

# Wei-Jie Chen

## List of Publications by Year in descending order

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35  
papers

1,115  
citations

471371

17  
h-index

454834

30  
g-index

35  
all docs

35  
docs citations

35  
times ranked

632  
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	Nonparallel hyperplane support vector machine for binary classification problems. Information Sciences, 2014, 263, 22-35.	4.0	130
3	MLTSVM: A novel twin support vector machine to multi-label learning. Pattern Recognition, 2016, 52, 61-74.	5.1	109
4	A regularization for the projection twin support vector machine. Knowledge-Based Systems, 2013, 37, 203-210.	4.0	99
5	Weighted linear loss twin support vector machine for large-scale classification. Knowledge-Based Systems, 2015, 73, 276-288.	4.0	72
6	Improved Generalized Eigenvalue Proximal Support Vector Machine. IEEE Signal Processing Letters, 2013, 20, 213-216.	2.1	68
7	Laplacian smooth twin support vector machine for semi-supervised classification. International Journal of Machine Learning and Cybernetics, 2014, 5, 459-468.	2.3	65
8	Laplacian least squares twin support vector machine for semi-supervised classification. Neurocomputing, 2014, 145, 465-476.	3.5	43
9	Probabilistic outputs for twin support vector machines. Knowledge-Based Systems, 2012, 33, 145-151.	4.0	39
10	Least squares twin parametric-margin support vector machine for classification. Applied Intelligence, 2013, 39, 451-464.	3.3	39
11	The Best Separating Decision Tree Twin Support Vector Machine for Multi-Class Classification. Procedia Computer Science, 2013, 17, 1032-1038.	1.2	39
12	Manifold proximal support vector machine for semi-supervised classification. Applied Intelligence, 2014, 40, 623-638.	3.3	37
13	Smooth pinball loss nonparallel support vector machine for robust classification. Applied Soft Computing Journal, 2021, 98, 106840.	4.1	29
14	A proximal classifier with consistency. Knowledge-Based Systems, 2013, 49, 171-178.	4.0	26
15	Large Margin Partial Label Machine. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 2594-2608.	7.2	24
16	$\hat{\eta}/2$ -projection twin support vector machine for pattern classification. Neurocomputing, 2020, 376, 10-24.	3.5	19
17	Laplacian unit-hyperplane learning from positive and unlabeled examples. Information Sciences, 2015, 314, 152-168.	4.0	17
18	Generalized two-dimensional linear discriminant analysis with regularization. Neural Networks, 2021, 142, 73-91.	3.3	16

#	ARTICLE	IF	CITATIONS
19	Robust recursive absolute value inequalities discriminant analysis with sparseness. <i>Neural Networks</i> , 2017, 93, 205-218.	3.3	14
20	Robust L1-norm multi-weight vector projection support vector machine with efficient algorithm. <i>Neurocomputing</i> , 2018, 315, 345-361.	3.5	13
21	2DRLPP: Robust two-dimensional locality preserving projection with regularization. <i>Knowledge-Based Systems</i> , 2019, 169, 53-66.	4.0	13
22	SOBP: a sender-designated opportunistic broadcast protocol for VANET. <i>Telecommunication Systems</i> , 2013, 53, 453-467.	1.6	12
23	NPrSVM: Nonparallel sparse projection support vector machine with efficient algorithm. <i>Applied Soft Computing Journal</i> , 2020, 90, 106142.	4.1	10
24	Minimum deviation distribution machine for large scale regression. <i>Knowledge-Based Systems</i> , 2018, 146, 167-180.	4.0	8
25	A Coverage Enhancement Method of Directional Sensor Network Based on Genetic Algorithm for Occlusion-Free Surveillance. , 2010, , .		7
26	A Trace Lasso Regularized Robust Nonparallel Proximal Support Vector Machine for Noisy Classification. <i>IEEE Access</i> , 2019, 7, 47171-47184.	2.6	7
27	Multiple Flat Projections for Cross-Manifold Clustering. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 7704-7718.	6.2	6
28	Improving Lap-TSVM with Successive Overrelaxation and Differential Evolution. <i>Procedia Computer Science</i> , 2013, 17, 33-40.	1.2	5
29	A proximal classifier with positive and negative local regions. <i>Neurocomputing</i> , 2014, 145, 131-139.	3.5	5
30	PFL: Proactive Fuzzy-logic-based AQM Algorithm for Best-effort Networks. , 2010, , .		3
31	MPMSVC: Multiple Parametric-Margin Support Vector Clustering. <i>IEEE Access</i> , 2021, 9, 24499-24512.	2.6	2
32	A Multiclass Nonparallel Parametric-Margin Support Vector Machine. <i>Information (Switzerland)</i> , 2021, 12, 515.	1.7	2
33	Ensemble learning for generalised eigenvalues proximal support vector machines. <i>International Journal of Computer Applications in Technology</i> , 2013, 47, 273.	0.3	0
34	Rectified Encoder Network for High-Dimensional Imbalanced Learning. <i>Lecture Notes in Computer Science</i> , 2019, , 684-697.	1.0	0
35	Notes on Carex (Cyperaceae) from China (VII): new synonyms and imperfectly known species. <i>Phytotaxa</i> , 2022, 531, 54-62.	0.1	0