Sanjay Kumar Singh

List of Publications by Year
in descending order

248	6,244	81743	95083
papers	citations	39	68
		h-index	g-index

252	252	252	6017
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Review of the Machine Learning Algorithms for Covid-19 Case Analysis. IEEE Transactions on Artificial Intelligence, 2023, 4, 44-59.	3.4	27
2	Bayesian inference: Weibull Poisson model for censored data using the expectation–maximization algorithm and its application to bladder cancer data. Journal of Applied Statistics, 2022, 49, 926-948.	0.6	3
3	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
4	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
5	Deep-AFPpred: identifying novel antifungal peptides using pretrained embeddings from seq2vec with 1DCNN-BiLSTM. Briefings in Bioinformatics, 2022, 23, .	3.2	19
6	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
7	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
8	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
9	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
10	Structural Rotor Fault Diagnosis Using Attention-Based Sensor Fusion and Transformers. IEEE Sensors Journal, 2022, 22, 707-719.	2.4	24
11	Accelerating the discovery of antifungal peptides using deep temporal convolutional networks. Briefings in Bioinformatics, 2022, , .	3.2	10
12	Selective Hydrogen Production from Glycerol over Ruthenium Catalyst. ChemCatChem, 2022, 14, .	1.8	4
13	Application of Industry 4.0 and Meta Learning for Bearing Fault Classification. , 2022, , .		2
14	A novel approach for early malware detection. Transactions on Emerging Telecommunications Technologies, 2021, 32, e3968.	2.6	4
15	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
16	Early Transportation Mode Detection Using Smartphone Sensing Data. IEEE Sensors Journal, 2021, 21, 15651-15659.	2.4	14
17	SeizSClas: An Efficient and Secure Internet-of-Things-Based EEG Classifier. IEEE Internet of Things Journal, 2021, 8, 6214-6221.	5.5	21
18	Role of artificial intelligence in rotor fault diagnosis: a comprehensive review. Artificial Intelligence Review, 2021, 54, 2609-2668.	9.7	73

#	Article	IF	Citations
19	Inferences for the DUS-Exponential Distribution Based on Upper Record Values. Annals of Data Science, 2021, 8, 387-403.	1.7	2
20	Improved Structural Rotor Fault Diagnosis Using Multi-Sensor Fuzzy Recurrence Plots and Classifier Fusion. IEEE Sensors Journal, 2021, 21, 21705-21717.	2.4	24
21	Health data analytics using Internet of things. , 2021, , 47-56.		0
22	Internet of things and other emerging technologies in digital pathology. , 2021, , 301-312.		0
23	An Early Classification Approach for Improving Structural Rotor Fault Diagnosis. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	2.4	27
24	Shape-Selective Synthesis of Intermetallic Pd_3Pb Nanocrystals and Enhanced Catalytic Properties in the Direct Synthesis of Hydrogen Peroxide. ACS Catalysis, 2021, 11, 2288-2301.	5.5	27
25	Deep-ABPpred: identifying antibacterial peptides in protein sequences using bidirectional LSTM with word2vec. Briefings in Bioinformatics, 2021, 22, .	3.2	45
26	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
27	AniAMPpred: artificial intelligence guided discovery of novel antimicrobial peptides in animal kingdom. Briefings in Bioinformatics, 2021, 22, .	3.2	31
28	MetaMed: Few-shot medical image classification using gradient-based meta-learning. Pattern Recognition, 2021, 120, 108111.	5.1	77
29	IoT for health insurance companies. , 2021, , 139-147.		0
30	Ruthenium catalyzed hydrogen production from formaldehyde–water solution. Sustainable Energy and Fuels, 2021, 5, 549-555.	2.5	11
31	Energy and Collision Aware WSN Routing Protocol for Sustainable and Intelligent IoT Applications. IEEE Sensors Journal, 2021, 21, 25282-25292.	2.4	25
32	MIoT: Medical Internet of Things in pain assessment. , 2021, , 237-246.		0
33	Internet of things in the healthcare industry. , 2021, , 3-8.		2
34	MobiHisNet: A Lightweight CNN in Mobile Edge Computing for Histopathological Image Classification. IEEE Internet of Things Journal, 2021, 8, 17778-17789.	5.5	18
35	Deep Learning Based Security Preservation of IoT: An Industrial Machine Health Monitoring Scenario. Signals and Communication Technology, 2021, , 151-167.	0.4	0
36	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

#	Article	IF	Citations
37	Identifying tiny faces in thermal images using transfer learning. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 1957-1966.	3.3	5
38	Deep feature learning for histopathological image classification of canine mammary tumors and human breast cancer. Information Sciences, 2020, 508, 405-421.	4.0	147
39	A mechanical data analysis using kurtogram and extreme learning machine. Neural Computing and Applications, 2020, 32, 3789-3801.	3.2	15
40	Multi-Fault Bearing Classification Using Sensors and ConvNet-Based Transfer Learning Approach. IEEE Sensors Journal, 2020, 20, 1433-1444.	2.4	41
41	Synthesis, structure and catalytic activity of manganese(ii) complexes derived from bis(imidazole)methane-based ligands. Dalton Transactions, 2020, 49, 757-763.	1.6	8
42	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
43	Early classification of multivariate data by learning optimal decision rules. Multimedia Tools and Applications, 2020, , 1.	2.6	3
44	Imbalanced Breast Cancer Classification Using Transfer Learning. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2020, 18, 1-1.	1.9	50
45	Lab Cooked MOF for CO_2 Capture: A Sustainable Solution to Waste Management. Journal of Chemical Education, 2020, 97, 1101-1108.	1.1	27
46	A cognitive model to predict human interest in smart environments. Computer Communications, 2020, 161, 1-9.	3.1	2
47	Introducing mesoporosity in zeolite 4A bodies for Rapid CO_2 capture. Journal of CO2 Utilization, 2020, 40, 101223.	3.3	30
48	Bearing Fault Classification Using Wavelet Energy and Autoencoder. Lecture Notes in Computer Science, 2020, , 227-238.	1.0	1
49	Pain Assessment through Facial Expression. , 2020, , 7-35.		0
50	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
51	Application of Spectral Kurtosis and Improved Extreme Learning Machine for Bearing Fault Classification. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 4222-4233.	2.4	92
52	A comprehensive survey of unimodal facial databases in 2D and 3D domains. Neurocomputing, 2019, 358, 188-210.	3.5	7
53	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
54	Selective Catalysis for Room-Temperature Hydrogenation of Biomass-Derived Compounds over Supported NiPd Catalysts in Water. ACS Sustainable Chemistry and Engineering, 2019, 7, 9352-9359.	3.2	10

#	Article	IF	Citations
55	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
56	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
57	Early classification of time series based on uncertainty measure. , 2019, , .		5
58	Intra-Inter Feature Ranking based Feature Selection Method for Bearing Fault Classification. , 2019, , .		2
59	Analysis of Statistical Features for Bearing Fault Classification using Ensemble Technique. , 2019, , .		3
60	A bearing vibration data analysis based on spectral kurtosis and ConvNet. Soft Computing, 2019, 23, 9341-9359.	2.1	38
61	Block Truncation Coding based effective watermarking scheme for image authentication with recovery capability. Multimedia Tools and Applications, 2019, 78, 4197-4215.	2.6	16
62	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
63	Recent Advances in Biometric Recognition for Newborns. , 2019, , 235-251.		0
64	Ruthenium Complexes for Catalytic Dehydrogenation of Hydrazine and Transfer Hydrogenation Reactions. Chemistry - an Asian Journal, 2018, 13, 1424-1431.	1.7	10
65	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
66	Group Sparse Representation Approach for Recognition of Cattle on Muzzle Point Images. International Journal of Parallel Programming, 2018, 46, 812-837.	1.1	25
67	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
68	Guest Editorial: Multimedia for Predictive Analytics. Multimedia Tools and Applications, 2018, 77, 9189-9201.	2.6	1
69	Construction of a Bayesian decision theory–based secure multimodal fusion framework for soft biometric traits. IET Biometrics, 2018, 7, 251-259.	1.6	8
70	Monitoring of pet animal in smart cities using animal biometrics. Future Generation Computer Systems, 2018, 83, 553-563.	4.9	45
71	On length and area-biased Maxwell distributions. Communications in Statistics Part B: Simulation and Computation, 2018, 47, 1506-1528.	0.6	8
72	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

#	Article	IF	Citations
73	Multiple watermarking technique for securing online social network contents using Back Propagation Neural Network. Future Generation Computer Systems, 2018, 86, 926-939.	4.9	121
74	Privacy preserving security using biometrics in cloud computing. Multimedia Tools and Applications, 2018, 77, 11017-11039.	2.6	44
75	Deep learning framework for recognition of cattle using muzzle point image pattern. Measurement: Journal of the International Measurement Confederation, 2018, 116, 1-17.	2.5	120
76	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
77	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
78	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
79	IEEE Access Special Section Editorial: Information Security Solutions for Telemedicine Applications. IEEE Access, 2018, 6, 79005-79009.	2.6	3
80	Heterogeneous Bimetallic Catalysts for Upgrading Biomassâ€Derived Furans. Asian Journal of Organic Chemistry, 2018, 7, 1901-1923.	1.3	33
81	Fingerprint Authentication Using LT Codes. , 2018, , .		0
82	Statistical Inferences of Type-II Progressively Hybrid Censored Fuzzy Data with Rayleigh Distribution. Austrian Journal of Statistics, 2018, 47, 40-62.	0.2	5
83	A New Lifetime Distribution: Some of its Statistical Properties and Application. Journal of Statistics Applications and Probability, 2018, 7, 413-422.	0.5	4
84	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
85	Emotion Recognition Using Facial Expression. , 2018, , 1768-1787.		0
86	DCT based efficient fragile watermarking scheme for image authentication and restoration. Multimedia Tools and Applications, 2017, 76, 953-977.	2.6	94
87	Bayesian inference for the parameters of Weibull distribution under progressive Type-I interval censored data with beta-binomial removals. Communications in Statistics Part B: Simulation and Computation, 2017, 46, 3140-3158.	0.6	8
88	DWT-SVD and DCT based robust and blind watermarking scheme for copyright protection. Multimedia Tools and Applications, 2017, 76, 13001-13024.	2.6	113
89	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
90	Parameter estimation of inverse Lindley distribution for Type-I censored data. Computational Statistics, 2017, 32, 367-385.	0.8	13

#	Article	IF	Citations
91	Catalytic Hydrogenation of Arenes in Water Over Inâ€¦Situ Generated Ruthenium Nanoparticles Immobilized on Carbon. ChemCatChem, 2017, 9, 1930-1938.	1.8	23
92	Providing robust security measures to Bloom filter based biometric template protection schemes. Computers and Security, 2017, 67, 59-72.	4.0	24
93	Visual animal biometrics: survey. IET Biometrics, 2017, 6, 139-156.	1.6	35
94	Guest Editorial: Robust and Secure Data Hiding Techniques for Telemedicine Applications. Multimedia Tools and Applications, 2017, 76, 7563-7573.	2.6	9
95	A passive forensic method for video: Exposing dynamic object removal andÂframe duplication in the digital videoÂusingÂsensor noise features. Journal of Intelligent and Fuzzy Systems, 2017, 32, 3339-3353.	0.8	6
96	BioSoft - a multimodal biometric database incorporating soft traits. , 2017, , .		7
97	Roomâ€Temperature Catalytic Reduction of Aqueous Nitrate to Ammonia with Ni Nanoparticles Immobilized on an Fe_3O_4@nâ€SiO_2@hâ€SiO_2â€"NH_2 Support. European Journal of Inorganic Chemistry, 2017, 2017, 2450-2456.	1.0	12
98	Bridging the gap: effect of text query reformulation in multimodal retrieval. Multimedia Tools and Applications, 2017, 76, 22871-22888.	2.6	6
99	Internet of Things Based Predictive Computing. , 2017, , 91-105.		0
100	Prediction of pain intensity using multimedia data. Multimedia Tools and Applications, 2017, 76, 19317-19342.	2.6	10
101	Privacy risks ensuing from cross-matching among databases: A case study for soft biometrics. Information Processing Letters, 2017, 128, 38-45.	0.4	1
102	Muzzle point pattern based techniques for individual cattle identification. IET Image Processing, 2017, 11, 805-814.	1.4	31
103	Real-time recognition of cattle using animal biometrics. Journal of Real-Time Image Processing, 2017, 13, 505-526.	2.2	41
104	Bayesian estimation on interval censored Lindley distribution using Lindleyâ€™s approximation. International Journal of Systems Assurance Engineering and Management, 2017, 8, 799-810.	1.5	12
105	Multimodal Retrieval using Mutual Information based Textual Query Reformulation. Expert Systems With Applications, 2017, 68, 81-92.	4.4	32
106	Why Stop There?: A Novel Hill Climbing Based Approach Towards Multimodal Classification. , 2017, , .		0
107	Muzzle point pattern recognition system using image pre-processing techniques. , 2017, , .		3
108	Performance comparison of some face recognition algorithms on multi-covariate facial databases. , 2017, , .		2

#	Article	IF	Citations
109	Analytical Study of Animal Biometrics: A Technical Survey. , 2017, , 21-78.		1
110	Animal Biometrics: Concepts and Recent Application. , 2017, , 1-20.		2
111	Animal Biometrics. , 2017, , .		3
112	Biometric Methods for Animal: Recent Trends and Future Challenges. , 2017, , 223-243.		1
113	Recognition of Cattle Using Face Images. , 2017, , 79-110.		8
114	Identification of Cattle Based on Muzzle Point Pattern: A Hybrid Feature Extraction Paradigm. , 2017, , 137-161.		0
115	Real-Time Recognition of Cattle Using Fisher Locality Preserving Projection Method. , 2017, , 197-221.		0
116	Heart Disease Prediction System Using Random Forest. Communications in Computer and Information Science, 2017, , 613-623.	0.4	32
117	Muzzle Point Pattern-Based Techniques for Individual Cattle Identification. , 2017, , 111-135.		2
118	Deep Learning Framework for Recognition of Cattle Using Muzzle Point Image Pattern. , 2017, , 163-195.		2
119	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
120	Capturing the Effects of Attribute based Correlation on Privacy in Micro-databases. , 2017, , .		1
121	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
122	Applications of Predictive Computing. , 2017, , 137-155.		1
123	Cloud-Based Information Security. , 2017, , 107-135.		0
124	Cloud-Based Predictive Computing. , 2017, , 73-89.		0
125	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
126	Hybrid BFO and PSO Swarm Intelligence Approach for Biometric Feature Optimization. International Journal of Swarm Intelligence Research, 2016, 7, 36-62.	0.5	10

#	Article	IF	Citations
127	Smart real-time traffic congestion estimation and clustering technique for urban vehicular roads. , 2016, , .		25
128	A Fast Cattle Recognition System using Smart devices. , 2016, , .		16
129	Human count estimation in high density crowd images and videos. , 2016, , .		5
130	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
131	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
132	Review of keyâ€binding â€based biometric data protection schemes. IET Biometrics, 2016, 5, 263-275.	1.6	16
133	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
134	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
135	Passive forensics in image and video using noise features: A review. Digital Investigation, 2016, 19, 1-28.	3.2	43
136	Resveratrol loaded PLGA:<scp>d</scp>-α-tocopheryl polyethylene glycol 1000 succinate blend nanoparticles for brain cancer therapy. RSC Advances, 2016, 6, 74254-74268.	1.7	33
137	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
138	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
139	Automatic Deformity Estimation for Thoracic Section Between Inhale and Exhale Positions. The National Academy of Sciences, India, 2016, 39, 347-352.	0.8	0
140	Effective self-embedding watermarking scheme for image tampered detection and localization with recovery capability. Journal of Visual Communication and Image Representation, 2016, 38, 775-789.	1.7	109
141	Privacy preservation for soft biometrics based multimodal recognition system. Computers and Security, 2016, 58, 160-179.	4.0	8
142	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
143	Activated nanostructured bimetallic catalysts for Câ€C coupling reactions: recent progress. Catalysis Science and Technology, 2016, 6, 3341-3361.	2.1	74
144	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

#	Article	IF	Citations
145	Intranasal delivery of asenapine loaded nanostructured lipid carriers: formulation, characterization, pharmacokinetic and behavioural assessment. RSC Advances, 2016, 6, 2032-2045.	1.7	86
146	Biometric Authentication for the Cloud Computing. , 2016, , 809-822.		2
147	Cloud Security Using Ear Biometrics. , 2016, , 823-848.		2
148	Passive Video Tampering Detection Using Noise Features. Advances in Computational Intelligence and Robotics Book Series, 2016, , 279-303.	0.4	0
149	Exposing Digital Forgeries in the Video by Detecting Frame Duplication. INROADS- an International Journal of Jaipur National University, 2016, 5, 218.	0.0	0
150	Face Recognition in Unconstrained Environment. Advances in Computational Intelligence and Robotics Book Series, 2016, , 217-242.	0.4	0
151	Cloud Security Using Face Recognition. , 2016, , 2055-2075.		0
152	An improved and robust fusion framework for soft biometric traits. , 2015, , .		0
153	Highly Active Bimetallic Nickel–Palladium Alloy Nanoparticle Catalyzed Suzuki–Miyaura Reactions. ChemCatChem, 2015, 7, 1806-1812.	1.8	55
154	An automatic deformity path tracing and estimation technique for thoracic CT image sequences. , 2015, , .		0
155	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
156	Feature Selection and Recognition of Face by using Hybrid Chaotic PSO-BFO and Appearance-Based Recognition Algorithms. International Journal of Natural Computing Research, 2015, 5, 26-53.	0.5	9
157	Passive Copy Move Forgery Detection Using SURF, HOG and SIFT Features. Advances in Intelligent Systems and Computing, 2015, , 659-666.	0.5	10
158	Face recognition for cattle. , 2015, , .		30
159	Comparison of various metrics used in collaborative filtering for recommendation system. , 2015, , .		8
160	Reliability estimation and prediction for extension of exponential distribution using informative and non-informative priors. International Journal of Systems Assurance Engineering and Management, 2015, 6, 466-478.	1.5	10
161	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
162	Black Hole Algorithm and Its Applications. Studies in Computational Intelligence, 2015, , 147-170.	0.7	43

#	Article	IF	Citations
163	The inverse Lindley distribution: a stress-strength reliability model with application to head and neck cancer data. Journal of Industrial and Production Engineering, 2015, 32, 162-173.	2.1	106
164	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
165	Newborn Recognition Using Multimodal Biometric. , 2015, , 4347-4357.		2
166	Biometric Authentication for the Cloud Computing. Advances in Information Security, Privacy, and Ethics Book Series, 2015, , 1-15.	0.4	3
167	Swarm Intelligence for Biometric Feature Optimization. Advances in Computational Intelligence and Robotics Book Series, 2015, , 147-181.	0.4	6
168	Cloud Security Using Ear Biometrics. Advances in Information Security, Privacy, and Ethics Book Series, 2015, , 39-64.	0.4	0
169	Biometric Template Security and Biometric Encryption Using Fuzzy Frameworks. , 2015, , 512-524.		0
170	Digital Video Tampering Detection Techniques. , 2015, , 1315-1325.		0
171	Human Ear Recognition System. , 2015, , 5475-5481.		0
172	Pharmacokinetic and Tissue Distribution Study of Solid Lipid Nanoparticles of Zidovudine in Rats. Journal of Nanotechnology, 2014, 2014, 1-7.	1.5	11
173	Fast and robust passive copy-move forgery detection using SURF and SIFT image features. , 2014, , .		33
174	Passive copy-move forgery detection in videos. , 2014, , .		31
175	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
176	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
177	Multifaceted half-sandwich areneâ€"ruthenium complexes: interactions with biomolecules, photoactivation, and multinuclearity approach. RSC Advances, 2014, 4, 1819-1840.	1.7	75
178	A new upside-down bathtub shaped hazard rate model for survival data analysis. Applied Mathematics and Computation, 2014, 239, 242-253.	1.4	34
179	Estimation for the Parameter of Poisson-Exponential Distribution under Bayesian Paradigm. Journal of Data Science, 2014, 12, 157-173.	0.5	14
180	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

#	ARTICLE	IF	CITATIONS
181	Biometric Recognition for Pet Animal. Journal of Software Engineering and Applications, 2014, 07, 470-482.	0.8	36
182	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
183	Bayesian analysis for Type-II hybrid censored sample from inverse Weibull distribution. International Journal of Systems Assurance Engineering and Management, 2013, 4, 241-248.	1.5	8
184	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
185	Human Identification Using Heartbeat Interval Features and ECG Morphology. Advances in Intelligent Systems and Computing, 2013, , 87-98.	0.5	6
186	Improved and innovative key generation algorithms for biometric cryptosystems. , 2013, , .		7
187	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
188	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
189	Nanocatalysts for hydrogen generation from hydrazine. Catalysis Science and Technology, 2013, 3, 1889.	2.1	117
190	Bayesian estimation of parameters of inverse Weibull distribution. Journal of Applied Statistics, 2013, 40, 1597-1607.	0.6	31
191	A Comparison between Use of Spray and Freeze Drying Techniques for Preparation of Solid Self-Microemulsifying Formulation of Valsartan and <i>In Vitro</i> and <i>In Vivo</i> Evaluation. BioMed Research International, 2013, 2013, 1-13.	0.9	22
192	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
193	Development and Evaluation of Solid Lipid Nanoparticles of Raloxifene Hydrochloride for Enhanced Bioavailability. BioMed Research International, 2013, 2013, 1-9.	0.9	133
194	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
195	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
196	A taxonomy of biometric system vulnerabilities and defences. International Journal of Biometrics, 2013, 5, 137.	0.3	24
197	Identifying Individuals Using Eigenbeat Features of Electrocardiogram. Journal of Engineering (United) Tj ETQq1 1 0.784314 rgBT /Overl	0.5	1
198	Fake Face Database and Preprocessing. , 2013, , .		1

#	ARTICLE	IF	CITATIONS
199	Restoration of digital mammographic images corrupted with quantum noise using an adaptive total variation (TV) based nonlinear filter. , 2012, , .		5
200	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
201	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
202	Face recognition for newborns. IET Biometrics, 2012, 1, 200-208.	1.6	15
203	Can face and soft-biometric traits assist in recognition of newborn?. , 2012, , .		11
204	Fusion of electrocardiogram with unobtrusive biometrics: An efficient individual authentication system. Pattern Recognition Letters, 2012, 33, 1932-1941.	2.6	70
205	Bioelectrical Signals as Emerging Biometrics: Issues and Challenges. ISRN Signal Processing, 2012, 2012, 1-13.	2.9	59
206	Fusion of Ear and Soft-biometrics for Recognition of Newborn. Signal and Image Processing: an International Journal, 2012, 3, 103-116.	0.2	14
207	Newborn Verification Using Headprint. Journal of Information Technology Research, 2012, 5, 15-30.	0.3	5
208	Can Ear and Soft-Biometric Traits Assist in Recognition of Newborn?. Advances in Intelligent and Soft Computing, 2012, , 179-192.	0.2	1
209	Performance of Face Recognition Algorithms on Dummy Faces. Advances in Intelligent and Soft Computing, 2012, , 211-222.	0.2	4
210	Learning based video authentication using statistical local information. , 2011, , .		5
211	Vitality detection from biometrics: State-of-the-art. , 2011, , .		16
212	Noble-Metal-Free Bimetallic Nanoparticle-Catalyzed Selective Hydrogen Generation from Hydrous Hydrazine for Chemical Hydrogen Storage. Journal of the American Chemical Society, 2011, 133, 19638-19641.	6.6	303
213	Fluorescent Zinc(II) Complex Exhibiting â€œ$On\text{-}Off\text{-}On$â€•Switching Toward Cu^{2+} and Ag^{+} Ions. Inorganic Chemistry, 2011, 50, 3189-3197.	1.9	118
214	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
215	Nickel-palladium nanoparticle catalyzed hydrogen generation from hydrous hydrazine for chemical hydrogen storage. International Journal of Hydrogen Energy, 2011, 36, 11794-11801.	3.8	143
216	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

#	Article	IF	Citations
217	Temperature‑Induced Enhancement of Catalytic Performance in Selective Hydrogen Generation from Hydrous Hydrazine with Ni‑Based Nanocatalysts for Chemical Hydrogen Storage. European Journal of Inorganic Chemistry, 2011, 2011, 2232-2237.	1.0	87
218	Newborn's ear recognition: Can it be done?. , 2011, , .		15
219	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
220	Liquid‑Phase Chemical Hydrogen Storage: Catalytic Hydrogen Generation under Ambient Conditions. ChemSusChem, 2010, 3, 541-549.	3.6	396
221	Synthesis and characterization of Ru(IV) and Rh(I) complexes containing phenylimidazole ligands. Journal of Organometallic Chemistry, 2010, 695, 1924-1931.	0.8	6
222	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
223	Extended molecular networks based on Zn and Cd imparting N-substituted imidazole. Inorganica Chimica Acta, 2010, 363, 995-1000.	1.2	8
224	Bimetallic nickel-iridium nanocatalysts for hydrogen generation by decomposition of hydrous hydrazine. Chemical Communications, 2010, 46, 6545.	2.2	181
225	Face recognition for newborns: A preliminary study. , 2010, , .		38
226	Integrating SVM classification with SVD watermarking for intelligent video authentication. Telecommunication Systems, 2009, 40, 5-15.	1.6	17
227	Novel structures based on 1-(4-cyanophenyl)-imidazole resulting from weak bonding interactions. Journal of Molecular Structure, 2009, 935, 1-7.	1.8	4
228	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
229	Combining pores and ridges with minutiae for improved fingerprint verification. Signal Processing, 2009, 89, 2676-2685.	2.1	28
230	Complete Conversion of Hydrous Hydrazine to Hydrogen at Room Temperature for Chemical Hydrogen Storage. Journal of the American Chemical Society, 2009, 131, 18032-18033.	6.6	240
231	Belief Function Theory Based Biometric Match Score Fusion: Case Studies in Multi-instance and Multi-unit Iris Verification. , 2009, , .		5
232	Ruthenium(II), rhodium(III) and iridium(III) based effective catalysts for hydrogenation under aerobic conditions. Polyhedron, 2008, 27, 2877-2882.	1.0	15
233	Reactivity of the Oxime/Oximato Group in Ruthenium(II) Complexes. Inorganic Chemistry, 2008, 47, 11942-11949.	1.9	16
234	Quality Induced Fingerprint Identification using Extended Feature Set. , 2008, , .		15

#	Article	IF	Citations
235	Bayes Estimator of Generalized-Exponential Parameters under Linex Loss Function Using Lindley's Approximation. Data Science Journal, 2008, 7, 65-75.	0.6	23
236	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
237	DS theory based fingerprint classifier fusion with update rule to minimize training time. IEICE Electronics Express, 2006, 3, 429-435.	0.3	6
238	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
239	Helical racemate architecture based on osmium(II)-polypyridyl complexes: Synthesis and structural characterisation. Journal of Organometallic Chemistry, 2005, 690, 3105-3110.	0.8	10
240	Estimation of P (X < Y) for Gompertz distribution based on upper records. International Journal of Modelling and Simulation, 0, , 1-12.	2.3	3
241	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
242	Multimodal Biometrics Recognition for Newborns. Advances in Information Security, Privacy, and Ethics Book Series, 0, , 25-51.	0.4	1
243	Hybrid BFO and PSO Swarm Intelligence Approach for Biometric Feature Optimization. , 0, , 1490-1518.		3
244	Inferences for multiple interval type-I censoring scheme. Journal of Applied Statistics, 0, , 1-20.	0.6	0
245	Information Security Governance Using Biometrics. Advances in Information Security, Privacy, and Ethics Book Series, 0, , 191-224.	0.4	1
246	Intelligent Video Authentication. , 0, , 1-41.		0
247	Swarm Intelligence for Biometric Feature Optimization. , 0, , 830-863.		0
248	Analysis and prediction of COVID-19 spreading through Bayesian modelling with a case study of Uttar Pradesh, India. Opsearch, 0, , 1.	1.1	1