

Mohammad Tanveer

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

2,886
citations

201575

27
h-index

214721

47
g-index

106
all docs

106
docs citations

106
times ranked

1475
citing authors

#	ARTICLE	IF	CITATIONS
1	EEG signal classification using universum support vector machine. Expert Systems With Applications, 2018, 106, 169-182.	4.4	185
2	Machine Learning Techniques for the Diagnosis of Alzheimer's Disease. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-35.	3.0	128
3	Random vector functional link neural network based ensemble deep learning. Pattern Recognition, 2021, 117, 107978.	5.1	116
4	Internet of Things attack detection using hybrid Deep Learning Model. Computer Communications, 2021, 176, 146-154.	3.1	107
5	Diagnosis of Alzheimer's disease using universum support vector machine based recursive feature elimination (USVM-RFE). Biomedical Signal Processing and Control, 2020, 59, 101903.	3.5	106
6	Quantum-enhanced multiobjective large-scale optimization via parallelism. Swarm and Evolutionary Computation, 2020, 57, 100697.	4.5	101
7	Robust and Sparse Linear Programming Twin Support Vector Machines. Cognitive Computation, 2015, 7, 137-149.	3.6	89
8	A reduced universum twin support vector machine for class imbalance learning. Pattern Recognition, 2020, 102, 107150.	5.1	86
9	General twin support vector machine with pinball loss function. Information Sciences, 2019, 494, 311-327.	4.0	82
10	Robust energy-based least squares twin support vector machines. Applied Intelligence, 2016, 45, 174-186.	3.3	80
11	Cost-Effective Video Summarization Using Deep CNN With Hierarchical Weighted Fusion for IoT Surveillance Networks. IEEE Internet of Things Journal, 2020, 7, 4455-4463.	5.5	74
12	Sparse pinball twin support vector machines. Applied Soft Computing Journal, 2019, 78, 164-175.	4.1	73
13	Deep Sparse Representation Classifier for facial recognition and detection system. Pattern Recognition Letters, 2019, 125, 71-77.	2.6	67
14	Comprehensive review on twin support vector machines. Annals of Operations Research, 0, , 1.	2.6	60
15	A robust fuzzy least squares twin support vector machine for class imbalance learning. Applied Soft Computing Journal, 2018, 71, 418-432.	4.1	58
16	Classification of Alzheimer's Disease Using Ensemble of Deep Neural Networks Trained Through Transfer Learning. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 1453-1463.	3.9	58
17	On Lagrangian twin support vector regression. Neural Computing and Applications, 2013, 22, 257-267.	3.2	55
18	Multiobjective Evolution of the Explainable Fuzzy Rough Neural Network With Gene Expression Programming. IEEE Transactions on Fuzzy Systems, 2022, 30, 4190-4200.	6.5	51

#	ARTICLE	IF	CITATIONS
19	An efficient regularized K-nearest neighbor based weighted twin support vector regression. Knowledge-Based Systems, 2016, 94, 70-87.	4.0	49
20	Coincidence and common fixed point theorems for nonlinear contractions in Menger PM spaces. Chaos, Solitons and Fractals, 2009, 42, 3121-3129.	2.5	48
21	Predicting Brain Age Using Machine Learning Algorithms: A Comprehensive Evaluation. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 1432-1440.	3.9	46
22	Comprehensive evaluation of twin SVM based classifiers on UCI datasets. Applied Soft Computing Journal, 2019, 83, 105617.	4.1	42
23	Application of smoothing techniques for linear programming twin support vector machines. Knowledge and Information Systems, 2015, 45, 191-214.	2.1	41
24	Oblique Decision Tree Ensemble via Twin Bounded SVM. Expert Systems With Applications, 2020, 143, 113072.	4.4	38
25	THP: A Novel Authentication Scheme to Prevent Multiple Attacks in SDN-Based IoT Network. IEEE Internet of Things Journal, 2020, 7, 5745-5759.	5.5	37
26	FAF-DRVFL: Fuzzy activation function based deep random vector functional links network for early diagnosis of Alzheimer disease. Applied Soft Computing Journal, 2021, 106, 107371.	4.1	37
27	FDN-ADNet: Fuzzy LS-TWSVM based deep learning network for prognosis of the Alzheimer's disease using the sagittal plane of MRI scans. Applied Soft Computing Journal, 2022, 115, 108099.	4.1	34
28	Least squares KNN-based weighted multiclass twin SVM. Neurocomputing, 2021, 459, 454-464.	3.5	31
29	An efficient implicit regularized Lagrangian twin support vector regression. Applied Intelligence, 2016, 44, 831-848.	3.3	28
30	A novel approach for classification of mental tasks using multiview ensemble learning (MEL). Neurocomputing, 2020, 417, 558-584.	3.5	27
31	A regularization on Lagrangian twin support vector regression. International Journal of Machine Learning and Cybernetics, 2017, 8, 807-821.	2.3	26
32	KNN weighted reduced universum twin SVM for class imbalance learning. Knowledge-Based Systems, 2022, 245, 108578.	4.0	26
33	Newton method for implicit Lagrangian twin support vector machines. International Journal of Machine Learning and Cybernetics, 2015, 6, 1029-1040.	2.3	25
34	LSTSVM classifier with enhanced features from pre-trained functional link network. Applied Soft Computing Journal, 2020, 93, 106305.	4.1	23
35	A novel method for the classification of Alzheimer's disease from normal controls using magnetic resonance imaging. Expert Systems, 2021, 38, .	2.9	23
36	One norm linear programming support vector regression. Neurocomputing, 2016, 173, 1508-1518.	3.5	21

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37	Ensemble of classification models with weighted functional link network. Applied Soft Computing Journal, 2021, 107, 107322.	4.1	21
38	Least squares projection twin support vector clustering (LSPTSVC). Information Sciences, 2020, 533, 1-23.	4.0	20
39	Generalized Twin Support Vector Machines. Neural Processing Letters, 2021, 53, 1545-1564.	2.0	20
40	Fuzzy Logic in Surveillance Big Video Data Analysis. ACM Computing Surveys, 2022, 54, 1-33.	16.1	20
41	An Efficient Angle-based Universum Least Squares Twin Support Vector Machine for Classification. ACM Transactions on Internet Technology, 2021, 21, 1-24.	3.0	20
42	Minimum variance-embedded deep kernel regularized least squares method for one-class classification and its applications to biomedical data. Neural Networks, 2020, 123, 191-216.	3.3	19
43	Neural Style Palette: A Multimodal and Interactive Style Transfer From a Single Style Image. IEEE Transactions on Multimedia, 2021, 23, 2245-2258.	5.2	19
44	Privacy-preserving Time-series Medical Images Analysis Using a Hybrid Deep Learning Framework. ACM Transactions on Internet Technology, 2021, 21, 1-21.	3.0	19
45	Oblique and rotation double random forest. Neural Networks, 2022, 153, 496-517.	3.3	19
46	Pinball Loss Twin Support Vector Clustering. ACM Transactions on Multimedia Computing, Communications and Applications, 2021, 17, 1-23.	3.0	18
47	Automated Identification System for Focal EEG Signals Using Fractal Dimension of FAWT-Based Sub-bands Signals. Advances in Intelligent Systems and Computing, 2019, , 583-596.	0.5	18
48	Spatio-Temporal Self-Attention Network for Fire Detection and Segmentation in Video Surveillance. IEEE Access, 2022, 10, 1259-1275.	2.6	18
49	Remarks on some recent metrical common fixed point theorems. Applied Mathematics Letters, 2011, 24, 1165-1169.	1.5	17
50	Fuzzy least squares projection twin support vector machines for class imbalance learning. Applied Soft Computing Journal, 2021, 113, 107933.	4.1	17
51	Large-scale pinball twin support vector machines. Machine Learning, 2022, 111, 3525-3548.	3.4	17
52	Parkinson's disease diagnosis using neural networks: Survey and comprehensive evaluation. Information Processing and Management, 2022, 59, 102909.	5.4	17
53	Identification of chimera using machine learning. Chaos, 2020, 30, 063128.	1.0	16
54	Multimodal Fusion-Based Deep Learning Network for Effective Diagnosis of Alzheimer's Disease. IEEE MultiMedia, 2022, 29, 45-55.	1.5	16

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55	Alzheimer's Disease Diagnosis via Intuitionistic Fuzzy Random Vector Functional Link Network. IEEE Transactions on Computational Social Systems, 2024, , 1-12.	3.2	16
56	Sample reduction using farthest boundary point estimation (FBPE) for support vector data description (SVDD). Pattern Recognition Letters, 2020, 131, 268-276.	2.6	15
57	On proximal bilateral-weighted fuzzy support vector machine classifiers. International Journal of Advanced Intelligence Paradigms, 2012, 4, 199.	0.2	14
58	Improved universum twin support vector machine. , 2018, , .		14
59	Improved Sparse Pinball Twin SVM. , 2019, , .		14
60	KOC+: Kernel ridge regression based one-class classification using privileged information. Information Sciences, 2019, 504, 324-333.	4.0	13
61	Smooth twin support vector machines via unconstrained convex minimization. Filomat, 2017, 31, 2195-2210.	0.2	13
62	Sparse Twin Support Vector Clustering Using Pinball Loss. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 3776-3783.	3.9	12
63	Regularized robust fuzzy least squares twin support vector machine for class imbalance learning. , 2020, , .		11
64	Fourier-Bessel series expansion based technique for automated classification of focal and non-focal EEG signals. , 2018, , .		10
65	A Semantic Collaboration Method Based on Uniform Knowledge Graph. IEEE Internet of Things Journal, 2020, 7, 4473-4484.	5.5	10
66	A fuzzy universum least squares twin support vector machine (FULSTSVM). Neural Computing and Applications, 2022, 34, 11411-11422.	3.2	10
67	Minimum Variance Embedded Random Vector Functional Link Network. Communications in Computer and Information Science, 2020, , 412-419.	0.4	10
68	Regularized Least Squares Twin SVM for Multiclass Classification. Big Data Research, 2022, 27, 100295.	2.6	10
69	Intuitionistic Fuzzy Weighted Least Squares Twin SVMs. IEEE Transactions on Cybernetics, 2023, 53, 4400-4409.	6.2	10
70	Common fixed points of strict contractions in Menger spaces. Acta Mathematica Hungarica, 2011, 132, 367-386.	0.3	9
71	Common fixed point theorems in modified intuitionistic fuzzy metric spaces with common property (E.A.). Fixed Point Theory and Applications, 2012, 2012, .	1.1	9
72	Classification of seizure and seizure-free EEG signals using Hjorth parameters. , 2018, , .		9

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73	Large-Scale Least Squares Twin SVMs. ACM Transactions on Internet Technology, 2021, 21, 1-19.	3.0	9
74	Linear programming twin support vector regression. Filomat, 2017, 31, 2123-2142.	0.2	9
75	A Secure Face Recognition for IoT-enabled Healthcare System. ACM Transactions on Sensor Networks, 2023, 19, 1-23.	2.3	9
76	Some Common Fixed Point Theorems in Menger PM Spaces. Fixed Point Theory and Applications, 2010, .	1.1	8
77	Entropy based features in FAWT framework for automated detection of epileptic seizure EEG signals. , 2018, , .		8
78	Sparse Pinball Twin Bounded Support Vector Clustering. IEEE Transactions on Computational Social Systems, 2022, 9, 1820-1829.	3.2	8
79	Smooth Newton method for implicit Lagrangian twin support vector regression. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2013, 17, 267-278.	0.7	7
80	Universum least squares twin parametric-margin support vector machine. , 2020, , .		7
81	Sparse support vector machine with pinball loss. Transactions on Emerging Telecommunications Technologies, 2021, 32, e3820.	2.6	7
82	Enabling Artistic Control Over Pattern Density and Stroke Strength. IEEE Transactions on Multimedia, 2021, 23, 2273-2285.	5.2	7
83	Lightweight Face Anti-Spoofing Network for Telehealth Applications. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 1987-1996.	3.9	7
84	Prediction of proteinâ€protein interactions using stacked autoâ€encoder. Transactions on Emerging Telecommunications Technologies, 2022, 33, e4256.	2.6	7
85	Smoothing Technique on Linear Programming Twin Support Vector Machines. International Journal of Machine Learning and Computing, 2013, , 240-244.	0.8	7
86	Brain Age Prediction With Improved Least Squares Twin SVR. IEEE Journal of Biomedical and Health Informatics, 2023, 27, 1661-1669.	3.9	7
87	AEKOC+: Kernel Ridge Regression-Based Auto-Encoder for One-Class Classification Using Privileged Information. Cognitive Computation, 2020, 12, 412-425.	3.6	6
88	Robust General Twin Support Vector Machine with Pinball Loss Function. Studies in Big Data, 2021, , 103-125.	0.8	6
89	Brain age prediction using improved twin SVR. Neural Computing and Applications, 2024, 36, 53-63.	3.2	6
90	Erratum to "Some common fixed point theorems in Menger PM spaces". Fixed Point Theory and Applications, 2011, 2011, .	1.1	4

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91	Study of Clinical Staging and Classification of Retinal Images for Retinopathy of Prematurity (ROP) Screening. , 2018, , .		4
92	Pinball Twin Bounded Support Vector Clustering. , 2021, , .		4
93	An Effective Reliability Evaluation Method for Power Communication Network Based on Community Structure. IEEE Transactions on Industry Applications, 2020, , 1-1.	3.3	3
94	Graph-Embedded Multi-Layer Kernel Ridge Regression for One-Class Classification. Cognitive Computation, 2021, 13, 552-569.	3.6	3
95	A Novel Ensemble Method of RVFL For Classification Problem. , 2021, , .		3
96	Adaptive Ensemble Variants of Random Vector Functional Link Networks. Communications in Computer and Information Science, 2020, , 30-37.	0.4	3
97	Challenges for ocular disease identification in the era of artificial intelligence. Neural Computing and Applications, 2023, 35, 22887-22909.	3.2	3
98	Note on some recent fixed point theorems in fuzzy metric spaces. Journal of Intelligent and Fuzzy Systems, 2014, 26, 811-814.	0.8	2
99	Co-Trained Random Vector Functional Link Network. , 2021, , .		2
100	Reducing rip current drowning: An improved residual based lightweight deep architecture for rip detection. ISA Transactions, 2023, 132, 199-207.	3.1	2
101	Cognitive Task Classification Using Fuzzy Based Empirical Wavelet Transform. , 2018, , .		1
102	Tensor Decomposition for EEG Signals Retrieval. , 2019, , .		1
103	Spontaneous Facial Behavior Analysis Using Deep Transformer-based Framework for Childâ€“computer Interaction. ACM Transactions on Multimedia Computing, Communications and Applications, 2024, 20, 1-17.	3.0	1
104	3D Supervoxel based features for early detection of AD: A microscopic view to the brain MRI. Multimedia Tools and Applications, 0, , 1.	2.6	0