

Yinggan Tang

List of Publications by Year in descending order

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46
papers

838
citations

567144

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46
docs citations

46
times ranked

839
citing authors

#	ARTICLE	IF	CITATIONS
1	Fractional order sliding mode controller design for antilock braking systems. <i>Neurocomputing</i> , 2013, 111, 122-130.	3.5	104
2	Optimal fractional order PID controller design for automatic voltage regulator system based on reference model using particle swarm optimization. <i>International Journal of Machine Learning and Cybernetics</i> , 2017, 8, 1595-1605.	2.3	67
3	Parameter identification of fractional order systems using block pulse functions. <i>Signal Processing</i> , 2015, 107, 272-281.	2.1	63
4	Parameter identification of commensurate fractional-order chaotic system via differential evolution. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2012, 376, 457-464.	0.9	62
5	Identification of fractional-order systems with time delays using block pulse functions. <i>Mechanical Systems and Signal Processing</i> , 2017, 91, 382-394.	4.4	47
6	Identification of nonlinear system using extreme learning machine based Hammerstein model. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2014, 19, 3171-3183.	1.7	42
7	Identification of Hammerstein model using functional link artificial neural network. <i>Neurocomputing</i> , 2014, 142, 419-428.	3.5	42
8	Application of a new image segmentation method to detection of defects in castings. <i>International Journal of Advanced Manufacturing Technology</i> , 2009, 43, 431-439.	1.5	39
9	Optimal gray PID controller design for automatic voltage regulator system via imperialist competitive algorithm. <i>International Journal of Machine Learning and Cybernetics</i> , 2016, 7, 229-240.	2.3	29
10	Image Bi-Level Thresholding Based on Gray Level-Local Variance Histogram. <i>Entropy</i> , 2017, 19, 191.	1.1	28
11	Image Thresholding Segmentation Based on Two Dimensional Histogram Using Gray Level and Local Entropy Information. <i>IEEE Access</i> , 2018, 6, 5269-5275.	2.6	26
12	Fuzzy PID control of epileptiform spikes in a neural mass model. <i>Nonlinear Dynamics</i> , 2013, 71, 13-23.	2.7	24
13	Modeling of the hot metal silicon content in blast furnace using support vector machine optimized by an improved particle swarm optimizer. <i>Neural Computing and Applications</i> , 2016, 27, 1451-1461.	3.2	19
14	Ill-posed Echo State Network based on L-curve Method for Prediction of Blast Furnace Gas Flow. <i>Neural Processing Letters</i> , 2016, 43, 97-113.	2.0	18
15	Nonlinear system identification using least squares support vector machine tuned by an adaptive particle swarm optimization. <i>International Journal of Machine Learning and Cybernetics</i> , 2015, 6, 981-992.	2.3	15
16	Identification and control of nonlinear system based on Laguerre-ELM Wiener model. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2016, 38, 192-205.	1.7	15
17	A time-varying forgetting factor stochastic gradient combined with Kalman filter algorithm for parameter identification of dynamic systems. <i>Nonlinear Dynamics</i> , 2014, 78, 1943-1952.	2.7	14
18	Parameter identification of fractional-order chaotic system with time delay via multi-selection differential evolution. <i>Systems Science and Control Engineering</i> , 2017, 5, 42-48.	1.8	14

#	ARTICLE	IF	CITATIONS
19	A changing forgetting factor RLS for online identification of nonlinear systems based on ELM's Hammerstein model. <i>Neural Computing and Applications</i> , 2017, 28, 813-827.	3.2	14
20	Parameter identification of fractional order systems with nonzero initial conditions based on block pulse functions. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 158, 107684.	2.5	14
21	Design and Implementation of Novel Fractional-Order Controllers for Stabilized Platforms. <i>IEEE Access</i> , 2020, 8, 93133-93144.	2.6	14
22	Segmentation of Microscopic Images for Counting Leukocytes. , 2008, , .		13
23	Identification of chaotic system using Hammerstein-ELM model. <i>Nonlinear Dynamics</i> , 2015, 81, 1081-1095.	2.7	13
24	Application of ELM's Hammerstein model to the identification of solid oxide fuel cells. <i>Neural Computing and Applications</i> , 2018, 29, 401-411.	3.2	13
25	Stability Analysis and Estimation of Domain of Attraction for Positive Polynomial Fuzzy Systems With Input Saturation. <i>IEEE Transactions on Fuzzy Systems</i> , 2020, 28, 1723-1736.	6.5	11
26	An Artificial Bee Colony Optimization Algorithm Based on Multi-exchange Neighborhood. , 2012, , .		10
27	Identification of Wiener Model Using Least Squares Support Vector Machine Optimized by Adaptive Particle Swarm Optimization. <i>Journal of Control, Automation and Electrical Systems</i> , 2015, 26, 609-615.	1.2	9
28	Nonlocal Means Two Dimensional Histogram-Based Image Segmentation via Minimizing Relative Entropy. <i>Entropy</i> , 2018, 20, 827.	1.1	7
29	More relaxed stability analysis and positivity analysis for positive polynomial fuzzy systems via membership functions dependent method. <i>Fuzzy Sets and Systems</i> , 2022, 432, 111-131.	1.6	7
30	Estimation of Domain of Attraction for Discrete-Time Positive Interval Type-2 Polynomial Fuzzy Systems With Input Saturation. <i>IEEE Transactions on Fuzzy Systems</i> , 2022, 30, 397-411.	6.5	7
31	Multi-resolution image segmentation based on Gaussian mixture model. <i>Journal of Systems Engineering and Electronics</i> , 2006, 17, 870-874.	1.1	6
32	Stabilization Analysis and Impulsive Controller Design for Positive Interval Type-2 Polynomial Fuzzy Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2022, 30, 3952-3966.	6.5	5
33	Image thresholding based on gray level's fuzzy local entropy histogram. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2018, 13, 627-631.	0.8	4
34	Ship roll motion prediction based on a 1 regularized extreme learning machine. <i>PLoS ONE</i> , 2018, 13, e0206476.	1.1	4
35	Numerical solution of fractional differential equations using hybrid Bernoulli polynomials and block pulse functions. <i>Mathematical Sciences</i> , 2021, 15, 293-304.	1.0	3
36	Identification of linear time-varying fractional order systems using block pulse functions based on repetitive principle. <i>ISA Transactions</i> , 2022, 123, 218-229.	3.1	3

#	ARTICLE	IF	CITATIONS
37	Wiener model identification of blast furnace ironmaking process based on Laguerre filter and linear programming support vector regression. , 2014, , .		2
38	A new method for solving variable coefficients fractional differential equations based on a hybrid of Bernoulli polynomials and block pulse functions. Mathematical Methods in the Applied Sciences, 2023, 46, 8054-8073.	1.2	2
39	Solving fractional differential equations using collocation method based on hybrid of block-pulse functions and Taylor polynomials. Turkish Journal of Mathematics, 2021, 45, 1065-1078.	0.3	2
40	Parameter Identification of Fractional Order Systems Using a Hybrid of Bernoulli Polynomials and Block Pulse Functions. IEEE Access, 2021, 9, 40178-40186.	2.6	2
41	Operational matrix based set-membership method for fractional order systems parameter identification. Journal of the Franklin Institute, 2021, 358, 10141-10164.	1.9	2
42	Modified Fuzzy Linear Discriminant Analysis for Threshold Selection. Circuits, Systems, and Signal Processing, 2013, 32, 711-726.	1.2	1
43	Chaotic system identification using Wiener's LSVM model. IEEJ Transactions on Electrical and Electronic Engineering, 2016, 11, 499-507.	0.8	1
44	Solving fractional differential equation using block-pulse functions and Bernstein polynomials. Mathematical Methods in the Applied Sciences, 2021, 44, 5501-5519.	1.2	1
45	Convolutional neural network with gradient information for image super-resolution. , 2016, , .		0
46	CONTINUOUS-TIME FRACTIONAL ORDER LINEAR SYSTEMS IDENTIFICATION USING CHEBYSHEV WAVELET. Eurasian Union of Scientists, 2020, 6, 23-28.	0.0	0