Yuh-Jye Lee

List of Publications by Year
in descending order

35 papers	**1,814** citations	840776 **11** h-index	794594 **19** g-index
35 all docs	**35** docs citations	**35** times ranked	**1282** citing authors

#	Article	IF	Citations
1	SSVM: A Smooth Support Vector Machine for Classification. Computational Optimization and Applications, 2001, 20, 5-22.	1.6	435
2	RSVM: Reduced Support Vector Machines. , 2001, , .		409
3	Reduced Support Vector Machines: A Statistical Theory. IEEE Transactions on Neural Networks, 2007, 18, 1-13.	4.2	201
4	Anomaly Detection via Online Oversampling Principal Component Analysis. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 1460-1470.	5.7	167
5	/spl epsi/-SSVR: a smooth support vector machine for /spl epsi/-insensitive regression. IEEE Transactions on Knowledge and Data Engineering, 2005, 17, 678-685.	5.7	125
6	Model selection for support vector machines via uniform design. Computational Statistics and Data Analysis, 2007, 52, 335-346.	1.2	121
7	Variable selection and oversampling in the use of smooth support vector machines for predicting the default risk of companies. Journal of Forecasting, 2009, 28, 512-534.	2.8	71
8	Nonlinear Dimension Reduction with Kernel Sliced Inverse Regression. IEEE Transactions on Knowledge and Data Engineering, 2009, 21, 1590-1603.	5.7	46
9	Locality-constrained group sparse representation for robust face recognition. , 2011, , .		45
10	Malicious URL filtering &#x2014; A big data application. , 2013, , .		31
11	A novel framework for multi-class classification via ternary smooth support vector machine. Pattern Recognition, 2011, 44, 1235-1244.	8.1	26
12	A study on anomaly detection ensembles. Journal of Applied Logic, 2017, 21, 1-13.	1.1	16
13	Multiclass support vector classification via coding and regression. Neurocomputing, 2010, 73, 1501-1512.	5.9	15
14	Incremental Forward Feature Selection with Application to Microarray Gene Expression Data. Journal of Biopharmaceutical Statistics, 2008, 18, 827-840.	0.8	14
15	Clock Skew Based Client Device Identification in Cloud Environments. , 2012, , .		14
16	Malicious URL Detection Based on Kolmogorov Complexity Estimation. , 2012, , .		11
17	An RSVM based two-teachers–one-student semi-supervised learning algorithm. Neural Networks, 2012, 25, 57-69.	5.9	11
18	Generating the Reduced Set by Systematic Sampling. Lecture Notes in Computer Science, 2004, , 720-725.	1.3	9

#	Article	IF	Citations
19	Two smooth support vector machines for $$varepsilon$$ ϵ -insensitive regression. Computational Optimization and Applications, 2018, 70, 171-199.	1.6	9
20	Periodic step-size adaptation in second-order gradient descent for single-pass on-line structured learning. Machine Learning, 2009, 77, 195-224.	5.4	6
21	A Passive-Aggressive Algorithm for Semi-supervised Learning. , 2010, , .		6
22	Clustering Model Selection for Reduced Support Vector Machines. Lecture Notes in Computer Science, 2004, , 714-719.	1.3	6
23	Introduction to Support Vector Machines and Their Applications in Bankruptcy Prognosis. , 2012, , 731-761.		4
24	Model Trees for Classification of Hybrid Data Types. Lecture Notes in Computer Science, 2005, , 32-39.	1.3	3
25	Rejoinder to 'Statistical learning methods for information security: fundamentals and case studies'. Applied Stochastic Models in Business and Industry, 2015, 31, 119-121.	1.5	2
26	The Default Risk of Firms Examined with Smooth Support Vector Machines. SSRN Electronic Journal, 0, , .	0.4	2
27	Data Visualization via Kernel Machines. , 2008, , 539-559.		2
28	Robust 1-Norm Soft Margin Smooth Support Vector Machine. Lecture Notes in Computer Science, 2010, , 145-152.	1.3	2
29	Smooth LASSO for Classification. , 2010, , .		1
30	Continuous Monitoring and Distributed Anomaly Detection for Ambient Factors. , 2014, , .		1
31	ChainSpot: Mining Service Logs for Cyber Security Threat Detection. , 2016, , .		1
32	Distributed Consensus Reduced Support Vector Machine. , 2019, , .		1
33	A Unified Approach on Active Learning Dual Supervision. , 2019, , .		1
34	Sparse sampling for sensing temporal data â€" building an optimized envelope. , 2016, , .		0
35	Continuous Monitoring of the Ambient Factors via ϵ-Smooth Support Vector Regression. Proceedings (mdpi), 2019, 31, 63.	0.2	0