Zhen Wang

List of Publications by Year
in descending order

30 papers	916 citations	566801 15 h-index	500791 28 g-index
30 all docs	30 docs citations	30 times ranked	514 citing authors

#	Article	IF	Citations
1	An efficient weighted Lagrangian twin support vector machine for imbalanced data classification. Pattern Recognition, 2014, 47, 3158-3167.	5.1	137
2	A regularization for the projection twin support vector machine. Knowledge-Based Systems, 2013, 37, 203-210.	4.0	99
3	Twin Support Vector Machine for Clustering. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 2583-2588.	7.2	90
4	Weighted linear loss twin support vector machine for large-scale classification. Knowledge-Based Systems, 2015, 73, 276-288.	4.0	72
5	Improved Generalized Eigenvalue Proximal Support Vector Machine. IEEE Signal Processing Letters, 2013, 20, 213-216.	2.1	68
6	A GA-based model selection for smooth twin parametric-margin support vector machine. Pattern Recognition, 2013, 46, 2267-2277.	5.1	58
7	Insensitive stochastic gradient twin support vector machines for large scale problems. Information Sciences, 2018, 462, 114-131.	4.0	40
8	Probabilistic outputs for twin support vector machines. Knowledge-Based Systems, 2012, 33, 145-151.	4.0	39
9	Least squares twin parametric-margin support vector machine for classification. Applied Intelligence, 2013, 39, 451-464.	3.3	39
10	A novel feature selection method for twin support vector machine. Knowledge-Based Systems, 2014, 59, 1-8.	4.0	34
11	Proximal Plane Clustering via Eigenvalues. Procedia Computer Science, 2013, 17, 41-47.	1.2	29
12	Clustering by twin support vector machine and least square twin support vector classifier with uniform output coding. Knowledge-Based Systems, 2019, 163, 227-240.	4.0	26
13	Proximal parametric-margin support vector classifier and its applications. Neural Computing and Applications, 2014, 24, 755-764.	3.2	19
14	Robust bilateral Lp-norm two-dimensional linear discriminant analysis. Information Sciences, 2019, 500, 274-297.	4.0	19
15	Î½-projection twin support vector machine for pattern classification. Neurocomputing, 2020, 376, 10-24.	3.5	19
16	Generalized two-dimensional linear discriminant analysis with regularization. Neural Networks, 2021, 142, 73-91.	3.3	16
17	MBLDA: A novel multiple between-class linear discriminant analysis. Information Sciences, 2016, 369, 199-220.	4.0	14
18	Joint sample and feature selection via sparse primal and dual LSSVM. Knowledge-Based Systems, 2019, 185, 104915.	4.0	14

#	Article	IF	Citations
19	Ramp-based twin support vector clustering. Neural Computing and Applications, 2020, 32, 9885-9896.	3.2	13
20	k-Proximal plane clustering. International Journal of Machine Learning and Cybernetics, 2017, 8, 1537-1554.	2.3	12
21	NPrSVM: Nonparallel sparse projection support vector machine with efficient algorithm. Applied Soft Computing Journal, 2020, 90, 106142.	4.1	10
22	Safe intuitionistic fuzzy twin support vector machine for semi-supervised learning. Applied Soft Computing Journal, 2022, 123, 108906.	4.1	10
23	General Plane-Based Clustering With Distribution Loss. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3880-3893.	7.2	9
24	Minimum deviation distribution machine for large scale regression. Knowledge-Based Systems, 2018, 146, 167-180.	4.0	8
25	Semisupervised Fuzzy Clustering With Fuzzy Pairwise Constraints. IEEE Transactions on Fuzzy Systems, 2022, 30, 3797-3811.	6.5	8
26	Robust k-subspace discriminant clustering. Applied Soft Computing Journal, 2019, 85, 105858.	4.1	6
27	Multiple Flat Projections for Cross-Manifold Clustering. IEEE Transactions on Cybernetics, 2022, 52, 7704-7718.	6.2	6
28	Locality Sensitive Proximal Classifier with Consistency for Small Sample Size Problem. , 2015, , .		1
29	Divergent Projection Analysis for Unsupervised Dimensionality Reduction. Procedia Computer Science, 2022, 199, 384-391.	1.2	1
30	Reversible Discriminant Analysis. IEEE Access, 2018, 6, 72551-72562.	2.6	0