

# Zhao Lu

## List of Publications by Year in descending order

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23  
papers

158  
citations

1477746

6  
h-index

1473754

9  
g-index

24  
all docs

24  
docs citations

24  
times ranked

119  
citing authors

#	ARTICLE	IF	CITATIONS
1	Resolvent and new activation functions for linear programming kernel sparse learning. <i>Advances in Computational Intelligence</i> , 2022, 2, .	0.7	0
2	Coalitional integration of wind turbines via cooperative energy trading in distributed power system. , 2018, , .		3
3	Multiscale Support Vector Learning With Projection Operator Wavelet Kernel for Nonlinear Dynamical System Identification. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017, 28, 231-243.	7.2	6
4	Bilinear generating functions in Kernel sparse modeling and learning: Towards the kernel engineering. , 2017, , .		0
5	On numerical range of $sp(2n, C)$ . <i>Special Matrices</i> , 2016, 4, .	0.2	0
6	A multi-scale non-parametric and parametric hybrid multi-category recognition algorithm with probabilistic outputs. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2015, 27, 487-500.	1.8	0
7	Multiscale Asymmetric Orthogonal Wavelet Kernel for Linear Programming Support Vector Learning and Nonlinear Dynamic Systems Identification. <i>IEEE Transactions on Cybernetics</i> , 2014, 44, 712-724.	6.2	11
8	Closed-form projection operator wavelet kernels in support vector learning for nonlinear dynamical systems identification. , 2013, , .		1
9	Parametrization and adaptation of gasoline engine air system model via linear programming Support Vector Regression. , 2012, , .		3
10	Linear Programming SVM-ARMA $_{2K}$ With Application in Engine System Identification. <i>IEEE Transactions on Automation Science and Engineering</i> , 2011, 8, 846-854.	3.4	13
11	Polychotomous kernel Fisher discriminant via top-down induction of binary tree. <i>Computers and Mathematics With Applications</i> , 2010, 60, 511-519.	1.4	1
12	Application of linear programming SVM-ARMA $_{2K}$ for dynamic engine modeling. , 2010, , .		1
13	An Adaptive Fuzzy Classifier Approach to Edge Detection in Latent Fingerprint Images. , 2010, , .		3
14	Dynamic engine modeling through linear programming Support Vector Regression. , 2009, , .		1
15	Linear programming support vector regression with wavelet kernel: A new approach to nonlinear dynamical systems identification. <i>Mathematics and Computers in Simulation</i> , 2009, 79, 2051-2063.	2.4	39
16	Non-Mercer hybrid kernel for linear programming support vector regression in nonlinear systems identification. <i>Applied Soft Computing Journal</i> , 2009, 9, 94-99.	4.1	43
17	A New Topology for Artificial Higher Order Neural Networks. , 2009, , 430-441.		3
18	Soft-constrained Linear Programming Support Vector Regression for Nonlinear Black-box Systems Identification. , 2008, , 137-147.		4

#	ARTICLE	IF	CITATIONS
19	DESIGN OF DECISION TREE VIA KERNELIZED HIERARCHICAL CLUSTERING FOR MULTICLASS SUPPORT VECTOR MACHINES. <i>Cybernetics and Systems</i> , 2007, 38, 187-202.	1.6	7
20	MULTIPLE SLIDING SURFACE CONTROL FOR SYSTEMS IN NONLINEAR BLOCK CONTROLLABLE FORM. <i>Cybernetics and Systems</i> , 2005, 36, 513-526.	1.6	3
21	TRACKING CONTROL OF NONLINEAR SYSTEMS: A SLIDING MODE DESIGN VIA CHAOTIC OPTIMIZATION. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2004, 14, 1343-1355.	0.7	8
22	Multi-class support vector machines for modeling HIV/AIDS treatment adherence using patient data. , 0, , .		2
23	Improving Sparsity in Kernelized Nonlinear Feature Extraction Algorithms by Polynomial Kernel Higher Order Neural Networks. , 0, , 223-238.		6