

# Zhao Lu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7802718/publications.pdf>

Version: 2024-02-01

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	Non-Mercer hybrid kernel for linear programming support vector regression in nonlinear systems identification. Applied Soft Computing Journal, 2009, 9, 94-99.	4.1	43
2	Linear programming support vector regression with wavelet kernel: A new approach to nonlinear dynamical systems identification. Mathematics and Computers in Simulation, 2009, 79, 2051-2063.	2.4	39
3	Linear Programming SVM-ARMA <sub>m</sub> With Application in Engine System Identification. IEEE Transactions on Automation Science and Engineering, 2011, 8, 846-854.	3.4	13
4	Multiscale Asymmetric Orthogonal Wavelet Kernel for Linear Programming Support Vector Learning and Nonlinear Dynamic Systems Identification. IEEE Transactions on Cybernetics, 2014, 44, 712-724.	6.2	11
5	TRACKING CONTROL OF NONLINEAR SYSTEMS: A SLIDING MODE DESIGN VIA CHAOTIC OPTIMIZATION. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2004, 14, 1343-1355.	0.7	8
6	DESIGN OF DECISION TREE VIA KERNELIZED HIERARCHICAL CLUSTERING FOR MULTICLASS SUPPORT VECTOR MACHINES. Cybernetics and Systems, 2007, 38, 187-202.	1.6	7
7	Multiscale Support Vector Learning With Projection Operator Wavelet Kernel for Nonlinear Dynamical System Identification. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 231-243.	7.2	6
8	Improving Sparsity in Kernelized Nonlinear Feature Extraction Algorithms by Polynomial Kernel Higher Order Neural Networks. , 0, , 223-238.		6
9	Soft-constrained Linear Programming Support Vector Regression for Nonlinear Black-box Systems Identification. , 2008, , 137-147.		4
10	MULTIPLE SLIDING SURFACE CONTROL FOR SYSTEMS IN NONLINEAR BLOCK CONTROLLABLE FORM. Cybernetics and Systems, 2005, 36, 513-526.	1.6	3
11	An Adaptive Fuzzy Classifier Approach to Edge Detection in Latent Fingerprint Images. , 2010, , .		3
12	Parametrization and adaptation of gasoline engine air system model via linear programming Support Vector Regression. , 2012, , .		3
13	Coalitional integration of wind turbines via cooperative energy trading in distributed power system. , 2018, , .		3
14	A New Topology for Artificial Higher Order Neural Networks. , 2009, , 430-441.		3
15	Multi-class support vector machines for modeling HIV/AIDS treatment adherence using patient data. , 0, , .		2
16	Dynamic engine modeling through linear programming Support Vector Regression. , 2009, , .		1
17	Polychotomous kernel Fisher discriminant via top-down induction of binary tree. Computers and Mathematics With Applications, 2010, 60, 511-519.	1.4	1
18	Application of linear programming SVM-ARMA <sub>m</sub> for dynamic engine modeling. , 2010, , .		1

#	ARTICLE	IF	CITATIONS
19	Closed-form projection operator wavelet kernels in support vector learning for nonlinear dynamical systems identification. , 2013, , .		1
20	A multi-scale non-parametric and parametric hybrid multi-category recognition algorithm with probabilistic outputs. Journal of Experimental and Theoretical Artificial Intelligence, 2015, 27, 487-500.	1.8	0
21	On numerical range of $sp(2n, C)$ . Special Matrices, 2016, 4, .	0.2	0
22	Bilinear generating functions in Kernel sparse modeling and learning: Towards the kernel engineering. , 2017,, .		0
23	Resolvent and new activation functions for linear programming kernel sparse learning. Advances in Computational Intelligence, 2022, 2, .	0.7	0