Zhaohong Deng

List of Publications by Year
in descending order

48 papers	2,403 citations	236833 25 h-index	254106 43 g-index
48 all docs	48 docs citations	48 times ranked	1650 citing authors

#	Article	IF	Citations
1	Collaborative Fuzzy Clustering From Multiple Weighted Views. IEEE Transactions on Cybernetics, 2015, 45, 688-701.	6.2	218
2	Generalized Hidden-Mapping Ridge Regression, Knowledge-Leveraged Inductive Transfer Learning for Neural Networks, Fuzzy Systems and Kernel Methods. IEEE Transactions on Cybernetics, 2014, 44, 2585-2599.	6.2	179
3	Seizure Classification From EEG Signals Using Transfer Learning, Semi-Supervised Learning and TSK Fuzzy System. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2017, 25, 2270-2284.	2.7	179
4	Enhanced soft subspace clustering integrating within-cluster and between-cluster information. Pattern Recognition, 2010, 43, 767-781.	5.1	178
5	Recognition of Epileptic EEG Signals Using a Novel Multiview TSK Fuzzy System. IEEE Transactions on Fuzzy Systems, 2017, 25, 3-20.	6.5	157
6	Knowledge-Leverage-Based TSK Fuzzy System Modeling. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 1200-1212.	7.2	113
7	Scalable TSK Fuzzy Modeling for Very Large Datasets Using Minimal-Enclosing-Ball Approximation. IEEE Transactions on Fuzzy Systems, 2011, 19, 210-226.	6.5	112
8	Deep Multi-View Feature Learning for EEG-Based Epileptic Seizure Detection. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 1962-1972.	2.7	109
9	A survey on soft subspace clustering. Information Sciences, 2016, 348, 84-106.	4.0	92
10	Multitask TSK Fuzzy System Modeling by Mining Intertask Common Hidden Structure. IEEE Transactions on Cybernetics, 2015, 45, 534-547.	6.2	89
11	Knowledge-Leverage-Based Fuzzy System and Its Modeling. IEEE Transactions on Fuzzy Systems, 2013, 21, 597-609.	6.5	67
12	Transductive Joint-Knowledge-Transfer TSK FS for Recognition of Epileptic EEG Signals. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2018, 26, 1481-1494.	2.7	67
13	Minimax Probability TSK Fuzzy System Classifier: A More Transparent and Highly Interpretable Classification Model. IEEE Transactions on Fuzzy Systems, 2015, 23, 813-826.	6.5	66
14	Takagi–Sugeno–Kang Transfer Learning Fuzzy Logic System for the Adaptive Recognition of Epileptic Electroencephalogram Signals. IEEE Transactions on Fuzzy Systems, 2016, 24, 1079-1094.	6.5	66
15	T2FELA: Type-2 Fuzzy Extreme Learning Algorithm for Fast Training of Interval Type-2 TSK Fuzzy Logic System. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 664-676.	7.2	62
16	Distance metric learning for soft subspace clustering in composite kernel space. Pattern Recognition, 2016, 52, 113-134.	5.1	61
17	Robust Relief-Feature Weighting, Margin Maximization, and Fuzzy Optimization. IEEE Transactions on Fuzzy Systems, 2010, 18, 726-744.	6.5	56
18	Generalized Hidden-Mapping Transductive Transfer Learning for Recognition of Epileptic Electroencephalogram Signals. IEEE Transactions on Cybernetics, 2019, 49, 2200-2214.	6.2	49

#	Article	IF	Citations
19	Realizing Two-View TSK Fuzzy Classification System by Using Collaborative Learning. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 145-160.	5.9	45
20	Transductive domain adaptive learning for epileptic electroencephalogram recognition. Artificial Intelligence in Medicine, 2014, 62, 165-177.	3.8	39
21	From Minimum Enclosing Ball to Fast Fuzzy Inference System Training on Large Datasets. IEEE Transactions on Fuzzy Systems, 2009, 17, 173-184.	6.5	38
22	Multi-task TSK fuzzy system modeling using inter-task correlation information. Information Sciences, 2015, 298, 512-533.	4.0	31
23	Fuzzy partition based soft subspace clustering and its applications in high dimensional data. Information Sciences, 2013, 246, 133-154.	4.0	30
24	Concise Fuzzy System Modeling Integrating Soft Subspace Clustering and Sparse Learning. IEEE Transactions on Fuzzy Systems, 2019, 27, 2176-2189.	6.5	29
25	Tackling Missing Data in Community Health Studies Using Additive LS-SVM Classifier. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 579-587.	3.9	26
26	Data-Driven Elastic Fuzzy Logic System Modeling: Constructing a Concise System With Human-Like Inference Mechanism. IEEE Transactions on Fuzzy Systems, 2018, 26, 2160-2173.	6.5	25
27	Transfer Representation Learning With TSK Fuzzy System. IEEE Transactions on Fuzzy Systems, 2021, 29, 649-663.	6.5	25
28	Enhanced Knowledge-Leverage-Based TSK Fuzzy System Modeling for Inductive Transfer Learning. ACM Transactions on Intelligent Systems and Technology, 2017, 8, 1-21.	2.9	24
29	circRNA-binding protein site prediction based on multi-view deep learning, subspace learning and multi-view classifier. Briefings in Bioinformatics, 2022, 23, .	3.2	17
30	Cascaded Hidden Space Feature Mapping, Fuzzy Clustering, and Nonlinear Switching Regression on Large Datasets. IEEE Transactions on Fuzzy Systems, 2018, 26, 640-655.	6.5	16
31	A novel multi-task TSK fuzzy classifier and its enhanced version for labeling-risk-aware multi-task classification. Information Sciences, 2016, 357, 39-60.	4.0	15
32	Multi-View Clustering With the Cooperation of Visible and Hidden Views. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 803-815.	4.0	15
33	Multiview Fuzzy Logic System With the Cooperation Between Visible and Hidden Views. IEEE Transactions on Fuzzy Systems, 2019, 27, 1162-1173.	6.5	14
34	An Adaptive Fuzzy-Inference-Rule-Based Flexible Model for Automatic Elastic Image Registration. IEEE Transactions on Fuzzy Systems, 2009, 17, 995-1010.	6.5	12
35	Monotonic relation-constrained Takagi-Sugeno-Kang fuzzy system. Information Sciences, 2022, 582, 243-257.	4.0	11
36	Multitask TSK Fuzzy System Modeling by Jointly Reducing Rules and Consequent Parameters. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4078-4090.	5.9	10

#	Article	IF	Citations
37	Robust TSK Fuzzy System Based on Semisupervised Learning for Label Noise Data. IEEE Transactions on Fuzzy Systems, 2021, 29, 2145-2157.	6.5	9
38	Robust Multi-Label Relief Feature Selection Based on Fuzzy Margin Co-Optimization. IEEE Transactions on Emerging Topics in Computational Intelligence, 2022, 6, 387-398.	3.4	9
39	Knowledge-leverage based TSK fuzzy system with improved knowledge transfer. , 2014, , .		8
40	Detection of Epileptic Seizures in EEG Signals with Rule-Based Interpretation by Random Forest Approach. Lecture Notes in Computer Science, 2015, , 738-744.	1.0	8
41	Robust extreme learning fuzzy systems using ridge regression for small and noisy datasets. , 2017, , .		7
42	Modelâ€driven design of synthetic Nâ€terminal coding sequences for regulating gene expression in yeast and bacteria. Biotechnology Journal, 2022, 17, e2100655.	1.8	7
43	Guest Editorial: Special Issue on New Advances in Deep-Transfer Learning. IEEE Transactions on Emerging Topics in Computational Intelligence, 2019, 3, 357-359.	3.4	5
44	Manifold-Regularized Multitask Fuzzy System Modeling With Low-Rank and Sparse Structures in Consequent Parameters. IEEE Transactions on Fuzzy Systems, 2022, 30, 1486-1500.	6.5	4
45	A Novel Takagiâ€"Sugeno Fuzzy System Modeling Method with Joint Feature Selection and Rule Reduction. , 2018, , .		2
46	Transductive Multiview Modeling With Interpretable Rules, Matrix Factorization, and Cooperative Learning. IEEE Transactions on Cybernetics, 2022, 52, 11226-11239.	6.2	2
47	Fuzzy Clustering with Self-growing Net. International Journal of Fuzzy Systems, 2020, 22, 450-460.	2.3	0
48	Mapping approach for multiscale emulation networks in heterogeneous environments. , 2020, , .		0