

Sanjay Kumar Singh

List of Publications by Year in descending order

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248
papers

6,244
citations

81839

39
h-index

95218

68
g-index

252
all docs

252
docs citations

252
times ranked

6017
citing authors

#	ARTICLE	IF	CITATIONS
1	Liquid-Phase Chemical Hydrogen Storage: Catalytic Hydrogen Generation under Ambient Conditions. <i>ChemSusChem</i> , 2010, 3, 541-549.	3.6	396
2	Noble-Metal-Free Bimetallic Nanoparticle-Catalyzed Selective Hydrogen Generation from Hydrous Hydrazine for Chemical Hydrogen Storage. <i>Journal of the American Chemical Society</i> , 2011, 133, 19638-19641.	6.6	303
3	Complete Conversion of Hydrous Hydrazine to Hydrogen at Room Temperature for Chemical Hydrogen Storage. <i>Journal of the American Chemical Society</i> , 2009, 131, 18032-18033.	6.6	240
4	Bimetallic nickel-iridium nanocatalysts for hydrogen generation by decomposition of hydrous hydrazine. <i>Chemical Communications</i> , 2010, 46, 6545.	2.2	181
5	Deep feature learning for histopathological image classification of canine mammary tumors and human breast cancer. <i>Information Sciences</i> , 2020, 508, 405-421.	4.0	147
6	Nickel-palladium nanoparticle catalyzed hydrogen generation from hydrous hydrazine for chemical hydrogen storage. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 11794-11801.	3.8	143
7	Development and Evaluation of Solid Lipid Nanoparticles of Raloxifene Hydrochloride for Enhanced Bioavailability. <i>BioMed Research International</i> , 2013, 2013, 1-9.	0.9	133
8	Multiple watermarking technique for securing online social network contents using Back Propagation Neural Network. <i>Future Generation Computer Systems</i> , 2018, 86, 926-939.	4.9	121
9	Deep learning framework for recognition of cattle using muzzle point image pattern. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018, 116, 1-17.	2.5	120
10	Fluorescent Zinc(II) Complex Exhibiting On-Off-On Switching Toward Cu ²⁺ and Ag ⁺ Ions. <i>Inorganic Chemistry</i> , 2011, 50, 3189-3197.	1.9	118
11	Nanocatalysts for hydrogen generation from hydrazine. <i>Catalysis Science and Technology</i> , 2013, 3, 1889.	2.1	117
12	DWT-SVD and DCT based robust and blind watermarking scheme for copyright protection. <i>Multimedia Tools and Applications</i> , 2017, 76, 13001-13024.	2.6	113
13	Effective self-embedding watermarking scheme for image tampered detection and localization with recovery capability. <i>Journal of Visual Communication and Image Representation</i> , 2016, 38, 775-789.	1.7	109
14	The inverse Lindley distribution: a stress-strength reliability model with application to head and neck cancer data. <i>Journal of Industrial and Production Engineering</i> , 2015, 32, 162-173.	2.1	106
15	DCT based efficient fragile watermarking scheme for image authentication and restoration. <i>Multimedia Tools and Applications</i> , 2017, 76, 953-977.	2.6	94
16	Application of Spectral Kurtosis and Improved Extreme Learning Machine for Bearing Fault Classification. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2019, 68, 4222-4233.	2.4	92
17	Temperature-Induced Enhancement of Catalytic Performance in Selective Hydrogen Generation from Hydrous Hydrazine with Ni-Based Nanocatalysts for Chemical Hydrogen Storage. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2232-2237.	1.0	87
18	Intranasal delivery of asenapine loaded nanostructured lipid carriers: formulation, characterization, pharmacokinetic and behavioural assessment. <i>RSC Advances</i> , 2016, 6, 2032-2045.	1.7	86

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19	MetaMed: Few-shot medical image classification using gradient-based meta-learning. Pattern Recognition, 2021, 120, 108111.	5.1	77
20	Multifaceted half-sandwich arene-ruthenium complexes: interactions with biomolecules, photoactivation, and multinuclearity approach. RSC Advances, 2014, 4, 1819-1840.	1.7	75
21	Activated nanostructured bimetallic catalysts for C-C coupling reactions: recent progress. Catalysis Science and Technology, 2016, 6, 3341-3361.	2.1	74
22	DNA Binding and Topoisomerase II Inhibitory Activity of Water-Soluble Ruthenium(II) and Rhodium(III) Complexes. Inorganic Chemistry, 2007, 46, 10869-10876.	1.9	73
23	Role of artificial intelligence in rotor fault diagnosis: a comprehensive review. Artificial Intelligence Review, 2021, 54, 2609-2668.	9.7	73
24	Fusion of electrocardiogram with unobtrusive biometrics: An efficient individual authentication system. Pattern Recognition Letters, 2012, 33, 1932-1941.	2.6	70
25	Bioelectrical Signals as Emerging Biometrics: Issues and Challenges. ISRN Signal Processing, 2012, 2012, 1-13.	2.9	59
26	Glycol chitosan functionalized asenapine nanostructured lipid carriers for targeted brain delivery: Pharmacokinetic and teratogenic assessment. International Journal of Biological Macromolecules, 2018, 108, 1092-1100.	3.6	59
27	The generalized inverse Lindley distribution: A new inverse statistical model for the study of upside-down bathtub data. Communications in Statistics - Theory and Methods, 2016, 45, 5709-5729.	0.6	58
28	Targeting of diacerein loaded lipid nanoparticles to intra-articular cartilage using chondroitin sulfate as homing carrier for treatment of osteoarthritis in rats. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, e1031-e1040.	1.7	57
29	Highly Active Bimetallic Nickel-Palladium Alloy Nanoparticle Catalyzed Suzuki-Miyaura Reactions. ChemCatChem, 2015, 7, 1806-1812.	1.8	55
30	Face Recognition of Cattle: Can it be Done?. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2016, 86, 137-148.	0.8	54
31	Imbalanced Breast Cancer Classification Using Transfer Learning. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2020, 18, 1-1.	1.9	50
32	Development of Lipid Nanoparticles of Diacerein, an Antiosteoarthritic Drug for Enhancement in Bioavailability and Reduction in its Side Effects. Journal of Biomedical Nanotechnology, 2013, 9, 891-900.	0.5	45
33	Monitoring of pet animal in smart cities using animal biometrics. Future Generation Computer Systems, 2018, 83, 553-563.	4.9	45
34	Deep-ABPpred: identifying antibacterial peptides in protein sequences using bidirectional LSTM with word2vec. Briefings in Bioinformatics, 2021, 22, .	3.2	45
35	Privacy preserving security using biometrics in cloud computing. Multimedia Tools and Applications, 2018, 77, 11017-11039.	2.6	44
36	Black Hole Algorithm and Its Applications. Studies in Computational Intelligence, 2015, , 147-170.	0.7	43

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37	Passive forensics in image and video using noise features: A review. Digital Investigation, 2016, 19, 1-28.	3.2	43
38	A bearing data analysis based on kurtogram and deep learning sequence models. Measurement: Journal of the International Measurement Confederation, 2019, 145, 665-677.	2.5	42
39	Real-time recognition of cattle using animal biometrics. Journal of Real-Time Image Processing, 2017, 13, 505-526.	2.2	41
40	Multi-Fault Bearing Classification Using Sensors and ConvNet-Based Transfer Learning Approach. IEEE Sensors Journal, 2020, 20, 1433-1444.	2.4	41
41	Face recognition for newborns: A preliminary study. , 2010, , .		38
42	Amine Modification of Binder-Containing Zeolite 4A Bodies for Post-Combustion CO ₂ Capture. Industrial & Engineering Chemistry Research, 2019, 58, 5301-5313.	1.8	38
43	A bearing vibration data analysis based on spectral kurtosis and ConvNet. Soft Computing, 2019, 23, 9341-9359.	2.1	38
44	Biometric Recognition for Pet Animal. Journal of Software Engineering and Applications, 2014, 07, 470-482.	0.8	36
45	Visual animal biometrics: survey. IET Biometrics, 2017, 6, 139-156.	1.6	35
46	Bayes estimators of the reliability function and parameter of inverted exponential distribution using informative and non-informative priors. Journal of Statistical Computation and Simulation, 2013, 83, 2258-2269.	0.7	34
47	A new upside-down bathtub shaped hazard rate model for survival data analysis. Applied Mathematics and Computation, 2014, 239, 242-253.	1.4	34
48	Effect of penetration enhancers and amorphization on transdermal permeation flux of raloxifene-encapsulated solid lipid nanoparticles: an ex vivo study on human skin. Applied Nanoscience (Switzerland), 2019, 9, 1383-1394.	1.6	34
49	Fast and robust passive copy-move forgery detection using SURF and SIFT image features. , 2014, , .		33
50	Resveratrol loaded PLGA:α-tocopheryl polyethylene glycol 1000 succinate blend nanoparticles for brain cancer therapy. RSC Advances, 2016, 6, 74254-74268.	1.7	33
51	Heterogeneous Bimetallic Catalysts for Upgrading Biomass-Derived Furans. Asian Journal of Organic Chemistry, 2018, 7, 1901-1923.	1.3	33
52	Multimodal Retrieval using Mutual Information based Textual Query Reformulation. Expert Systems With Applications, 2017, 68, 81-92.	4.4	32
53	Heart Disease Prediction System Using Random Forest. Communications in Computer and Information Science, 2017, , 613-623.	0.4	32
54	Bayesian estimation of parameters of inverse Weibull distribution. Journal of Applied Statistics, 2013, 40, 1597-1607.	0.6	31

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55	Passive copy-move forgery detection in videos. , 2014, , .		31
56	Trans resveratrol loaded DSPE PEG 2000 coated liposomes: An evidence for prolonged systemic circulation and passive brain targeting. Journal of Drug Delivery Science and Technology, 2016, 33, 125-135.	1.4	31
57	Muzzle point pattern based techniques for individual cattle identification. IET Image Processing, 2017, 11, 805-814.	1.4	31
58	An intelligent decision computing paradigm for crowd monitoring in the smart city. Journal of Parallel and Distributed Computing, 2018, 118, 344-358.	2.7	31
59	AniAMPpred: artificial intelligence guided discovery of novel antimicrobial peptides in animal kingdom. Briefings in Bioinformatics, 2021, 22, .	3.2	31
60	Face recognition for cattle. , 2015, , .		30
61	Introducing mesoporosity in zeolite 4A bodies for Rapid CO ₂ capture. Journal of CO ₂ Utilization, 2020, 40, 101223.	3.3	30
62	Cattle Recognition: A New Frontier in Visual Animal Biometrics Research. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2020, 90, 689-708.	0.8	29
63	Combining pores and ridges with minutiae for improved fingerprint verification. Signal Processing, 2009, 89, 2676-2685.	2.1	28
64	Synthesis and characterization of ruthenium(II) complexes based on diphenyl-2-pyridylphosphine and their applications in transfer hydrogenation of ketones. Inorganica Chimica Acta, 2011, 368, 124-131.	1.2	27
65	Lab Cooked MOF for CO ₂ Capture: A Sustainable Solution to Waste Management. Journal of Chemical Education, 2020, 97, 1101-1108.	1.1	27
66	An Early Classification Approach for Improving Structural Rotor Fault Diagnosis. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	2.4	27
67	Shape-Selective Synthesis of Intermetallic Pd ₃ Pb Nanocrystals and Enhanced Catalytic Properties in the Direct Synthesis of Hydrogen Peroxide. ACS Catalysis, 2021, 11, 2288-2301.	5.5	27
68	A Review of the Machine Learning Algorithms for Covid-19 Case Analysis. IEEE Transactions on Artificial Intelligence, 2023, 4, 44-59.	3.4	27
69	Synthesis, characterization and reactivity of arene ruthenium compounds based on 2,2'-dipyridylamine and di-2-pyridylbenzylamine and their applications in catalytic hydrogen transfer of ketones. Journal of Organometallic Chemistry, 2010, 695, 2205-2212.	0.8	26
70	Expected total test time and Bayesian estimation for generalized Lindley distribution under progressively Type-II censored sample where removals follow the Beta-binomial probability law. Applied Mathematics and Computation, 2013, 222, 402-419.	1.4	26
71	CoMHisP: A Novel Feature Extractor for Histopathological Image Classification Based on Fuzzy SVM With Within-Class Relative Density. IEEE Transactions on Fuzzy Systems, 2021, 29, 103-117.	6.5	26
72	Smart real-time traffic congestion estimation and clustering technique for urban vehicular roads. , 2016, , .		25

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73	Group Sparse Representation Approach for Recognition of Cattle on Muzzle Point Images. International Journal of Parallel Programming, 2018, 46, 812-837.	1.1	25
74	Energy and Collision Aware WSN Routing Protocol for Sustainable and Intelligent IoT Applications. IEEE Sensors Journal, 2021, 21, 25282-25292.	2.4	25
75	A taxonomy of biometric system vulnerabilities and defences. International Journal of Biometrics, 2013, 5, 137.	0.3	24
76	Providing robust security measures to Bloom filter based biometric template protection schemes. Computers and Security, 2017, 67, 59-72.	4.0	24
77	Improved Structural Rotor Fault Diagnosis Using Multi-Sensor Fuzzy Recurrence Plots and Classifier Fusion. IEEE Sensors Journal, 2021, 21, 21705-21717.	2.4	24
78	Structural Rotor Fault Diagnosis Using Attention-Based Sensor Fusion and Transformers. IEEE Sensors Journal, 2022, 22, 707-719.	2.4	24
79	Bayes Estimator of Generalized-Exponential Parameters under Linex Loss Function Using Lindley's Approximation. Data Science Journal, 2008, 7, 65-75.	0.6	23
80	Catalytic Hydrogenation of Arenes in Water Over In Situ Generated Ruthenium Nanoparticles Immobilized on Carbon. ChemCatChem, 2017, 9, 1930-1938.	1.8	23
81	A Comparison between Use of Spray and Freeze Drying Techniques for Preparation of Solid Self-Microemulsifying Formulation of Valsartan and In Vitro and In Vivo Evaluation. BioMed Research International, 2013, 2013, 1-13.	0.9	22
82	Development of polymeric nanoparticles with highly entrapped herbal hydrophilic drug using nanoprecipitation technique: an approach of quality by design. Pharmaceutical Development and Technology, 2015, 20, 579-587.	1.1	21
83	Bayesian Estimation for Poisson-exponential Model under Progressive Type-II Censoring Data with Binomial Removal and Its Application to Ovarian Cancer Data. Communications in Statistics Part B: Simulation and Computation, 2016, 45, 3457-3475.	0.6	21
84	Estimation of stress-strength reliability for inverse Weibull distribution under progressive type-II censoring scheme. Journal of Industrial and Production Engineering, 2018, 35, 48-55.	2.1	21
85	SeizSCLas: An Efficient and Secure Internet-of-Things-Based EEG Classifier. IEEE Internet of Things Journal, 2021, 8, 6214-6221.	5.5	21
86	Bayesian Estimation and Prediction for Flexible Weibull Model under Type-II Censoring Scheme. Journal of Probability and Statistics, 2013, 2013, 1-16.	0.3	20
87	Design, analysis and classifier evaluation for a CAD tool for breast cancer detection from digital mammograms. International Journal of Biomedical Engineering and Technology, 2013, 13, 270.	0.2	20
88	Automatic identification of cattle using muzzle point pattern: a hybrid feature extraction and classification paradigm. Multimedia Tools and Applications, 2017, 76, 26551-26580.	2.6	20
89	Stable-ABPpred: a stacked ensemble predictor based on biLSTM and attention mechanism for accelerated discovery of antibacterial peptides. Briefings in Bioinformatics, 2022, 23, .	3.2	20
90	Quantitative Analysis of a General Framework of a CAD Tool for Breast Cancer Detection from Mammograms. Journal of Medical Imaging and Health Informatics, 2014, 4, 654-674.	0.2	19

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91	Deep-AFPpred: identifying novel antifungal peptides using pretrained embeddings from seq2vec with 1DCNN-BiLSTM. Briefings in Bioinformatics, 2022, 23, .	3.2	19
92	Estimation and prediction for Type-I hybrid censored data from generalized Lindley distribution. Journal of Statistics and Management Systems, 2016, 19, 367-396.	0.3	18
93	MobiHisNet: A Lightweight CNN in Mobile Edge Computing for Histopathological Image Classification. IEEE Internet of Things Journal, 2021, 8, 17778-17789.	5.5	18
94	Integrating SVM classification with SVD watermarking for intelligent video authentication. Telecommunication Systems, 2009, 40, 5-15.	1.6	17
95	Reactivity of the Oxime/Oximato Group in Ruthenium(II) Complexes. Inorganic Chemistry, 2008, 47, 11942-11949.	1.9	16
96	Vitality detection from biometrics: State-of-the-art. , 2011, , .		16
97	A Fast Cattle Recognition System using Smart devices. , 2016, , .		16
98	Review of key-binding-based biometric data protection schemes. IET Biometrics, 2016, 5, 263-275.	1.6	16
99	Block Truncation Coding based effective watermarking scheme for image authentication with recovery capability. Multimedia Tools and Applications, 2019, 78, 4197-4215.	2.6	16
100	A combined approach for the enhancement and segmentation of mammograms using modified fuzzy C-means method in wavelet domain. Journal of Medical Physics, 2014, 39, 169.	0.1	16
101	Rhodium(III) pentamethyl cyclopentadienyl complexes incorporating 1-(4-cyanophenyl)-imidazole: role of solvent in ligand substitution reactions. Journal of Organometallic Chemistry, 2005, 690, 647-652.	0.8	15
102	Ruthenium(II), rhodium(III) and iridium(III) based effective catalysts for hydrogenation under aerobic conditions. Polyhedron, 2008, 27, 2877-2882.	1.0	15
103	Quality Induced Fingerprint Identification using Extended Feature Set. , 2008, , .		15
104	Newborn's ear recognition: Can it be done?. , 2011, , .		15
105	Face recognition for newborns. IET Biometrics, 2012, 1, 200-208.	1.6	15
106	A mechanical data analysis using kurtogram and extreme learning machine. Neural Computing and Applications, 2020, 32, 3789-3801.	3.2	15
107	Deep-AVPpred: Artificial Intelligence Driven Discovery of Peptide Drugs for Viral Infections. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 5067-5074.	3.9	15
108	MediSecFed: Private and Secure Medical Image Classification in the Presence of Malicious Clients. IEEE Transactions on Industrial Informatics, 2022, 18, 5648-5657.	7.2	15

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109	Fusion of Ear and Soft-biometrics for Recognition of Newborn. Signal and Image Processing: an International Journal, 2012, 3, 103-116.	0.2	14
110	Early Transportation Mode Detection Using Smartphone Sensing Data. IEEE Sensors Journal, 2021, 21, 15651-15659.	2.4	14
111	Estimation for the Parameter of Poisson-Exponential Distribution under Bayesian Paradigm. Journal of Data Science, 2014, 12, 157-173.	0.5	14
112	Parameter estimation of inverse Lindley distribution for Type-I censored data. Computational Statistics, 2017, 32, 367-385.	0.8	13
113	Synthesis and reactivity of homo-bimetallic Rh and Ir complexes containing a N,O-donor Schiff base. Journal of Organometallic Chemistry, 2009, 694, 3084-3090.	0.8	12
114	Room-temperature Catalytic Reduction of Aqueous Nitrate to Ammonia with Ni Nanoparticles Immobilized on an Fe ₃ O ₄ @SiO ₂ @SiO ₂ -NH ₂ Support. European Journal of Inorganic Chemistry, 2017, 2017, 2450-2456.	1.0	12
115	Bayesian estimation on interval censored Lindley distribution using Lindley's approximation. International Journal of Systems Assurance Engineering and Management, 2017, 8, 799-810.	1.5	12
116	Design of a cancelable biometric template protection scheme for fingerprints based on cryptographic hash functions. Multimedia Tools and Applications, 2018, 77, 15113-15137.	2.6	12
117	Classical and Bayesian methods of estimation for power Lindley distribution with application to waiting time data. Communications for Statistical Applications and Methods, 2017, 24, 193-209.	0.1	12
118	Can face and soft-biometric traits assist in recognition of newborn?. , 2012, , .		11
119	Identifying Individuals Using Eigenbeat Features of Electrocardiogram. Journal of Engineering (United Tj ETQq1 1 0,784314 rgBT /Overd	0.5	11
120	Pharmacokinetic and Tissue Distribution Study of Solid Lipid Nanoparticles of Zidovudine in Rats. Journal of Nanotechnology, 2014, 2014, 1-7.	1.5	11
121	In situ casting of rice husk ash in metal organic frameworks induces enhanced CO ₂ capture performance. Scientific Reports, 2020, 10, 20219.	1.6	11
122	A Novel Cloud-Assisted Secure Deep Feature Classification Framework for Cancer Histopathology Images. ACM Transactions on Internet Technology, 2021, 21, 1-22.	3.0	11
123	Ruthenium catalyzed hydrogen production from formaldehyde-water solution. Sustainable Energy and Fuels, 2021, 5, 549-555.	2.5	11
124	Helical racemate architecture based on osmium(II)-polypyridyl complexes: Synthesis and structural characterisation. Journal of Organometallic Chemistry, 2005, 690, 3105-3110.	0.8	10
125	Coordination polymers and monomers based on new aminocarboxylate ligands: A cadmium(II) polymer containing dimeric aqua-bridged cadmium complex governed by polymeric chain. Inorganica Chimica Acta, 2011, 376, 195-206.	1.2	10
126	Estimation of Parameters of Generalized Inverted Exponential Distribution for Progressive Type-II Censored Sample with Binomial Removals. Journal of Probability and Statistics, 2013, 2013, 1-12.	0.3	10

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127	Passive Copy Move Forgery Detection Using SURF, HOG and SIFT Features. <i>Advances in Intelligent Systems and Computing</i> , 2015, , 659-666.	0.5	10
128	Reliability estimation and prediction for extension of exponential distribution using informative and non-informative priors. <i>International Journal of Systems Assurance Engineering and Management</i> , 2015, 6, 466-478.	1.5	10
129	Hybrid BFO and PSO Swarm Intelligence Approach for Biometric Feature Optimization. <i>International Journal of Swarm Intelligence Research</i> , 2016, 7, 36-62.	0.5	10
130	Prediction of pain intensity using multimedia data. <i>Multimedia Tools and Applications</i> , 2017, 76, 19317-19342.	2.6	10
131	Ruthenium Complexes for Catalytic Dehydrogenation of Hydrazine and Transfer Hydrogenation Reactions. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1424-1431.	1.7	10
132	Selective Catalysis for Room-Temperature Hydrogenation of Biomass-Derived Compounds over Supported NiPd Catalysts in Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 9352-9359.	3.2	10
133	Accelerating the discovery of antifungal peptides using deep temporal convolutional networks. <i>Briefings in Bioinformatics</i> , 2022, , .	3.2	10
134	Feature Selection and Recognition of Face by using Hybrid Chaotic PSO-BFO and Appearance-Based Recognition Algorithms. <i>International Journal of Natural Computing Research</i> , 2015, 5, 26-53.	0.5	9
135	Guest Editorial: Robust and Secure Data Hiding Techniques for Telemedicine Applications. <i>Multimedia Tools and Applications</i> , 2017, 76, 7563-7573.	2.6	9
136	Extended molecular networks based on Zn and Cd imparting N-substituted imidazole. <i>Inorganica Chimica Acta</i> , 2010, 363, 995-1000.	1.2	8
137	Bayesian analysis for Type-II hybrid censored sample from inverse Weibull distribution. <i>International Journal of Systems Assurance Engineering and Management</i> , 2013, 4, 241-248.	1.5	8
138	Comparison of various metrics used in collaborative filtering for recommendation system. , 2015, , .		8
139	Privacy preservation for soft biometrics based multimodal recognition system. <i>Computers and Security</i> , 2016, 58, 160-179.	4.0	8
140	Bayesian inference for the parameters of Weibull distribution under progressive Type-I interval censored data with beta-binomial removals. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2017, 46, 3140-3158.	0.6	8
141	Recognition of Cattle Using Face Images. , 2017, , 79-110.		8
142	Construction of a Bayesian decision theory-based secure multimodal fusion framework for soft biometric traits. <i>IET Biometrics</i> , 2018, 7, 251-259.	1.6	8
143	On length and area-biased Maxwell distributions. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2018, 47, 1506-1528.	0.6	8
144	Synthesis, structure and catalytic activity of manganese(<i>ii</i>) complexes derived from bis(imidazole)methane-based ligands. <i>Dalton Transactions</i> , 2020, 49, 757-763.	1.6	8

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145	ESTIMATION OF PARAMETERS AND RELIABILITY FUNCTION OF EXPONENTIATED EXPONENTIAL DISTRIBUTION: BAYESIAN APPROACH UNDER GENERAL ENTROPY LOSS FUNCTION. Pakistan Journal of Statistics and Operation Research, 2011, 7, 217.	1.1	8
146	A fourth-order PDE-based non-linear filter for speckle reduction from Optical Coherence Tomography images. International Journal of Biomedical Engineering and Technology, 2012, 10, 55.	0.2	7
147	Improved and innovative key generation algorithms for biometric cryptosystems. , 2013, , .		7
148	BioSoft - a multimodal biometric database incorporating soft traits. , 2017, , .		7
149	A comprehensive survey of unimodal facial databases in 2D and 3D domains. Neurocomputing, 2019, 358, 188-210.	3.5	7
150	DS theory based fingerprint classifier fusion with update rule to minimize training time. IEICE Electronics Express, 2006, 3, 429-435.	0.3	6
151	Synthesis and characterization of Ru(IV) and Rh(II) complexes containing phenylimidazole ligands. Journal of Organometallic Chemistry, 2010, 695, 1924-1931.	0.8	6
152	A non-linear complex diffusion based filter adapted to Rayleigh's speckle noise for de-speckling ultrasound images. International Journal of Biomedical Engineering and Technology, 2012, 10, 101.	0.2	6
153	Human Identification Using Heartbeat Interval Features and ECG Morphology. Advances in Intelligent Systems and Computing, 2013, , 87-98.	0.5	6
154	Bayes Estimator of the Parameter and Reliability Function of Marshall-Olkin Extended Exponential Distribution Using Hybrid Type-II Censored Data. Journal of Statistics and Management Systems, 2016, 19, 325-344.	0.3	6
155	A passive forensic method for video: Exposing dynamic object removal and frame duplication in the digital video using sensor noise features. Journal of Intelligent and Fuzzy Systems, 2017, 32, 3339-3353.	0.8	6
156	Bridging the gap: effect of text query reformulation in multimodal retrieval. Multimedia Tools and Applications, 2017, 76, 22871-22888.	2.6	6
157	Statistical Inferences: Based on Exponentiated Exponential Model to Assess Novel Corona Virus (COVID-19) Kerala Patient Data. Annals of Data Science, 2022, 9, 101-119.	1.7	6
158	Swarm Intelligence for Biometric Feature Optimization. Advances in Computational Intelligence and Robotics Book Series, 2015, , 147-181.	0.4	6
159	Belief Function Theory Based Biometric Match Score Fusion: Case Studies in Multi-instance and Multi-unit Iris Verification. , 2009, , .		5
160	Learning based video authentication using statistical local information. , 2011, , .		5
161	Restoration of digital mammographic images corrupted with quantum noise using an adaptive total variation (TV) based nonlinear filter. , 2012, , .		5
162	Newborn Verification Using Headprint. Journal of Information Technology Research, 2012, 5, 15-30.	0.3	5

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163	Human count estimation in high density crowd images and videos. , 2016, , .		5
164	Bayesian inference for Poisson-inverse exponential distribution under progressive type-II censoring with binomial removal. International Journal of Systems Assurance Engineering and Management, 2018, 9, 1235-1249.	1.5	5
165	Early classification of time series based on uncertainty measure. , 2019, , .		5
166	Identifying tiny faces in thermal images using transfer learning. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 1957-1966.	3.3	5
167	Assessing the effect of E-Bayesian inference for Poisson inverse exponential distribution parameters under different loss functions and its application. Communications in Statistics - Theory and Methods, 2022, 51, 5763-5805.	0.6	5
168	Statistical Inferences of Type-II Progressively Hybrid Censored Fuzzy Data with Rayleigh Distribution. Austrian Journal of Statistics, 2018, 47, 40-62.	0.2	5
169	Novel structures based on 1-(4-cyanophenyl)-imidazole resulting from weak bonding interactions. Journal of Molecular Structure, 2009, 935, 1-7.	1.8	4
170	Pain Assessment Using Intelligent Computing Systems. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2016, 86, 285-295.	0.8	4
171	Feature Selection and Recognition of Muzzle Point Image Pattern of Cattle by Using Hybrid Chaos BFO and PSO Algorithms. Studies in Fuzziness and Soft Computing, 2016, , 719-751.	0.6	4
172	A novel approach for early malware detection. Transactions on Emerging Telecommunications Technologies, 2021, 32, e3968.	2.6	4
173	Performance of Face Recognition Algorithms on Dummy Faces. Advances in Intelligent and Soft Computing, 2012, , 211-222.	0.2	4
174	A New Lifetime Distribution: Some of its Statistical Properties and Application. Journal of Statistics Applications and Probability, 2018, 7, 413-422.	0.5	4
175	Bayesian Estimation for Inverse Weibull Distribution Under Progressive Type-II Censored Data With Beta-Binomial Removals. Austrian Journal of Statistics, 2018, 47, 77-94.	0.2	4
176	Selective Hydrogen Production from Glycerol over Ruthenium Catalyst. ChemCatChem, 2022, 14, .	1.8	4
177	Muzzle point pattern recognition system using image pre-processing techniques. , 2017, , .		3
178	Animal Biometrics. , 2017, , .		3
179	Is Group Means Imputation Any Better Than Mean Imputation: A Study Using C5.0 Classifier. Journal of Physics: Conference Series, 2018, 1060, 012014.	0.3	3
180	IEEE Access Special Section Editorial: Information Security Solutions for Telemedicine Applications. IEEE Access, 2018, 6, 79005-79009.	2.6	3

#	ARTICLE	IF	CITATIONS
181	Empirical Bayes estimator of parameter, reliability and hazard rate for Kumaraswamy distribution. Life Cycle Reliability and Safety Engineering, 2019, 8, 243-256.	0.6	3
182	Analysis of Statistical Features for Bearing Fault Classification using Ensemble Technique. , 2019, , .		3
183	Bayesian inference: Weibull Poisson model for censored data using the expectationâ€“maximization algorithm and its application to bladder cancer data. Journal of Applied Statistics, 2022, 49, 926-948.	0.6	3
184	Early classification of multivariate data by learning optimal decision rules. Multimedia Tools and Applications, 2020, , 1.	2.6	3
185	Estimation of $P(X < Y)$ for Gompertz distribution based on upper records. International Journal of Modelling and Simulation, 0, , 1-12.	2.3	3
186	Estimations of the parameters of generalised exponential distribution under progressive interval type-I censoring scheme with random removals. Austrian Journal of Statistics, 2017, 46, 33-47.	0.2	3
187	Biometric Authentication for the Cloud Computing. Advances in Information Security, Privacy, and Ethics Book Series, 2015, , 1-15.	0.4	3
188	Hybrid BFO and PSO Swarm Intelligence Approach for Biometric Feature Optimization. , 0, , 1490-1518.		3
189	Image Analysis and Understanding Techniques for Breast Cancer Detection from Digital Mammograms. Advances in Computational Intelligence and Robotics Book Series, 2014, , 123-148.	0.4	3
190	Bayesian inference for Maxwell Boltzmann distribution on step-stress partially accelerated life test under progressive type-II censoring with binomial removals. International Journal of Systems Assurance Engineering and Management, 2022, 13, 1976-2010.	1.5	3
191	Does All Newborn Face Lookalike to Human and Machine?. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2015, 85, 211-220.	0.8	2
192	Performance comparison of some face recognition algorithms on multi-covariate facial databases. , 2017, , .		2
193	Animal Biometrics: Concepts and Recent Application. , 2017, , 1-20.		2
194	Intra-Inter Feature Ranking based Feature Selection Method for Bearing Fault Classification. , 2019, , .		2
195	A cognitive model to predict human interest in smart environments. Computer Communications, 2020, 161, 1-9.	3.1	2
196	Inferences for the DUS-Exponential Distribution Based on Upper Record Values. Annals of Data Science, 2021, 8, 387-403.	1.7	2
197	Internet of things in the healthcare industry. , 2021, , 3-8.		2
198	Muzzle Point Pattern-Based Techniques for Individual Cattle Identification. , 2017, , 111-135.		2

#	ARTICLE	IF	CITATIONS
199	Deep Learning Framework for Recognition of Cattle Using Muzzle Point Image Pattern. , 2017, , 163-195.		2
200	Newborn Recognition Using Multimodal Biometric. , 2015, , 4347-4357.		2
201	Biometric Authentication for the Cloud Computing. , 2016, , 809-822.		2
202	Cloud Security Using Ear Biometrics. , 2016, , 823-848.		2
203	A Comparative Study of Traditional and Kullback-Leibler Divergence of Survival Functions Estimators for the Parameter of Lindley Distribution. Austrian Journal of Statistics, 2019, 48, 45-53.	0.2	2
204	Application of Industry 4.0 and Meta Learning for Bearing Fault Classification. , 2022, , .		2
205	Investigation of Cycle Time Segments of Dragline Operation in Surface Coal Mine: A Statistical Approach. Geotechnical and Geological Engineering, 2016, 34, 1765-1774.	0.8	1
206	Privacy risks ensuing from cross-matching among databases: A case study for soft biometrics. Information Processing Letters, 2017, 128, 38-45.	0.4	1
207	Analytical Study of Animal Biometrics: A Technical Survey. , 2017, , 21-78.		1
208	Biometric Methods for Animal: Recent Trends and Future Challenges. , 2017, , 223-243.		1
209	Guest Editorial: Multimedia for Predictive Analytics. Multimedia Tools and Applications, 2018, 77, 9189-9201.	2.6	1
210	Inferences based on a balanced joint progressive type-II censoring scheme for Lindley distributed lifetimes. Communications in Statistics Part B: Simulation and Computation, 0, , 1-15.	0.6	1
211	Can Ear and Soft-Biometric Traits Assist in Recognition of Newborn?. Advances in Intelligent and Soft Computing, 2012, , 179-192.	0.2	1
212	Multimodal Biometrics Recognition for Newborns. Advances in Information Security, Privacy, and Ethics Book Series, 0, , 25-51.	0.4	1
213	Fake Face Database and Preprocessing. , 2013, , .		1
214	Capturing the Effects of Attribute based Correlation on Privacy in Micro-databases. , 2017, , .		1
215	Applications of Predictive Computing. , 2017, , 137-155.		1
216	Bearing Fault Classification Using Wavelet Energy and Autoencoder. Lecture Notes in Computer Science, 2020, , 227-238.	1.0	1

#	ARTICLE	IF	CITATIONS
217	Information Security Governance Using Biometrics. Advances in Information Security, Privacy, and Ethics Book Series, 0, , 191-224.	0.4	1
218	Analysis and prediction of COVID-19 spreading through Bayesian modelling with a case study of Uttar Pradesh, India. Opsearch, 0, , 1.	1.1	1
219	An improved and robust fusion framework for soft biometric traits. , 2015, , .		0
220	An automatic deformity path tracing and estimation technique for thoracic CT image sequences. , 2015, , .		0
221	Passive Copy- Move Forgery Detection Using Speed-Up Robust Features, Histogram Oriented Gradients and Scale Invariant Feature Transform. International Journal of System Dynamics Applications, 2015, 4, 70-89.	0.3	0
222	Automatic Deformity Estimation for Thoracic Section Between Inhale and Exhale Positions. The National Academy of Sciences, India, 2016, 39, 347-352.	0.8	0
223	Internet of Things Based Predictive Computing. , 2017, , 91-105.		0
224	Why Stop There?: A Novel Hill Climbing Based Approach Towards Multimodal Classification. , 2017, , .		0
225	Identification of Cattle Based on Muzzle Point Pattern: A Hybrid Feature Extraction Paradigm. , 2017, , 137-161.		0
226	Real-Time Recognition of Cattle Using Fisher Locality Preserving Projection Method. , 2017, , 197-221.		0
227	Fingerprint Authentication Using LT Codes. , 2018, , .		0
228	Health data analytics using Internet of things. , 2021, , 47-56.		0
229	Internet of things and other emerging technologies in digital pathology. , 2021, , 301-312.		0
230	IoT for health insurance companies. , 2021, , 139-147.		0
231	MIoT: Medical Internet of Things in pain assessment. , 2021, , 237-246.		0
232	Inferences for multiple interval type-I censoring scheme. Journal of Applied Statistics, 0, , 1-20.	0.6	0
233	Cloud Security Using Ear Biometrics. Advances in Information Security, Privacy, and Ethics Book Series, 2015, , 39-64.	0.4	0
234	Biometric Template Security and Biometric Encryption Using Fuzzy Frameworks. , 2015, , 512-524.		0

#	ARTICLE	IF	CITATIONS
235	Digital Video Tampering Detection Techniques. , 2015, , 1315-1325.		0
236	Human Ear Recognition System. , 2015, , 5475-5481.		0
237	Passive Video Tampering Detection Using Noise Features. Advances in Computational Intelligence and Robotics Book Series, 2016, , 279-303.	0.4	0
238	Exposing Digital Forgeries in the Video by Detecting Frame Duplication. INROADS- an International Journal of Jaipur National University, 2016, 5, 218.	0.0	0
239	Face Recognition in Unconstrained Environment. Advances in Computational Intelligence and Robotics Book Series, 2016, , 217-242.	0.4	0
240	Cloud Security Using Face Recognition. , 2016, , 2055-2075.		0
241	Cloud-Based Information Security. , 2017, , 107-135.		0
242	Cloud-Based Predictive Computing. , 2017, , 73-89.		0
243	Emotion Recognition Using Facial Expression. , 2018, , 1768-1787.		0
244	Recent Advances in Biometric Recognition for Newborns. , 2019, , 235-251.		0
245	Pain Assessment through Facial Expression. , 2020, , 7-35.		0
246	Intelligent Video Authentication. , 0, , 1-41.		0
247	Swarm Intelligence for Biometric Feature Optimization. , 0, , 830-863.		0
248	Deep Learning Based Security Preservation of IoT: An Industrial Machine Health Monitoring Scenario. Signals and Communication Technology, 2021, , 151-167.	0.4	0