Dynamics	2018	19

879	Prediction of Software Reliability using Bio Inspired Soft Computing Techniques	Diwaker C., Tomar P., Poonia R.C., Singh V.	Journal of Medical Systems	2018	18
880	Metabolomic and biotechnological approaches to determine therapeutic potential of Withania somnifera (L.) Dunal: A review	Tripathi N., Shrivastava D., Ahmad Mir B., Kumar S., Govil S., Vahedi M., Bisen P.S.	Phytomedicine	2018	18
881	Routing protocols and security issues in MANET	Kumar S., Goyal M., Goyal D., Poonia R.C.	2017 International Conference on Infocom Technologies and Unmanned Systems: Trends and Future Directions, ICTUS 2017	2018	17
882	Compact design of modified pentagon shaped monopole antenna for UWB applications	Rawat S., Keshwala U., Ray K.	International Journal of Electrical and Electronic Engineering and Telecommunications	2018	17
883	Barriers to implementation of smart grids and virtual power plant in sub-saharan region—focus Botswana	V. S.K., Prasad J., Samikannu R.	Energy Reports	2018	17
884	Near room temperature bismuth and lithium co-substituted BaTiO ₃ relaxor ferroelectrics family	Borkar H., Rao V., Tomar M., Gupta V., Kumar A.	Journal of Alloys and Compounds	2018	16
885	Insight into the composition and surface corona reliant biological behaviour of quercetin engineered nanoparticles	Ugru M.M., Sheshadri S., Jain D., Madhyastha H., Madhyastha R., Maruyama M., Navya P.N., Daima H.K.	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2018	16
886	Effect of Diwali Firecrackers on Air Quality and Aerosol Optical Properties over Mega City (Delhi) in India	Sateesh M., Soni V.K., Raju P.V.S.	Earth Systems and Environment	2018	16
887	Electrochemical sensor for detection of mercury (II) ions in water using nanostructured bismuth hexagons	Gupta S., Singh R., Anoop M.D., Kulshrestha V., Srivastava D.N., Ray K., Kothari S.L., Awasthi K., Kumar M.	Applied Physics A: Materials Science and Processing	2018	16
888	Modern computational strategies for designing drugs to curb human diseases: A prospect	Dar K.B., Bhat A.H., Amin S., Hamid R., Anees S., Anjum S., Reshi B.A., Zargar M.A., Masood A., Ganie S.A.	Current Topics in Medicinal Chemistry	2018	15
889	Opposition learning based phases in artificial bee colony	Sharma T.K., Gupta P.	International Journal of System Assurance Engineering and Management	2018	14
890	Simulation of the intraseasonal variations of the Indian summer monsoon in a regional coupled ocean-atmosphere model	Misra V., Mishra A., Bhardwaj A.	Journal of Climate	2018	14
891	Multi reaction apparent kinetic scheme for the pyrolysis of large size biomass particles using macro-TGA	Sharma R., Sheth P.N.	Energy	2018	14
892	Microbial Bioprospecting for Sustainable Development	Singh J., Sharma D., Kumar G., Sharma N.R.	Microbial Bioprospecting for Sustainable Development	2018	14

893	Improved intelligent transport system for reliable traffic control management by adapting internet of things	Eswaraprasad R., Raja L.	2017 International Conference on Infocom Technologies and Unmanned Systems: Trends and Future Directions, ICTUS 2017	2018	13
894	Analytical solution of the nonlinear diffusion equation	Shanker Dubey R., Goswami P.	European Physical Journal Plus	2018	13
895	An Improved Spider Monkey Optimization Algorithm	Swami V., Kumar S., Jain S.	Advances in Intelligent Systems and Computing	2018	12
896	Neutrophil extracellular traps: Formation and involvement in disease progression	Kumar S., Gupta E., Kaushik S., Jyoti A.	Iranian Journal of Allergy, Asthma and Immunology	2018	12
897	Fractal and periodical biological antennas: Hidden topologies in DNA, wasps and retina in the eye	Singh P., Ocampo M., Lugo J.E., Doti R., Faubert J., Rawat S., Ghosh S., Ray K., Bandyopadhyay A.	Studies in Computational Intelligence	2018	11
898	Simulation of extreme rainfall event of November 2009 over Jeddah, Saudi Arabia: the explicit role of topography and surface heating	Almazroui M., Raju P.V.S., Yusef A., Hussein M.A.A., Omar M.	Theoretical and Applied Climatology	2018	11
899	A performance evaluation of routing protocols for vehicular ad hoc networks with swarm intelligence	Poonia R.C.	International Journal of System Assurance Engineering and Management	2018	11
900	OsPHR3 affects the traits governing nitrogen homeostasis in rice	Sun Y., Luo W., Jain A., Liu L., Ai H., Liu X., Feng B., Zhang L., Zhang Z., Guohua X., Sun S.	BMC Plant Biology	2018	11
901	Electrochemical hydrogen evolution and storage studies on bismuth nano hexagons	Gupta S., Singh R., Agarwal G., Ray K., Kothari S.L., Verma A.S., Saraswat V.K., Awasthi K., Kumar M.	International Journal of Hydrogen Energy	2018	11
902	Identification of key enablers for total productive maintenance (TPM) implementation in Indian SMEs: A graph theoretic approach	Jain A., Singh H., Bhatti R.S.	Benchmarking	2018	11
903	Secure Framework for Data Security in Cloud Computing	Mishra N., Sharma T.K., Sharma V., Vimal V.	Advances in Intelligent Systems and Computing	2018	10
904	DNA as an electromagnetic fractal cavity resonator: Its universal sensing and fractal antenna behavior	Singh P., Doti R., Lugo J.E., Faubert J., Rawat S., Ghosh S., Ray K., Bandyopadhyay A.	Advances in Intelligent Systems and Computing	2018	10
905	Opposition-Based Learning Embedded Shuffled Frog-Leaping Algorithm	Sharma T.K., Pant M.	Advances in Intelligent Systems and Computing	2018	10
906	Giant enhancement in ferroelectric polarization under illumination	Borkar H., Rao V., Tomar M., Gupta V., Scott J.F., Kumar A.	Materials Today Communications	2018	10
907	Characterizing the rainy season of Peninsular Florida	Misra V., Bhardwaj A., Mishra A.	Climate Dynamics	2018	10
908	A critical review of cyber security and cyber terrorism – threats to critical infrastructure in the energy sector	Kumar V.S., Prasad J., Samikannu R.	International Journal of Critical Infrastructures	2018	9
909	Stacked arrangement of meandered patches for biomedical applications	Jain L., Singh R., Rawat S., Ray K.	International Journal of System Assurance Engineering and Management	2018	9

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911	SIZ1-mediated SUMOylation during phosphate homeostasis in plants: Looking beyond the tip of the iceberg	Datta M., Kaushik S., Jyoti A., Mathur N., Kothari S.L., Jain A.	Seminars in Cell and Developmental Biology	2018	9
912	Cluster analysis of aerosol properties retrieved from a sky-radiometer over a coastal site: Thiruvananthapuram, India	Sateesh M., Soni V.K., Raju P.V.S., Mor V.	Atmospheric Pollution Research	2018	9
913	Effect of incorporation of oat flour on nutritional and organoleptic characteristics of bread and noodles	Chauhan D., Kumar K., Kumar S., Kumar H.	Current Research in Nutrition and Food Science	2018	9
914	Review Study of Navigation Systems for Indian Regional Navigation Satellite System (IRNSS)	Sharma K.P., Poonia R.C.	Advances in Intelligent Systems and Computing	2018	8
915	Design, simulation and fabrication of LTCC-based microhotplate for gas sensor applications	Kulhari L., Khanna P.K.	Microsystem Technologies	2018	8
916	Microbial metagenomics for industrial and environmental bioprospecting: The unknown envoy	Dhanjal D.S., Sharma D.	Microbial Bioprospecting for Sustainable Development	2018	8
917	The potential role of land cover on secular changes of the hydroclimate of Peninsular Florida	Misra V., Mishra A., Bhardwaj A., Viswanathan K., Schmutz D.	npj Climate and Atmospheric Science	2018	8
918	Continuous wavelet transform-based no-reference quality assessment of deblocked images	Joshi P., Prakash S., Rawat S.	Visual Computer	2018	8
919	Assessment of antimicrobial activity of hundreds extract of twenty Indian medicinal plants	Singh D.D.	Biomedical Research (India)	2018	7
920	'Nano-immuno test' for the detection of live Mycobacterium avium subspecies paratuberculosis bacilli in the milk samples using magnetic nano-particles and chromogen	Singh M., Singh S.V., Gupta S., Chaubey K.K., Stephan B.J., Sohal J.S., Dutta M.	Veterinary Research Communications	2018	7
921	Complexation of plasmid DNA and poly(ethylene oxide)/poly(propylene oxide) polymers for safe gene delivery	Daima H.K., Shankar S., Anderson A., Periasamy S., Bhargava S., Bansal V.	Environmental Chemistry Letters	2018	7
922	Aluminium fluoride induced changes in chlorophyll a fluorescence, antioxidants and psb a gene expression of brassica juncea cultivars	Sharma V., Yadav M., Kumari N.	Journal of Plant Interactions	2018	6
923	Preservation of microbial spoilage of food by biosurfactant-based coating	Sharma V., Garg M., Talukdar D., Thakur P., Henkel M., Sharma D., Kumar G.	Asian Journal of Pharmaceutical and Clinical Research	2018	6
924	A brain-like computer made of time crystal: Could a metric of prime alone replace a user and alleviate programming forever?	Reddy S., Sonker D., Singh P., Saxena K., Singh S., Chhajed R., Tiwari S., Karthik K.V., Ghosh S., Ray K., Bandyopadhyay A.	Studies in Computational Intelligence	2018	6
925	DTN-Enabled Routing Protocols and Their Potential Influence on Vehicular Ad Hoc Networks	Singh V., Saini G.L.	Advances in Intelligent Systems and Computing	2018	6

926	Centric-Oriented Novel Image Watermarking Technique Based on DWT and SVD	Ojha S., Sharma A., Chaturvedi R.	Advances in Intelligent Systems and Computing	2018	6
927	Improved differential evolution algorithm	Jain S., Kumar S., Sharma V.K., Sharma H.	2017 International Conference on Infocom Technologies and Unmanned Systems: Trends and Future Directions, ICTUS 2017	2018	6
928	Map matching approach for current location tracking on the road network	Sharma K.P., Poonia R.C., Sunda S.	2017 International Conference on Infocom Technologies and Unmanned Systems: Trends and Future Directions, ICTUS 2017	2018	6
929	Rapid biosynthesis and characterization of silver nanoparticles: an assessment of antibacterial and antimycotic activity	Kanawaria S.K., Sankhla A., Jatav P.K., Yadav R.S., Verma K.S., Velraj P., Kachhwaha S., Kothari S.L.	Applied Physics A: Materials Science and Processing	2018	6
930	Application of artificial neural networks for prediction of solar radiation for Botswana	Kumar V.S., Prasad J., Narasimhan V.L., Ravi S.	2017 International Conference on Energy, Communication, Data Analytics and Soft Computing, ICECDS 2017	2018	6
931	Identification of Age, Gender, Race & SMT (Scars, Marks, Tattoos) from Unconstrained Facial Images Using Statistical Techniques	Gupta R., Kumar S., Yadav P., Shrivastava S.	2018 International Conference on Smart Computing and Electronic Enterprise, ICSCEE 2018	2018	6
932	Production of transgenic local rice cultivars (Oryza sativa L.) for improved drought tolerance using Agrobacterium mediated transformation	Samara Shekar Reddy S., Singh B., Peter A.J., Venkateswar Rao T.	Saudi Journal of Biological Sciences	2018	6
933	Development of a functional fermented peanut-based cheese analog using probiotic bacteria	Sharma P., Sharma D., Amin A.	Biotechnologia	2018	5
934	Differential response of brassica juncea cultivars to al; consequences for chlorophyll a fluorescence, antioxidants and psb a gene	Kumari N., Yadav M., Sharma V.	Journal of Plant Interactions	2018	5
935	A GA-QMR: Genetic algorithm oriented MANET QoS multicast routing	Singh S., Koslia M., Poonia R.C.	Recent Patents on Computer Science	2018	5
936	Reliability of a gas turbine system with change in weather and optimisation of electricity price when working in single cycle	Rajesh, Taneja G., Prasad J.	International Journal of Agricultural and Statistical Sciences	2018	5
937	A perspective on zinc oxide based diluted magnetic semiconductors	Mukherji R., Mathur V., Mukherji M.	Journal of Nano- and Electronic Physics	2018	5
938	Impact of Dense Network in MANET Routing Protocols AODV and DSDV Comparative Analysis Through NS3	Paliwal G., Taterh S.	Advances in Intelligent Systems and Computing	2018	5

939	Agent based solution for dining philosophers problem	Bhargava D., Vyas S.	2017 International Conference on Infocom Technologies and Unmanned Systems: Trends and Future Directions, ICTUS 2017	2018	5
940	Remote based patient monitoring system using wearable sensors through online and offline mode for android based mobile platforms	Andrews L.J.B., Raja L.	2017 International Conference on Infocom Technologies and Unmanned Systems: Trends and Future Directions, ICTUS 2017	2018	5
941	Gender differences and political deliberations on social media	Jain P., Sodha D., Jain M.P.	Media Watch	2018	5
942	Identification of suitable internal control genes for transcriptional studies in <i>Eleusine coracana</i> under different abiotic stress conditions	Jatav P.K., Sharma A., Dahiya D.K., Khan A., Agarwal A., Kothari S.L., Kachhwaha S.	Physiology and Molecular Biology of Plants	2018	5
943	Characterization of the loss-of-function mutant NH101 for yield under phosphate deficiency from EMS-induced mutants of rice variety Nagina22	Yugandhar P., Sun Y., Liu L., Negi M., Nallamothu V., Sun S., Neelamraju S., Rai V., Jain A.	Plant Physiology and Biochemistry	2018	5
944	Lnc-EPB41-protein interactions associated with congenital pouch colon	Gupta S., Gupta N., Tiwari P., Menon S., Mathur P., Kothari S.L., Nallapeta S., Medicherla K.M., Suravajhala P.	Biomolecules	2018	5
945	Identification of suitable websites for digital marketing - An approach using bio-inspired computing	Kumar B.S., Bhargava D., Kar A.K., Igiri C.P.	International Journal of Engineering and Technology(UAE)	2018	4
946	Frequency fractal behavior in the retina nano-center-fed dipole antenna network of a human eye	Singh P., Doti R., Lugo J.E., Faubert J., Rawat S., Ghosh S., Ray K., Bandyopadhyay A.	Advances in Intelligent Systems and Computing	2018	4
947	Application of shuffled frog-leaping algorithm in regional air pollution control	Prakash D., Tripathi A., Sharma T.K.	Advances in Intelligent Systems and Computing	2018	4
948	Application of small scale renewable energy techniques in traditional buildings of Jaipur	Upadhyaya V., Sudhakaran P., Shukla A.K., Kumar S., Joshi B.	International Journal of Civil Engineering and Technology	2018	4
949	Unstrained PbSe/CdSe core shell nanostructures for broad band absorber and narrow band IR emitters	Mishra N., Nishad K.K., Mehto V.R., Rathore D., Pandey R.K.	Journal of Materials Science: Materials in Electronics	2018	4
950	Design of a portable luminescence bio-tool for on-site analysis of heavy metals in water samples	Mishra R.K., Rhouati A., Bueno D., Anwar M.W., Shahid S.A., Sharma V., Marty J.L., Hayat A.	International Journal of Environmental Analytical Chemistry	2018	4
951	Study of the hydrogenation and re-heating of Co-doped ZnO and In ₂ O ₃ Nano composites	Mukherji R., Mathur V., Samariya A., Mukherji M.	Advanced Composites and Hybrid Materials	2018	4
952	Simulation-based efficient analysis of radio propagation model using on-demand routing protocols in the Indian automotive networks	Poonia R.C., Dadhich R., Gao X.-Z.	International Journal of Autonomous and Adaptive Communications Systems	2018	3
953	Anatomy of fake news: On (mis)information and belief in the age of social media	Kalorth N., Verma M.	Journal of Content, Community and Communication	2018	3

954	Bio-valorization of dairy whey for bioethanol by stress-tolerant yeast	Sharma D., Manzoor M., Yadav P., Sohal J.S., Aseri G.K., Khare N.	Fungi and their Role in Sustainable Development: Current Perspective	2018	3
955	An era of micro irrigation - A priority driven approach to enhance the optimum utilization of water and a way towards "Intelligent farming"	Durugkar S.R., Poonia R.C.	Recent Patents on Computer Science	2018	3
956	Performance Evaluation and Statistical Analysis of AUR-Chord Algorithm with Default Working of Structured P2P Overlay Network	Saroliya A., Mishra U., Rana A.	Advances in Intelligent Systems and Computing	2018	3
957	Fractal information theory (FIT)-derived geometric musical language (GML) for brain-inspired hypercomputing	Agrawal L., Chhajed R., Ghosh S., Ghosh B., Ray K., Sahu S., Fujita D., Bandyopadhyay A.	Advances in Intelligent Systems and Computing	2018	3
958	Biological infrared antenna and radar	Singh P., Doti R., Lugo J.E., Faubert J., Rawat S., Ghosh S., Ray K., Bandyopadhyay A.	Advances in Intelligent Systems and Computing	2018	3
959	Trigonometric probability tuning in asynchronous differential evolution	Vaishali, Sharma T.K., Abraham A., Rajpurohit J.	Advances in Intelligent Systems and Computing	2018	3
960	Enhanced asynchronous differential evolution using trigonometric mutation	Vaishali, Sharma T.K., Abraham A., Rajpurohit J.	Advances in Intelligent Systems and Computing	2018	3
961	Role of decision tree in supplementing tacit knowledge for Hypothetico-Deduction in higher education	Gupta P., Mehrotra D., Sharma T.K.	International Journal of System Assurance Engineering and Management	2018	3
962	Biochemical isolation and characterization of Kojic acid derived from <i>Aspergillus oryzae</i> and <i>Aspergillus flavus</i>	Sudarshan L., Vikram K., Jignesh C., Nath P.A., Shailesh K.	Research Journal of Biotechnology	2018	3
963	Accurate Real-Time Location Map Matching Algorithm for Large Scale Trajectory Data	Sharma K.P., Poonia R.C., Sunda S.	2018 7th International Conference on Reliability, Infocom Technologies and Optimization: Trends and Future Directions, ICRITO 2018	2018	3
964	Microbial maceration: a sustainable approach for phytochemical extraction	Sharma B.R., Kumar V., Gat Y., Kumar N., Parashar A., Pinakin D.J.	3 Biotech	2018	3
965	Compact circular monopole antenna with band notch characteristics for UWB applications	Keshwala U., Rawat S., Ray K., Nair N., Yadav S.	2018 5th International Conference on Signal Processing and Integrated Networks, SPIN 2018	2018	3
966	To what extent is mindfulness training effective in enhancing self-esteem, self-regulation and psychological well-being of school going early adolescents?	Modi S., Joshi U., Narayanakurup D.	Journal of Indian Association for Child and Adolescent Mental Health	2018	3
967	Identification of potential inhibitors of sortase A: Binding studies, in-silico docking and protein-protein interaction studies of sortase A from <i>Enterococcus faecalis</i>	Das S., Srivastava V.K., Parray Z.A., Jyoti A., Islam A., Kaushik S.	International Journal of Biological Macromolecules	2018	3
968	Penetration of fluorescent silica nanoparticles into the cornea	Srinivas S.P., Chaiyasan W., Niamprem P., Wang Y., Kompella U.B., Majumdar D., Damale S., Babu D.R.R., Tiyaboonchai W.	Materials Today: Proceedings	2018	2

969	Real Time Location Tracking Map Matching Approaches for Road Navigation Applications	Sharma K.P., Poonia R.C., Sunda S.	Advances in Parallel Computing	2018	2
970	Estimating software reliability growth model parameters using opposition-based shuffled frog-leaping algorithm	Sharma T.K.	Studies in Computational Intelligence	2018	2
971	Speech recognition with combined MFCC, MODGDF and ZCPA features extraction techniques using NTN and MNTN conventional classifiers for Telugu language	Kumar A.P., Roy R., Rawat S., Chaturvedi R., Sharma A., Kumar C.S.	Advances in Intelligent Systems and Computing	2018	2
972	Study and Comparative Analysis of Various Image Spamming Techniques	Kumar J., Taterh S., Kamnathania D.	Advances in Intelligent Systems and Computing	2018	2
973	Telugu speech recognition using combined MFCC, MODGDF feature extraction techniques and MLP, TLRN classifiers	Kumar A.P., Roy R., Rawat S., Yadav A.K., Chaurasia A., Gupta R.K.	Advances in Intelligent Systems and Computing	2018	2
974	Isolation and characterization of mastitis pathogens and milk composition changes in Murrah buffaloes (<i>Bubalus bubalis</i>) during winter season	Thakur S., Singh M., Aseri G.K., Verma A., Khan S.S.	Indian Journal of Animal Research	2018	2
975	Time-fractional diffusion model on dynamical effect of dendritic cells on HIV pathogenesis	Samuel S., Gill V.	Journal of Computational Methods in Sciences and Engineering	2018	2
976	The GlucoCoper - A tool for the assessment of coping mechanisms	Kalra S., Balhara Y.P.S., Verma K., Kalra B.	European Endocrinology	2018	2
977	Characterization of Capacitance Standards at High Frequency at National Physical Laboratory, India	Satish, Swami J., Babita, John T.	Mapan - Journal of Metrology Society of India	2018	2
978	Computational linear model for predicting solar energy in Botswana	Kumar V.S., Prasad J., Samikannu R.	2017 International Conference on Energy, Communication, Data Analytics and Soft Computing, ICECDS 2017	2018	2
979	Diffusion-Chemotaxis Model of Effects of Cortisol on Immune Response to Human Immunodeficiency virus	Samuel S., Gill V.	Nonlinear Engineering	2018	2
980	Optimization of culture conditions for extracellular fungal lipase production by submerged fermentation process	Shreya, Sharma A.K., Sharma V., Saxena J.	Plant Science Today	2018	1
981	An assessment of growth and potential of self help group - Bank linkage programme in India	Gupta T., Singh U.B.	International Journal of Agricultural and Statistical Sciences	2018	1
982	A two way synchronized quantum channel quantum key distribution protocol	Kalra M., Poonia R.C.	Recent Patents on Computer Science	2018	1
983	Fast and efficient recovery of root node failure in spanning tree routing protocol	Nunia V., Poonia R.C.	Recent Patents on Computer Science	2018	1
984	Statistical analysis of impact of foreign exchange rates on BSE-Sensex	Gupta D.K., Bhardwaj A.K., Prasad J.	International Journal of Agricultural and Statistical Sciences	2018	1
985	Natural transform method to solve nonhomogeneous fractional ordinary differential equations	Samuel S., Gill V.	Progress in Fractional Differentiation and Applications	2018	1

986	Next-generation sequencing technologies as emergent tools and their challenges in viral diagnostic	Singh D.D.	Biomedical Research (India)	2018	1
987	Novel miniaturized microstrip patch antenna for body centric wireless communication in ISM band	Singh R., Kumari P., Singh P., Rawat S., Ray K.	Advances in Intelligent Systems and Computing	2018	1
988	Modified least significant bit algorithm of digital watermarking for information security	Somwanshi D., Chhipa I., Singhal T., Yadav A.	Advances in Intelligent Systems and Computing	2018	1
989	Design and analysis of fabricated rectangular microstrip antenna with defected ground structure for UWB applications	Toshniwal S., Mukherjee T., Bijawat P., Rawat S., Ray K.	Advances in Intelligent Systems and Computing	2018	1
990	Patient-Specific Modeling for Pattern Identification in Clinical Events Using Data Mining Models and Evolutionary Computing	Yadav S., Saroliya A.	Advances in Intelligent Systems and Computing	2018	1
991	Relevance index for inferred knowledge in higher education domain using data mining	Gupta P., Mehrotra D., Sharma T.K.	Advances in Intelligent Systems and Computing	2018	1
992	An Efficient Approach for the Synthesis of 1,1-bis(2-phenyl-3-indolyl)ethylene Using ZnO Nanocatalyst	Madan Y., Gupta R.	Journal of Heterocyclic Chemistry	2018	1
993	Design and analysis of reconfigurable antenna using PIN diodes for multi band WLAN applicaions	Dhakad S.K., Dwivedi U., Bhandari T.	Proceedings of the 2017 International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2017	2018	1
994	Status of johne's disease in buffalo population of malwa region using goat based indigenous elisa kit	Audarya S.D., Singh M., Stephen B.J., Sahzad, Chaubey K.K., Gupta S., Pachoori A., Jayaraman S., Aseri G.K., Sohal J.S., Bhatia A.K., Singh S.V.	Buffalo Bulletin	2018	1
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996	Study on mechanical and microstructure behavior of submerged arc welding flux using red mud	Dewangan R., Pandey P.K., Upadhyay R.	AIP Conference Proceedings	2018	1
997	Influence of active layer thickness on electrical properties of P3HT/n-Si based hybrid heterostructure	Gundimeda A., Mishra M., Ahmad R., Srivastava R., Dwivedi U.K., Gupta G.	Indian Journal of Pure and Applied Physics	2018	1
998	Design of a miniaturized microstrip patch antenna for triple-band operation in X, Ku and K band with band-notch characteristics	Dhakad S.K., Prasad A., Dwivedi U.	IEEE International Conference on Power, Control, Signals and Instrumentation Engineering, ICPCSI 2017	2018	1
999	A review on a heavy metal (arsenic) contamination in ground water, soil and translocation in plants	Kumar R., Das Mukherji M., Chakraborty S., Mukherji R.	Indian Journal of Environmental Protection	2018	1
1000	Handling Insulin-Related Emotions	Kalra S., Verma K.	Diabetes Therapy	2018	1

1001	Identification of point mutation in TLR2 gene and its association with mastitis in water buffalo	Thakur S., Singh M., Aseri G.K., Verma A., Vineeth M.R., Rayees M., Arya A.	Indian Journal of Animal Research	2018	1
1002	Microbial biosurfactants: Future active food ingredients	Sharma V., Sharma D.	Microbial Bioprospecting for Sustainable Development	2018	1
1003	Bio-fabrication of silver nanoparticles by Pseudomonas aeruginosa: Optimisation and antibacterial activity against selected waterborne human pathogens	Bhatt D., Gupta E., Kaushik S., Srivastava V.K., Saxena J., Jyoti A.	IET Nanobiotechnology	2018	1
1004	A simple dynamic model that accounts for regulation of neuronal polarity	Lugo J.E., Mejia-Romero S., Doti R., Ray K., Kothari S.L., Withers G.S., Faubert J.	Journal of Integrative Neuroscience	2018	1
1005	Role of dre1a gene in triticum aestivum l. Seeds treated with different elicitors to delay drought stress	Thakur A., Kumari N., Sharma V.	Research on Crops	2018	1
1006	A slotted microstrip antenna with fractal design for surveillance based radar applications in X- band	Dhakad S.K., Dwivedi U., Rawat S., Agarwal Y., Joshi A.	International Journal of Engineering and Technology(UAE)	2018	
1007	Characterizing and functional assignment of noncoding RNAs	Tiwari P., Gupta S., Kumar A., Sharma M., Sundararajan V.S., Kothari S.L., Mathur S.K., Medicherla K.M., Suravajhala P., Malik B.	Encyclopedia of Bioinformatics and Computational Biology: ABC of Bioinformatics	2018	
1008	Construction of partially balanced residual treatment effects designs for comparing test treatment with a control	Raj S., Ghosh D.K., Prasad J.	International Journal of Agricultural and Statistical Sciences	2018	
1009	Special issue on smart technologies in engineering-PART 1	Poonia R.C., Singh V., Raja L.	Recent Patents on Computer Science	2018	
1010	Biochemical screening of different Arachis hypogea L. (Angiosperms: Fabaceae) cultivars against Fusarium wilt	Gupta S., Sharma V., Alam A.	Plant Cell Biotechnology and Molecular Biology	2018	
1011	The Islamic World in El amante liberal by Cervantes [El mundo islámico en El amante liberal de Cervantes]	Mishra S.	Hipogrifo	2018	
1012	Statistical comparison between selected public and private sector banks with regards to increase in nonperforming asset	Sharma S., Rathore D.S., Prasad J.	International Journal of Agricultural and Statistical Sciences	2018	
1013	A cross-diffusion model of effects of norepinephrine on immune response to human immunodeficiency virus	Samuel S., Gill V.	International Journal of Computing Science and Mathematics	2018	
1014	Design process of a compact UWB slotted planar monopole antenna by introduction of slots	Dhakad S.K., Dwivedi U., Rawat S., Gupta A., Tank K.	Journal of Advanced Research in Dynamical and Control Systems	2018	
1015	Design of planar monopole UWB antenna with modified slotted-patch	Dhakad S.K., Dwivedi U., Rawat S., Rege L., Shah A.	Journal of Advanced Research in Dynamical and Control Systems	2018	
1016	Synthesis, characterization and biological activities of mercury(II) ternary complexes of 2-substituted benzothiazoles derivatives	Chauhan M.S., Yadav M.K., Sharma A., Binani S., Lamba N.P.A.L.	Asian Journal of Chemistry	2018	
1017	Alpha-1 antitrypsin (AAT) and C-reactive protein (CRP) in interstitial lungs diseases	Singh D.D.	Biomedical Research (India)	2018	

1018	The GlucoCoper - A tool for the assessment of coping mechanisms	Kalra S., Balhara Y.P.S., Verma K., Kalra B.	US Endocrinology	2018	
1019	Identification of suitable websites for digital marketing - An approach using bio-inspired computing	Kumar, B.S., Bharghava, D., Kar, A.K., Igiri, C.P.	International Journal of Engineering and Technology(UAE)	2018	
1020	Influence of different culture media on embryo development following in vitro fertilization of caprine oocytes	Yadav P., Kharche S.D., Goel A.K., Jindal S.K.	Indian Journal of Animal Sciences	2018	
1021	Micronutrient formulations for prevention of complications of pregnancy	Singh R., Mishra S., Kumar S., Tiwari A.M., De Meester F., Goyal R.K., Kartikey K., Singh M.	Frontiers in Bioscience - Scholar	2018	
1022	The sixth vital sign in diabetes	Kalra S., Verma K., Singh Balhara Y.P.	Journal of the Pakistan Medical Association	2018	
1023	Preface	Pant M., Ray K., Sharma T.K., Rawat S., Bandyopadhyay A.	Advances in Intelligent Systems and Computing	2018	
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1025	Optimization of compressive strength of polymer composite brick using Taguchi method	Rajput N.S., Shukla D.D., Ishan L., Sharma T.K.	Advances in Intelligent Systems and Computing	2018	
1026	A Comparative Analysis of Various Vulnerabilities Occur in Google Chrome	Manhas S., Taterh S.	Advances in Intelligent Systems and Computing	2018	
1027	Compact half-hexagonal monopole planar antenna for UWB applications	Keshwala U., Rawat S., Ray K.	Advances in Intelligent Systems and Computing	2018	
1028	Comparison and selection of SaaS service providers using ASMAN framework	Dadhich M., Rathore V.S., Vyas S.	2017 International Conference on Infocom Technologies and Unmanned Systems: Trends and Future Directions, ICTUS 2017	2018	
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1030	Introduction to the special section on Smart Computing and Algorithms	Poonia R.C., Gao X.-Z.	Computers and Electrical Engineering	2018	
1031	Exploring Gender Differences in Indian Urban Youth's Internet Usage	Chandel P.K., Lakhani P.K.	ACM International Conference Proceeding Series	2018	
1032	Coping with illness: Insight from the Bhagavad Gita	Kalra B., Joshi A., Kalra S., Shanbhag V.G., Kunwar J., Balhara Y.P.S., Chaudhary S., Khandelwal D., Aggarwal S., Priya G., Verma K., Baruah M.P., Sahay R., Bajaj S., Agrawal N., Pathmanathan S., Prasad I., Chakraborty A., Ram N.	Indian Journal of Endocrinology and Metabolism	2018	

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1034	Adaptation of subtests of kaufman assessment battery for children, second edition for Gujarati pre-school children	Patel D., Gopalan R., Nimbalkar S.	Indian Journal of Psychological Medicine	2018	
1035	Practical aspects of smart gardening system based on priority driven scheduling to utilize resources at optimum level	Durugkar S.R., Poonia R.C.	ICIC Express Letters, Part B: Applications	2018	
1036	Lead Bioremediation using spinach (<i>Spinacia oleracea</i> L.)	Kumar R., Palecha H., Sharma P., Mukherji M.D.	Indian Journal of Environmental Protection	2018	
1037	Author Correction: The potential role of land cover on secular changes of the hydroclimate of Peninsular Florida (npj Climate and Atmospheric Science, (2018), 1, 1, (5), 10.1038/s41612-018-0016-x)	Misra V., Mishra A., Bhardwaj A., Viswanathan K., Schmutz D.	npj Climate and Atmospheric Science	2018	
1038	Relationship between attachment style and body mass index of children using ex-post facto research design	Pareek A., Joshi U.	Journal of Clinical and Diagnostic Research	2018	
1039	Classification of 5' and 3' untranslated regions in human transcriptome by machine learning methods	Shailesh K., Sumit G., Vikram K., Sumita K., Kothari S.L.	Research Journal of Biotechnology	2018	
1040	Evaluation of Carbon Sequestration Potential in Amla (<i>Emblca officinalis</i> Gaertn.) Orchards in Semi-arid Region of India	Wankhede S., Saini M.K., Kothari S.L., Bala N., Singh G., Gour V.S.	Proceedings of the National Academy of Sciences India Section B - Biological Sciences	2018	
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1042	Glossary of metaheuristic algorithms	Rajpurohit J., Sharma T.K., Abraham A., Vaishali	International Journal of Computer Information Systems and Industrial Management Applications	2017	80
1043	Antibacterial synergy of silver nanoparticles with gentamicin and chloramphenicol against <i>Enterococcus faecalis</i>	Katva S., Das S., Moti H.S., Jyoti A., Kaushik S.	Pharmacognosy Magazine	2017	55
1044	Shuffled artificial bee colony algorithm	Sharma T.K., Pant M.	Soft Computing	2017	41
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1047	RAPD and ISSR marker assessment of genetic diversity in <i>Citrullus colocynthis</i> (L.) Schrad: a unique source of germplasm highly adapted to drought and high-temperature stress	Verma K.S., ul Haq S., Kachhwaha S., Kothari S.L.	3 Biotech	2017	33
1048	Opposition based learning ingrained shuffled frog-leaping algorithm	Sharma T.K., Pant M.	Journal of Computational Science	2017	29

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1053	Economic impacts of cyber security in energy sector: A review	Venkatachary S.K., Prasad J., Samikannu R.	International Journal of Energy Economics and Policy	2017	13
1054	Overview, issues and prevention of energy theft in smart grids and virtual power plants in Indian context	Kumar V. S., Prasad J., Samikannu R.	Energy Policy	2017	12
1055	Effect of cadmium on physiological parameters of cereal and millet plants—A comparative study	Asopa P.P., Bhatt R., Sihag S., Kothari S.L., Kachhwaha S.	International Journal of Phytoremediation	2017	12
1056	Medical images texture analysis: A review	Shahabaz, Somwanshi D.K., Yadav A.K., Roy R.	2017 International Conference on Computer, Communications and Electronics, COMPTELIX 2017	2017	12
1057	Influence of amino acid corona, metallic core and surface functionalisation of nanoparticles on their in-vitro biological behaviour	Monnappa K.J.S., Firdose N., Shree G.M., Nath K., Navya P.N., Daima H.K.	International Journal of Nanotechnology	2017	11
1058	Preparation and Characterization of Barium Titanate Composite Film	Singh S., Dey S.S., Singh S., Kumar N.	Materials Today: Proceedings	2017	11
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1060	Gene Specific DNA Sensors for Diagnosis of Pathogenic Infections	Datta M., Desai D., Kumar A.	Indian Journal of Microbiology	2017	10
1061	FE Analysis of Impact on Kevlar/Epoxy Laminates with Different Orientations and Thicknesses	Sikarwar R.S., Rajput N.S., Velmurugan R., Naik S.	Materials Today: Proceedings	2017	9
1062	Flavonoids from Heliotropium subulatum exudate and their evaluation for antioxidant, antineoplastic and cytotoxic activities II	Singh B., Sahu P.M., Sharma R.A.	Cytotechnology	2017	9
1063	Distribution in the placement of food in artificial bee colony based on changing factor	Sharma T.K., Pant M.	International Journal of System Assurance Engineering and Management	2017	8
1064	Cost optimization of micro grids using homer: A case study in Botswana	Venkatachary S.K., Prasad J., Samikannu R.	International Journal of Energy Economics and Policy	2017	7

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1067	Molecular modeling and structure-based drug discovery approach reveals protein kinases as off-targets for novel anticancer drug RH1	Gupta P.P., Bastikar V.A., Kuciauskas D., Kothari S.L., Cicenias J., Valius M.	Medical Oncology	2017	6
1068	In vitro and in vivo evaluation of flavonoids from Heliotropium ellipticum exudate for antioxidant, antineoplastic and cytotoxic activities II	Singh B., Sahu P.M., Sharma R.A.	Indian Journal of Pharmaceutical Sciences	2017	6
1069	The sixth vital sign in diabetes	Kalra S., Verma K., Balhara Y.P.S.	Journal of the Pakistan Medical Association	2017	6
1070	Design and performance analysis of low profile miniaturized MSPAs for body centric wireless communication in ISM band	Singh R., Kumari P., Rawat S., Singh P., Ray K.	International Journal of Computer Information Systems and Industrial Management Applications	2017	5
1071	Challenges, opportunities and profitability in virtual power plant business models in Sub Saharan Africa - Botswana	Venkatachary S.K., Prasad J., Samikannu R.	International Journal of Energy Economics and Policy	2017	5
1072	Biogenic synthesis of silver nanoparticles and its potential application in prevention of acute ear infections	Dixit A., Das S., Jyoti A., Kaushik S.	Journal of Pharmaceutical Sciences and Research	2017	5
1073	Satellite-based technique for nowcasting of thunderstorms over Indian region	Goyal S., Kumar A., Mohapatra M., Rathore L.S., Dube S.K., Saxena R., Giri R.K.	Journal of Earth System Science	2017	5
1074	Measurement Automation to Implement Evaluation Procedure of Four-Terminal-Pair Capacitance Standards Using S-Parameters	Satish, Babita, Khurana B., John T.	Mapan - Journal of Metrology Society of India	2017	5
1075	Performance evaluation of diesel engine using biodiesel fuel derived from waste cooking refined soyabean oil	Sharma S.K., Shukla D.D., Khatri K.K., Rajput N.S.	International Journal of Mechanical and Production Engineering Research and Development	2017	5
1076	Structural and thermodynamic characterization of metal binding in Vps29 from Entamoeba histolytica: implication in retromer function	Srivastava V.K., Yadav R., Watanabe N., Tomar P., Mukherjee M., Gourinath S., Nakada-Tsukui K., Nozaki T., Datta S.	Molecular Microbiology	2017	5
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1079	New mathematical model for software quality prediction of component-based software using shuffled frog-leaping algorithm	Panwar D., Tomar P.	International Journal of Computer Applications in Technology	2017	4

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1082	Dual solutions of forced convection flow along a stretching sheet with variable thickness in presence of free stream and magnetic field	Mishra U., Singh G.	Sains Malaysiana	2017	4
1083	An alternative diagnostic design for chronic kidney disease detection based on cystatin C	Stephen B.J., Desai D., Datta M.	Asian Journal of Pharmaceutical and Clinical Research	2017	4
1084	Design of Low Cost Broadband Ultrasonic Pulser–Receiver	Sharma K., Singh S., Dubey P.K.	Mapan - Journal of Metrology Society of India	2017	4
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1088	Experimental Study and Mathematical Modeling for Extrusion using High Density Polyethylene	Chaturvedi E., Rajput N.S., Upadhyaya S., Pandey P.K.	Materials Today: Proceedings	2017	3
1089	Therapeutic management of incurable paratuberculosis using 'indigenous vaccine' in goatherds, endemically infected with johne's disease	Singh S.V., Gupta S., Chaubey K.K., Bhushan S., Rawat K.D., Kumar N., Tiwari H.A., Chaturvedi V., Sohal J.S., Dhama K., Hemati Z.	International Journal of Pharmacology	2017	3
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1091	Broadband stair shaped micro strip patch antenna for C-band applications	Shukla A.W.M., Chanu T.R., Rawat S., Ray K., Singh P.	India International Conference on Information Processing, IICIP 2016 - Proceedings	2017	3
1092	Migration and development: Rural-to-urban temporary migration to Gujarat	Hirway I., Singh U.B.	Rural Labour Mobility in Times of Structural Transformation: Dynamics and Perspectives from Asian Economies	2017	3
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1096	Assessment of the H2 followed by air sintering of co-doped In2O3 based diluted magnetic semiconductors	Mukherji R., Mathur V., Samariya A., Mukherji M.	Journal of Nano- and Electronic Physics	2017	2
1097	Thyro-stress	Kalra S., Verma K., Balhara Y.P.S.	Indian Journal of Endocrinology and Metabolism	2017	2
1098	Bio-inspired built environments for climate change: Developing strategies for adaptation and mitigation	Sudhakaran P., Singh J., Kumar S., Joshi B.	International Journal of Civil Engineering and Technology	2017	2
1099	Validation of advanced dvorak technique (ADT) over North Indian ocean	Goyal S., Mohapatra M., Kumari P., Dube S.K., Rajendra K.	Mausam	2017	2
1100	Software quality assurance using firefly optimization algorithm	Tomar P., Panwar D., Siddique M.H.	Communication and Computing Systems - Proceedings of the International Conference on Communication and Computing Systems, ICCCS 2016	2017	1
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1106	Comparison of heat transfer performance of Shell & Tube Heat Exchanger and double pipe heat exchanger for CNT/water nanofluid	Rajput N.S., Singh R., Ishan L., Jain A., Sharma S.K.	International Journal of Mechanical Engineering and Robotics Research	2017	1
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1113	Construction of pairwise balanced design	Sharma J., Prasad J., Ghosh D.K.	International Journal of Agricultural and Statistical Sciences	2017	
1114	Case study on WSN based smart home garden with priority driven approach	Durugkar S.R., Poonia R.C., Naik R.B.	Journal of Cases on Information Technology	2017	
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