

Sandeep Kumar

List of Publications by Year in descending order

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455
papers

8,967
citations

61984

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95266

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all docs

473
docs citations

473
times ranked

8654
citing authors

#	ARTICLE	IF	CITATIONS
1	Memetic Spider Monkey Optimization for Spam Review Detection Problem. <i>Big Data</i> , 2023, 11, 137-149.	3.4	7
2	Towards an intrusion detection system for detecting web attacks based on an ensemble of filter feature selection techniques. <i>Cyber-Physical Systems</i> , 2023, 9, 244-259.	2.0	8
3	Fabrication of energy storage EDLC device based on self-synthesized TiO ₂ nanowire dispersed polymer nanocomposite films. <i>Polymer Bulletin</i> , 2022, 79, 4701-4719.	3.3	11
4	Machine learning for cooperative spectrum sensing and sharing: A survey. <i>Transactions on Emerging Telecommunications Technologies</i> , 2022, 33, e4352.	3.9	29
5	A feature reduction based reflected and exploited DDoS attacks detection system. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2022, 13, 393-405.	4.9	36
6	On the Schrödinger map for regular helical polygons in the hyperbolic space. <i>Nonlinearity</i> , 2022, 35, 84-109.	1.4	0
7	Quantitative analysis of ceria co-doped with samarium and gadolinium using laser-induced breakdown spectroscopy. <i>Analytical Methods</i> , 2022, , .	2.7	5
8	Narrowband internet of things: analysis of frame structure, NPSS sequence generation and detection. <i>International Journal of Systems, Control and Communications</i> , 2022, 13, 67.	0.3	0
9	Fractional-Order Euler–Lagrange Dynamic Formulation and Control of Asynchronous Switched Robotic Systems. <i>Advances in Intelligent Systems and Computing</i> , 2022, , 479-490.	0.6	3
10	Development of a Highly Specific, Selective, and Sensitive Fluorescent Probe for Detection of Mycobacteria in Human Tissues. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102640.	7.6	3
11	Breast cancer stem cell population in different molecular subtypes of breast cancer. <i>Breast Disease</i> , 2022, 41, 199-203.	0.8	4
12	Optical and Low-Temperature Magnetocaloric Properties of HoCr _{0.5} Mn _{0.5} O ₃ Compound. <i>Journal of Superconductivity and Novel Magnetism</i> , 2022, 35, 625-633.	1.8	3
13	Plant Identification Using Fitness-Based Position Update in Whale Optimization Algorithm. <i>Computers, Materials and Continua</i> , 2022, 71, 4719-4736.	1.9	4
14	Feasibility of laser-induced breakdown spectroscopy as a direct raw bile analysis tool for screening of gallbladder cancer. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 823-832.	3.0	6
15	A K/Ka-Band Switchless Reconfigurable 65 nm CMOS LNA Based on Suspended Substrate Coupled Line. <i>IEEE Access</i> , 2022, 10, 33449-33464.	4.2	3
16	Two-Step Partial Least Squares-Discriminant Analysis Modeling for Accurate Classification of Edible Sea Salt Products Using Laser-Induced Breakdown Spectroscopy. <i>Applied Spectroscopy</i> , 2022, 76, 1042-1050.	2.2	6
17	Expression of Proteinase-activated Receptor 2 (PAR2) as a Correlate of Concern in Triple-negative Breast Cancer (TNBC). <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2022, 30, 446-452.	1.2	1
18	Three dimensional objects recognition & pattern recognition technique; related challenges: A review. <i>Multimedia Tools and Applications</i> , 2022, 81, 17303-17346.	3.9	12

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19	Immobilization of catalase on functionalized magnetic nanoparticles: a statistical approach. 3 Biotech, 2022, 12, 108.	2.2	0
20	Predicting reliability of software in industrial systems using a Petri net based approach: A case study on a safety system used in nuclear power plant. Information and Software Technology, 2022, 146, 106895.	4.4	6
21	Vortex Filament Equation for a Regular Polygon in the Hyperbolic Plane. Journal of Nonlinear Science, 2022, 32, 9.	2.1	2
22	Efficient Channel Prediction Technique Using AMC and Deep Learning Algorithm for 5G (NR) mMTC Devices. IEEE Access, 2022, 10, 45053-45060.	4.2	5
23	In vitro effect of PIK3CA/mTOR inhibition in triple-negative breast cancer subtype cell lines. Breast Disease, 2022, 41, 241-247.	0.8	2
24	Laser-Crystallized Epitaxial Germanium on Silicon-Based Near-Infrared Photodetector. IEEE Sensors Journal, 2022, 22, 11682-11689.	4.7	3
25	Towards a super-resolution based approach for improved face recognition in low resolution environment. Multimedia Tools and Applications, 2022, 81, 38887-38919.	3.9	9
26	Semantic Analysis and Topic Modelling of Web-Scrapped COVID-19 Tweet Corpora through Data Mining Methodologies. Healthcare (Switzerland), 2022, 10, 881.	2.0	8
27	Applications of deep learning for phishing detection: a systematic literature review. Knowledge and Information Systems, 2022, 64, 1457-1500.	3.2	30
28	Efficient 3D AlexNet Architecture for Object Recognition Using Syntactic Patterns from Medical Images. Computational Intelligence and Neuroscience, 2022, 2022, 1-19.	1.7	24
29	Review on secure traditional and machine learning algorithms for age prediction using IRIS image. Multimedia Tools and Applications, 2022, 81, 35503-35531.	3.9	8
30	Chronicle updates in cyclodextrin-based carriers for drug delivery. Bulletin of the National Research Centre, 2022, 46, .	1.8	3
31	Object detection and recognition using contour based edge detection and fast R-CNN. Multimedia Tools and Applications, 2022, 81, 42183-42207.	3.9	20
32	Face Spoofing, Age, Gender and Facial Expression Recognition Using Advance Neural Network Architecture-Based Biometric System. Sensors, 2022, 22, 5160.	3.8	49
33	Improved Gbest artificial bee colony algorithm for the constraints optimization problems. Evolutionary Intelligence, 2021, 14, 1271-1277.	3.6	9
34	A Classification Based Web Service Selection Approach. IEEE Transactions on Services Computing, 2021, 14, 315-328.	4.6	33
35	Descriptive analysis of COVID-19 patients in the context of India. Journal of Interdisciplinary Mathematics, 2021, 24, 489-504.	0.7	111
36	Automated soil prediction using bag-of-features and chaotic spider monkey optimization algorithm. Evolutionary Intelligence, 2021, 14, 293-304.	3.6	73

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37	An Adaptive Technique to Detect and Remove Shadow from Drone Data. Journal of the Indian Society of Remote Sensing, 2021, 49, 491-498.	2.4	9
38	A study on evolutionary computing based web service selection techniques. Artificial Intelligence Review, 2021, 54, 1117-1170.	15.7	6
39	Composite right/left-handed ultra-wideband metamaterial antenna with improved gain. Microwave and Optical Technology Letters, 2021, 63, 188-195.	1.4	6
40	Bile Acid Tethered Docetaxel-Based Nanomicelles Mitigate Tumor Progression through Epigenetic Changes. Angewandte Chemie - International Edition, 2021, 60, 5394-5399.	13.8	13
41	On the performance of DF-based multi-hop system over $\hat{\Gamma}_d \sim \alpha^{-1/4}$ and $\hat{\Gamma}_d \sim \alpha^{-1/4}$ -extreme fading channels 102909.		
42	Bile Acid Tethered Docetaxel-Based Nanomicelles Mitigate Tumor Progression through Epigenetic Changes. Angewandte Chemie, 2021, 133, 5454-5459.	2.0	0
43	An empirical study of ensemble techniques for software fault prediction. Applied Intelligence, 2021, 51, 3615-3644.	5.3	22
44	Surface and luminescent properties of Mg ₃ (PO ₄) ₂ :Dy ³⁺ phosphors. Optik, 2021, 225, 165717.	2.9	18
45	Majorization-Minimization on the Stiefel Manifold With Application to Robust Sparse PCA. IEEE Transactions on Signal Processing, 2021, 69, 1507-1520.	5.3	10
46	Self-assembled supramolecular nanomicelles from a bile acid-docetaxel conjugate are highly tolerable with improved therapeutic efficacy. Biomaterials Science, 2021, 9, 5626-5639.	5.4	4
47	Investigations and optimization of rotary tool micro-USM process for fabrication of microchannels. Materials Today: Proceedings, 2021, 45, 4993-4997.	1.8	0
48	A 61.2-dB $\hat{\circ}$, 100 Gb/s Ultra-Low Noise Graphene TIA over D-Band Performance for 5G Optical Front-End Receiver. Journal of Infrared, Millimeter, and Terahertz Waves, 2021, 42, 239-259.	2.2	2
49	bSSA: Binary Salp Swarm Algorithm With Hybrid Data Transformation for Feature Selection. IEEE Access, 2021, 9, 14867-14882.	4.2	57
50	A hydrogel-based implantable multidrug antitubercular formulation outperforms oral delivery. Nanoscale, 2021, 13, 13225-13230.	5.6	5
51	Face spoofing detection using improved SegNet architecture with a blur estimation technique. International Journal of Biometrics, 2021, 13, 131.	0.4	14
52	A Survey on Solution of Imbalanced Data Classification Problem Using SMOTE and Extreme Learning Machine. Lecture Notes in Networks and Systems, 2021, , 31-44.	0.7	3
53	Performance Analysis of Non-identical Cascaded α - μ Fading Channels. Wireless Personal Communications, 2021, 116, 3553-3566.	2.7	4
54	Recent advances in the application of tetrabromomethane in organic synthesis. Organic Chemistry Frontiers, 2021, 8, 4288-4314.	4.5	13

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55	Outbreak of Respiratory Infection: nCoV-2019 Current Status and Its Impact on Global Health. Current Respiratory Medicine Reviews, 2021, 16, 156-164.	0.2	1
56	Predicting of Open Source Software Component Reusability Level Using Object-Oriented Metrics by Taguchi Approach. International Journal of Software Engineering and Knowledge Engineering, 2021, 31, 147-166.	0.8	5
57	Performance investigation of PID controller in trajectory control of two-link robotic manipulator in medical robots. Journal of Interdisciplinary Mathematics, 2021, 24, 467-478.	0.7	29
58	A comparative study of the structural, optical, magnetic and magnetocaloric properties of HoCrO ₃ and HoCr _{0.85} Mn _{0.15} O ₃ orthochromites. Ceramics International, 2021, 47, 7386-7397.	4.8	13
59	Improving Analytical Performance of Laser-Induced Breakdown Spectroscopy for Strontium, the Minor Impurity Element, in Salts Using Multiple Filter-Paper Sampling. Bulletin of the Korean Chemical Society, 2021, 42, 779-785.	1.9	10
60	Software fault prediction based on the dynamic selection of learning technique: findings from the eclipse project study. Applied Intelligence, 2021, 51, 8945-8960.	5.3	7
61	Unified approach to effective capacity for generalised fading channels. Physical Communication, 2021, 45, 101278.	2.1	5
62	A comprehensive survey of physical layer security over fading channels: Classifications, applications, and challenges. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4270.	3.9	12
63	Combined heterogeneity in cell size and deformability promotes cancer invasiveness. Journal of Cell Science, 2021, 134, .	2.0	20
64	A 64-dB, 25-Gb/s GFET based transimpedance amplifier with UWB resonator for optical radar detection in medical applications. Microelectronics Journal, 2021, 111, 105026.	2.0	4
65	Multi-Level Image Segmentation of Color Images Using Opposition Based Improved Firefly Algorithm. Recent Advances in Computer Science and Communications, 2021, 14, 521-539.	0.7	5
66	Stochastic filtering based transmissibility estimation of novel coronavirus. , 2021, 112, 103001.		6
67	Combination of diffuse optical reflectance spectroscopy and laser-induced breakdown spectroscopy for accurate classification of edible salts. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2021, 179, 106088.	2.9	7
68	A Comparative Analysis of Machine Learning Algorithms for Detection of Organic and Nonorganic Cotton Diseases. Mathematical Problems in Engineering, 2021, 2021, 1-18.	1.1	51
69	Analysis and predictions of spread, recovery, and death caused by COVID-19 in India. Big Data Mining and Analytics, 2021, 4, 65-75.	8.9	105
70	COVID-19 Pandemic: Care for Indian Cancer Patients. Coronaviruses, 2021, 2, 403-404.	0.3	0
71	A Paired Learner-Based Approach for Concept Drift Detection and Adaptation in Software Defect Prediction. Applied Sciences (Switzerland), 2021, 11, 6663.	2.5	5
72	Complete Genome Sequences of Three Clostridiales R-7 Group Strains Isolated from the Bovine Rumen in New Zealand. Microbiology Resource Announcements, 2021, 10, e0031021.	0.6	1

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73	Univariate and multivariate analyses of Gd in gadolinia-doped ceria using laser-induced breakdown spectroscopy. <i>Optik</i> , 2021, 240, 166909.	2.9	6
74	An efficient feature reduction method for the detection of DoS attack. <i>ICT Express</i> , 2021, 7, 371-375.	4.8	31
75	Nonimmunogenic Hydrogel-Mediated Delivery of Antibiotics Outperforms Clinically Used Formulations in Mitigating Wound Infections. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 44041-44053.	8.0	6
76	Multivariate stoichiometric analysis of gadolinium-doped ceria using low-power low-resolution laser-induced breakdown spectroscopy. <i>Optik</i> , 2021, 247, 167919.	2.9	4
77	Effect of process parameters on tensile strength of Friction stir welded butt joints of thick AA1350 aluminum plates using Taguchi experimental design. <i>Materials Today: Proceedings</i> , 2021, 44, 2721-2725.	1.8	2
78	A smart application to detect pupil for small dataset with low illumination. <i>Innovations in Systems and Software Engineering</i> , 2021, 17, 29-43.	2.1	12
79	Mango Functional Genomics. <i>Compendium of Plant Genomes</i> , 2021, , 195-217.	0.5	1
80	Spider Monkey Crow Optimization Algorithm With Deep Learning for Sentiment Classification and Information Retrieval. <i>IEEE Access</i> , 2021, 9, 24249-24262.	4.2	37
81	Molecular Subtyping of Triple Negative Breast Cancer by Surrogate Immunohistochemistry Markers. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2021, 29, 251-257.	1.2	9
82	A novel wide bandwidth FBSSIR integrated low noise amplifier for satellite navigational receiver system. <i>Microelectronics Journal</i> , 2021, 117, 105288.	2.0	1
83	Review on Evaluation of Renewable Bioenergy Potential for Sustainable Development: Bright Future in Energy Practice in India. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 16007-16030.	6.7	29
84	Scene Text Recognition Based on Bidirectional LSTM and Deep Neural Network. <i>Computational Intelligence and Neuroscience</i> , 2021, 2021, 1-11.	1.7	12
85	Object-Based Image Retrieval Using the U-Net-Based Neural Network. <i>Computational Intelligence and Neuroscience</i> , 2021, 2021, 1-14.	1.7	53
86	Early Identification and Detection of Driver Drowsiness by Hybrid Machine Learning. <i>IEEE Access</i> , 2021, 9, 162805-162819.	4.2	25
87	Improved Feature Selection Method for the Identification of Soil Images Using Oscillating Spider Monkey Optimization. <i>IEEE Access</i> , 2021, 9, 167128-167139.	4.2	6
88	Enhanced SBIR based Re-Ranking and Relevance Feedback. , 2021, , .		11
89	A Review on Organic Cotton: Various Challenges, Issues and Application for Smart Agriculture. , 2021, , .		1
90	Neural Network-based Soil Detection and Classification. , 2021, , .		2

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91	Plant leaf disease identification using exponential spider monkey optimization. Sustainable Computing: Informatics and Systems, 2020, 28, 100283.	2.2	85
92	Crowd anomaly detection using Aggregation of Ensembles of fine-tuned ConvNets. Neurocomputing, 2020, 371, 188-198.	5.9	74
93	On the physical layer security over Beaulieu-Xie fading channel. AEU - International Journal of Electronics and Communications, 2020, 113, 152940.	2.9	24
94	A novel chaotic modulation approach of packaged antenna for secured wireless medical sensor network in healthcare applications. Microwave and Optical Technology Letters, 2020, 62, 933-942.	1.4	6
95	Chitin and chitosan-based support materials for enzyme immobilization and biotechnological applications. Environmental Chemistry Letters, 2020, 18, 315-323.	16.2	140
96	Screening and evaluation of cellulytic fungal strains for saccharification and bioethanol production from rice residue. Energy, 2020, 190, 116422.	8.8	41
97	Study of glass-forming ability and structural rigidity of Zn-modified (GeTe) _x (Sb ₂ Te ₃) _{100-x} chalcogenide glassy alloys. Phase Transitions, 2020, 93, 183-196.	1.3	4
98	Color Object Detection Based Image Retrieval Using ROI Segmentation with Multi-Feature Method. Wireless Personal Communications, 2020, 112, 169-192.	2.7	37
99	Integrated yet distributed operations planning approach: A next generation manufacturing planning system. Journal of Manufacturing Systems, 2020, 54, 103-122.	13.9	21
100	Impact of Triple Roll Milling Processing Parameters on Fluidic/Rheological and Electrical Properties of Aqueous Graphene Ink. Advanced Engineering Materials, 2020, 22, 1901187.	3.5	8
101	Bandwidth and gain-enhanced composite right/left-handed antenna for ultra-wideband applications. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22095.	1.2	1
102	An in vitro refolding method to produce oligomers of anti-CHIKV, E2-IgM Fc fusion subunit vaccine candidates expressed in E. coli. Journal of Immunological Methods, 2020, 487, 112869.	1.4	6
103	Effects of IMF By on Ring Current Asymmetry Under Southward IMF Bz Conditions Observed at Ground Magnetic Stations: Case Studies. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027493.	2.4	6
104	Generation of oligomers of subunit vaccine candidate glycoprotein D of Herpes Simplex Virus-2 expressed in fusion with IgM Fc domain(s) in Escherichia coli: A strategy to enhance the immunogenicity of the antigen. 3 Biotech, 2020, 10, 463.	2.2	1
105	Hydrogel-mediated delivery of celestrol and doxorubicin induces a synergistic effect on tumor regression via upregulation of ceramides. Nanoscale, 2020, 12, 18463-18475.	5.6	18
106	Sigmoidal Salp Swarm Algorithm. , 2020, , .		4
107	Evolution of wireless sensor network design from technology centric to user centric: An architectural perspective. International Journal of Distributed Sensor Networks, 2020, 16, 155014772094913.	2.2	34
108	Leaf Disease Detection and Classification based on Machine Learning. , 2020, , .		39

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109	Prediction of COVID-19 corona virus pandemic based on time series data using support vector machine. Journal of Discrete Mathematical Sciences and Cryptography, 2020, 23, 1583-1597.	0.8	157
110	Assessment of PD-L1 expression and tumor-infiltrating lymphocytes (TILs) across molecular subtypes of triple-negative breast cancer. Breast Journal, 2020, 26, 2424-2427.	1.0	3
111	On the Evolution of the Vortex Filament Equation for Regular M -Polygons with Nonzero Torsion. SIAM Journal on Applied Mathematics, 2020, 80, 1034-1056.	1.8	5
112	In-situ study of electrical transport in Pd/n-Si under high energy ion irradiation. Semiconductor Science and Technology, 2020, 35, 085004.	2.0	2
113	Effective capacity analysis over generalized lognormal shadowed composite fading channels. Internet Technology Letters, 2020, 3, e171.	1.9	10
114	Multi-level image thresholding based on Kapur and Tsallis entropy using firefly algorithm. Journal of Interdisciplinary Mathematics, 2020, 23, 563-571.	0.7	34
115	Aggregation Propensities of Herpes Simplex Virus-1 Proteins and Derived Peptides: An <i>In Silico</i> and <i>In Vitro</i> Analysis. ACS Omega, 2020, 5, 12964-12973.	3.5	7
116	Peregrine preying pattern based differential evolution for robot path planning. Journal of Interdisciplinary Mathematics, 2020, 23, 555-562.	0.7	10
117	Synthesis and spectral properties of Sm ³⁺ doped MgAl ₂ O ₄ phosphor. AIP Conference Proceedings, 2020, , .	0.4	0
118	Target K-coverage problem in wireless sensor networks. Journal of Discrete Mathematical Sciences and Cryptography, 2020, 23, 651-659.	0.8	16
119	Laser-induced plasma generated by a 532 nm pulsed laser in bulk water: unexpected line-intensity variation with water temperature and the possible underlying physics. Plasma Science and Technology, 2020, 22, 074009.	1.5	3
120	Special Issue on Swarm Intelligence for Optimizing Next Generation Networks. Recent Advances in Computer Science and Communications, 2020, 13, 108-109.	0.7	1
121	Cholic-Acid-Derived Amphiphiles Can Prevent and Degrade Fungal Biofilms. ACS Applied Bio Materials, 2020, 4, 7332-7341.	4.6	9
122	Recent Innovations and Advancements in Swarm Intelligence: Algorithms, Methodologies and Applications (Part 2). Recent Advances in Computer Science and Communications, 2020, 13, 3-4.	0.7	1
123	Synthesis and optical properties of magnesium zirconium oxide. AIP Conference Proceedings, 2020, , .	0.4	1
124	A systematic literature review and comparative study of different software quality models. Journal of Discrete Mathematical Sciences and Cryptography, 2020, 23, 585-593.	0.8	13
125	Optimization of deposition parameter of Cr doped Eu ₂ O ₃ thin films. AIP Conference Proceedings, 2020, , .	0.4	0
126	On the outage probability and BER of a DF-based multi-hop system over $\hat{\alpha}$ - $\hat{\beta}$ - $\hat{\gamma}$ and $\hat{\alpha}$ - $\hat{\beta}$ - $\hat{\gamma}$ -extreme fading channels. AEU - International Journal of Electronics and Communications, 2020, 124, 153324.	2.9	8

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127	Development of material removal rate model and performance evaluation of ultrasonic turning process. <i>Materials and Manufacturing Processes</i> , 2020, 35, 1598-1611.	4.7	9
128	Investigation of molecular and elemental changes in rice grains infected by false smut disease using FTIR, LIBS and WDXRF spectroscopic techniques. <i>Applied Physics B: Lasers and Optics</i> , 2020, 126, 1.	2.2	6
129	WR-ELM: Weighted Regularization Extreme Learning Machine for Imbalance Learning in Software Fault Prediction. <i>IEEE Transactions on Reliability</i> , 2020, 69, 1355-1375.	4.6	32
130	XPS and photoluminescence studies of Tb ³⁺ doped Al_2O_3 phosphor. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
131	Advances in self-assembled injectable hydrogels for cancer therapy. <i>Biomaterials Science</i> , 2020, 8, 2055-2073.	5.4	52
132	Homo- and heteroleptic trimethoxy terpyridine-Cu(II) complexes: synthesis, characterization, DNA/BSA binding, DNA cleavage and cytotoxicity studies. <i>Dalton Transactions</i> , 2020, 49, 4100-4113.	3.3	28
133	Electrical transport properties of InAs nanowires synthesized by a solvothermal method. <i>Nanotechnology</i> , 2020, 31, 235709.	2.6	2
134	Two-Step Liquid Phase Crystallized Germanium-Based Photodetector for Near-Infrared Applications. <i>IEEE Sensors Journal</i> , 2020, 20, 4660-4666.	4.7	5
135	Evaluation of carrier density and mobility in Mn ion-implanted GaAs:Zn nanowires by Raman spectroscopy. <i>Nanotechnology</i> , 2020, 31, 205705.	2.6	2
136	Revisiting agile software development process based on latest software industry trends. <i>Journal of Information and Optimization Sciences</i> , 2020, 41, 533-541.	0.3	3
137	Spin and doctor-blade coated PEDOT:PSS back electrodes in inverted organic solar cells. <i>Solar Energy</i> , 2020, 204, 64-70.	6.1	14
138	An ensemble feature reduction method for web-attack detection. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2020, 23, 283-291.	0.8	16
139	Modified local link failure recovery multicast routing protocol for MANET. <i>Journal of Information and Optimization Sciences</i> , 2020, 41, 669-677.	0.3	2
140	A restriction enzyme reduced representation sequencing approach for low-cost, high-throughput metagenome profiling. <i>PLoS ONE</i> , 2020, 15, e0219882.	2.5	23
141	Hydrogen trapping potential of Ca decorated metal-graphyne framework. <i>Energy</i> , 2020, 199, 117453.	8.8	13
142	Proficient QoS-Based Target Coverage Problem in Wireless Sensor Networks. <i>IEEE Access</i> , 2020, 8, 74315-74325.	4.2	36
143	Identifying Reduced Features Based on IG-Threshold for DoS Attack Detection Using PART. <i>Lecture Notes in Computer Science</i> , 2020, , 411-419.	1.3	12
144	Robot Path Planning Using Modified Artificial Bee Colony Algorithm. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 25-36.	0.6	19

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145	Robot Path Planning Using Differential Evolution. Algorithms for Intelligent Systems, 2020, , 531-537.	0.6	9
146	Modified Dragon-Aodv for Efficient Secure Routing. Algorithms for Intelligent Systems, 2020, , 539-546.	0.6	5
147	Sigmoidal Spider Monkey Optimization Algorithm. Advances in Intelligent Systems and Computing, 2020, , 109-117.	0.6	8
148	Dragon-AODV: Efficient Ad Hoc On-Demand Distance Vector Routing Protocol Using Dragon Fly Algorithm. Advances in Intelligent Systems and Computing, 2020, , 181-191.	0.6	7
149	Peregrine Preying Pattern-Based Differential Evolution. Advances in Intelligent Systems and Computing, 2020, , 375-383.	0.6	3
150	Use of Nanotechnology in Quality Improvement of Economically Important Agricultural Crops. , 2020, , 39-57.		4
151	Secured Electronic Voting Machine Using Biometric Technique with Unique Identity Number and IOT. Lecture Notes in Networks and Systems, 2020, , 311-326.	0.7	5
152	Surface and spectral investigation of Sm ³⁺ doped MgO-ZrO ₂ phosphor. Optik, 2020, 216, 164909.	2.9	26
153	Modified grasshopper optimisation algorithm. , 2020, , .		2
154	Hyperbolic Spider Monkey Optimization Algorithm. Recent Advances in Computer Science and Communications, 2020, 13, 35-42.	0.7	11
155	Biological Management of Banana Fusarium Wilt Caused by Fusarium oxysporum f. sp. cubense Tropical Race 4 Using Antagonistic Fungal Isolate CSR-T-3 (Trichoderma reesei). Frontiers in Microbiology, 2020, 11, 595845.	3.5	35
156	Study of Molecular and Elemental Changes in Nematode-infested Roots in Papaya Plant Using FTIR, LIBS and WDXRF Spectroscopy. Atomic Spectroscopy, 2020, 41, 110-108.	1.2	11
157	Analysis of Mineral Elements in Medicinal Plant Samples Using LIBS and ICP-OES. Atomic Spectroscopy, 2020, , .	1.2	12
158	Liquid phase crystallization of Ge over direct Si substrate as a template for GaAs applications. , 2020, , .		1
159	Comparative Analysis of Selected Variant of Spider Monkey Optimization Algorithm. Algorithms for Intelligent Systems, 2020, , 365-372.	0.6	1
160	Student's \$t\$ VAR Modeling With Missing Data Via Stochastic EM and Gibbs Sampling. IEEE Transactions on Signal Processing, 2020, 68, 6198-6211.	5.3	10
161	A Comparative Study on CBIR Using Color Features and Different Distance Method. Algorithms for Intelligent Systems, 2020, , 605-617.	0.6	4
162	Portable Camera-Based Assistive Device for Real-Time Text Recognition on Various Products and Speech Using Android for Blind People. Lecture Notes in Networks and Systems, 2020, , 437-448.	0.7	5

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163	Black-Hole Gbest Differential Evolution Algorithm for Solving Robot Path Planning Problem. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 1009-1022.	0.6	12
164	Improved production of lipid contents by cultivating <i>Chlorella pyrenoidosa</i> in heterogeneous organic substrates. <i>Clean Technologies and Environmental Policy</i> , 2019, 21, 1969-1978.	4.1	58
165	Cholic Acid-Peptide Conjugates as Potent Antimicrobials against Interkingdom Polymicrobial Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	38
166	Advances in Swarm Intelligence and Machine Learning for Optimizing Problems in Image Processing and Data Analytics (Part 1). <i>Recent Patents on Computer Science</i> , 2019, 12, 248-249.	0.5	3
167	Cholic Acid-Derived Amphiphile which Combats Gram-Positive Bacteria-Mediated Infections via Disintegration of Lipid Clusters. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 4764-4775.	5.2	22
168	Composite right/left-handed wideband metamaterial antenna loaded with SRRs and CSRRs to improve gain and efficiency. <i>IET Microwaves, Antennas and Propagation</i> , 2019, 13, 1467-1474.	1.4	5
169	Iron-Catalyzed Regioselective Remote C(sp ²)-H Carboxylation of Naphthyl and Quinoline Amides. <i>Journal of Organic Chemistry</i> , 2019, 84, 10481-10489.	3.2	19
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