

# Yong He

## List of Publications by Year in descending order

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587  
papers

30,290  
citations

4383

86  
h-index

7736

150  
g-index

590  
all docs

590  
docs citations

590  
times ranked

13575  
citing authors

#	ARTICLE	IF	CITATIONS
1	Delay-dependent criteria for robust stability of time-varying delay systems. <i>Automatica</i> , 2004, 40, 1435-1439.	3.0	995
2	Delay-range-dependent stability for systems with time-varying delay. <i>Automatica</i> , 2007, 43, 371-376.	3.0	855
3	Theory and application of near infrared reflectance spectroscopy in determination of food quality. <i>Trends in Food Science and Technology</i> , 2007, 18, 72-83.	7.8	722
4	Further Improvement of Free-Weighting Matrices Technique for Systems With Time-Varying Delay. <i>IEEE Transactions on Automatic Control</i> , 2007, 52, 293-299.	3.6	687
5	Free-Matrix-Based Integral Inequality for Stability Analysis of Systems With Time-Varying Delay. <i>IEEE Transactions on Automatic Control</i> , 2015, 60, 2768-2772.	3.6	676
6	Parameter-Dependent Lyapunov Functional for Stability of Time-Delay Systems With Polytopic-Type Uncertainties. <i>IEEE Transactions on Automatic Control</i> , 2004, 49, 828-832.	3.6	644
7	Delay-dependent robust stability criteria for uncertain neutral systems with mixed delays. <i>Systems and Control Letters</i> , 2004, 51, 57-65.	1.3	634
8	Delay-dependent stabilization of linear systems with time-varying state and input delays. <i>Automatica</i> , 2005, 41, 1405-1412.	3.0	489
9	New Delay-Dependent Stability Criteria for Neural Networks With Time-Varying Delay. <i>IEEE Transactions on Neural Networks</i> , 2007, 18, 310-314.	4.8	468
10	Long noncoding RNAs: Novel insights into hepatocellular carcinoma. <i>Cancer Letters</i> , 2014, 344, 20-27.	3.2	377
11	New Delay-Dependent Stability Criteria and Stabilizing Method for Neutral Systems. <i>IEEE Transactions on Automatic Control</i> , 2004, 49, 2266-2271.	3.6	363
12	An extended reciprocally convex matrix inequality for stability analysis of systems with time-varying delay. <i>Automatica</i> , 2017, 85, 481-485.	3.0	353
13	New results on stability analysis for systems with discrete distributed delay. <i>Automatica</i> , 2015, 60, 189-192.	3.0	318
14	Delay-Dependent Robust Load Frequency Control for Time Delay Power Systems. <i>IEEE Transactions on Power Systems</i> , 2013, 28, 2192-2201.	4.6	294
15	Output Feedback Stabilization for a Discrete-Time System With a Time-Varying Delay. <i>IEEE Transactions on Automatic Control</i> , 2008, 53, 2372-2377.	3.6	286
16	Stabilization for Markovian jump systems with partial information on transition probability based on free-connection weighting matrices. <i>Automatica</i> , 2011, 47, 79-84.	3.0	279
17	A new looped-functional for stability analysis of sampled-data systems. <i>Automatica</i> , 2017, 82, 328-331.	3.0	271
18	Fruit Quality Evaluation Using Spectroscopy Technology: A Review. <i>Sensors</i> , 2015, 15, 11889-11927.	2.1	265

#	ARTICLE	IF	CITATIONS
19	Stability Analysis for Neural Networks With Time-Varying Interval Delay. IEEE Transactions on Neural Networks, 2007, 18, 1850-1854.	4.8	264
20	Stability analysis of systems with time-varying delay via relaxed integral inequalities. Systems and Control Letters, 2016, 92, 52-61.	1.3	258
21	Stability Analysis and Robust Control of Time-Delay Systems. , 2010, , .		252
22	Notes on Stability of Time-Delay Systems: Bounding Inequalities and Augmented Lyapunov-Krasovskii Functionals. IEEE Transactions on Automatic Control, 2017, 62, 5331-5336.	3.6	247
23	Augmented Lyapunov functional and delay-dependent stability criteria for neutral systems. International Journal of Robust and Nonlinear Control, 2005, 15, 923-933.	2.1	241
24	Overview of recent advances in stability of linear systems with time-varying delays. IET Control Theory and Applications, 2019, 13, 1-16.	1.2	223
25	Stability Analysis of Discrete-Time Neural Networks With Time-Varying Delay via an Extended Reciprocally Convex Matrix Inequality. IEEE Transactions on Cybernetics, 2017, 47, 3040-3049.	6.2	213
26	Stability Analysis for Delayed Neural Networks Considering Both Conservativeness and Complexity. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 1486-1501.	7.2	207
27	Delay-Dependent Stability Criteria for Generalized Neural Networks With Two Delay Components. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 1263-1276.	7.2	206
28	Delay-dependent stability analysis of neural networks with time-varying delay: A generalized free-weighting-matrix approach. Applied Mathematics and Computation, 2017, 294, 102-120.	1.4	199
29	A relaxed quadratic function negative-determination lemma and its application to time-delay systems. Automatica, 2020, 113, 108764.	3.0	194
30	Delay-Dependent State Estimation for Delayed Neural Networks. IEEE Transactions on Neural Networks, 2006, 17, 1077-1081.	4.8	193
31	Delay-dependent exponential stability of delayed neural networks with time-varying delay. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2006, 53, 553-557.	2.3	191
32	Study on infrared spectroscopy technique for fast measurement of protein content in milk powder based on LS-SVM. Journal of Food Engineering, 2008, 84, 124-131.	2.7	189
33	Discrimination of varieties of tea using near infrared spectroscopy by principal component analysis and BP model. Journal of Food Engineering, 2007, 79, 1238-1242.	2.7	185
34	Variety Identification of Single Rice Seed Using Hyperspectral Imaging Combined with Convolutional Neural Network. Applied Sciences (Switzerland), 2018, 8, 212.	1.3	180
35	Further Results on Delay-Dependent Stability of Multi-Area Load Frequency Control. IEEE Transactions on Power Systems, 2013, 28, 4465-4474.	4.6	174
36	Hyperspectral imaging analysis for ripeness evaluation of strawberry with support vector machine. Journal of Food Engineering, 2016, 179, 11-18.	2.7	166

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37	Hybrid variable selection in visible and near-infrared spectral analysis for non-invasive quality determination of grape juice. <i>Analytica Chimica Acta</i> , 2010, 659, 229-237.	2.6	163
38	Rapid prediction of moisture content of dehydrated prawns using online hyperspectral imaging system. <i>Analytica Chimica Acta</i> , 2012, 726, 57-66.	2.6	161
39	Application of long-wave near infrared hyperspectral imaging for measurement of color distribution in salmon fillet. <i>Innovative Food Science and Emerging Technologies</i> , 2012, 16, 361-372.	2.7	159
40	Global exponential stability of neural networks with time-varying delay based on free-matrix-based integral inequality. <i>Neural Networks</i> , 2016, 77, 80-86.	3.3	152
41	Complete Delay-Decomposing Approach to Asymptotic Stability for Neural Networks With Time-Varying Delays. <i>IEEE Transactions on Neural Networks</i> , 2011, 22, 806-812.	4.8	151
42	Delay-Variation-Dependent Stability of Delayed Discrete-Time Systems. <i>IEEE Transactions on Automatic Control</i> , 2016, 61, 2663-2669.	3.6	151
43	Multimaterial 3D Printing of Highly Stretchable Silicone Elastomers. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 23573-23583.	4.0	151
44	Application of Visible and Near Infrared Hyperspectral Imaging to Differentiate Between Fresh and Frozen Thawed Fish Fillets. <i>Food and Bioprocess Technology</i> , 2013, 6, 2931-2937.	2.6	144
45	Sampled-data-based dissipative control of T-S fuzzy systems. <i>Applied Mathematical Modelling</i> , 2019, 65, 415-427.	2.2	144
46	Application of Hyperspectral Imaging and Chemometric Calibrations for Variety Discrimination of Maize Seeds. <i>Sensors</i> , 2012, 12, 17234-17246.	2.1	140
47	Inhibitory effects of long noncoding RNA MEG3 on hepatic stellate cells activation and liver fibrogenesis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 2204-2215.	1.8	133
48	Robust Load Frequency Control for Power System Considering Transmission Delay and Sampling Period. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 5292-5303.	7.2	129
49	Exponential synchronization of neural networks with time-varying mixed delays and sampled-data. <i>Neurocomputing</i> , 2010, 74, 265-273.	3.5	125
50	Localization and Classification of Paddy Field Pests using a Saliency Map and Deep Convolutional Neural Network. <i>Scientific Reports</i> , 2016, 6, 20410.	1.6	124
51	Sampled-data synchronization control for chaotic neural networks subject to actuator saturation. <i>Neurocomputing</i> , 2017, 260, 25-31.	3.5	124
52	Strawberry Yield Prediction Based on a Deep Neural Network Using High-Resolution Aerial Orthoimages. <i>Remote Sensing</i> , 2019, 11, 1584.	1.8	124
53	An Improved Global Asymptotic Stability Criterion for Delayed Cellular Neural Networks. <i>IEEE Transactions on Neural Networks</i> , 2006, 17, 250-252.	4.8	120
54	Fuzzy Weighting-Dependent Approach to $H_{\infty}$ Filter Design for Time-Delay Fuzzy Systems. <i>IEEE Transactions on Signal Processing</i> , 2007, 55, 2746-2751.	3.2	120

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55	Determination of effective wavelengths for discrimination of fruit vinegars using near infrared spectroscopy and multivariate analysis. <i>Analytica Chimica Acta</i> , 2008, 615, 10-17.	2.6	120
56	Stability analysis of generalized neural networks with time-varying delays via a new integral inequality. <i>Neurocomputing</i> , 2015, 161, 148-154.	3.5	119
57	Determination of Hemicellulose, Cellulose and Lignin in Moso Bamboo by Near Infrared Spectroscopy. <i>Scientific Reports</i> , 2015, 5, 17210.	1.6	118
58	Prediction of soil macronutrients content using near-infrared spectroscopy. <i>Computers and Electronics in Agriculture</i> , 2007, 58, 144-153.	3.7	116
59	LMI-based stability criteria for neural networks with multiple time-varying delays. <i>Physica D: Nonlinear Phenomena</i> , 2005, 212, 126-136.	1.3	115
60	Short-wave near-infrared spectroscopy analysis of major compounds in milk powder and wavelength assignment. <i>Analytica Chimica Acta</i> , 2008, 610, 232-242.	2.6	115
61	An Improved H $\infty$ Filter Design for Systems With Time-Varying Interval Delay. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2006, 53, 1235-1239.	2.2	113
62	Application of near infrared spectroscopy for the rapid determination of antioxidant activity of bamboo leaf extract. <i>Food Chemistry</i> , 2012, 135, 2147-2156.	4.2	112
63	An improved summation inequality to discrete-time systems with time-varying delay. <i>Automatica</i> , 2016, 74, 10-15.	3.0	111
64	New delay-dependent stability criteria for T $\infty$ S fuzzy systems with time-varying delay. <i>Fuzzy Sets and Systems</i> , 2010, 161, 2033-2042.	1.6	110
65	Detection of early blight and late blight diseases on tomato leaves using hyperspectral imaging. <i>Scientific Reports</i> , 2015, 5, 16564.	1.6	108
66	Challenging applications for multi-element analysis by laser-induced breakdown spectroscopy in agriculture: A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 85, 260-272.	5.8	107
67	Discriminating varieties of tea plant based on Vis/NIR spectral characteristics and using artificial neural networks. <i>Biosystems Engineering</i> , 2008, 99, 313-321.	1.9	106
68	Comparison of calibrations for the determination of soluble solids content and pH of rice vinegars using visible and short-wave near infrared spectroscopy. <i>Analytica Chimica Acta</i> , 2008, 610, 196-204.	2.6	106
69	Detecting macronutrients content and distribution in oilseed rape leaves based on hyperspectral imaging. <i>Biosystems Engineering</i> , 2013, 115, 56-65.	1.9	106
70	Delay-Dependent Stability Analysis of Multi-Area Load Frequency Control With Enhanced Accuracy and Computation Efficiency. <i>IEEE Transactions on Power Systems</i> , 2019, 34, 3687-3696.	4.6	106
71	Grassland ecological compensation policy in China improves grassland quality and increases herders' income. <i>Nature Communications</i> , 2021, 12, 4683.	5.8	105
72	filtering for discrete-time systems with time-varying delay. <i>Signal Processing</i> , 2009, 89, 275-282.	2.10	100

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73	Potential of hyperspectral imaging and multivariate analysis for rapid and non-invasive detection of gelatin adulteration in prawn. <i>Journal of Food Engineering</i> , 2013, 119, 680-686.	2.7	99
74	Robust $H_{\infty}$ Control for T $\infty$ S Fuzzy Systems With State and Input Time-Varying Delays via Delay-Product-Type Functional Method. <i>IEEE Transactions on Fuzzy Systems</i> , 2019, 27, 1917-1930.	6.5	99
75	Sampled-data stabilization of chaotic systems based on a T-S fuzzy model. <i>Information Sciences</i> , 2019, 483, 262-272.	4.0	99
76	Ripeness Classification of Astringent Persimmon Using Hyperspectral Imaging Technique. <i>Food and Bioprocess Technology</i> , 2014, 7, 1371-1380.	2.6	98
77	Variable selection in visible/near infrared spectra for linear and nonlinear calibrations: A case study to determine soluble solids content of beer. <i>Analytica Chimica Acta</i> , 2009, 635, 45-52.	2.6	97
78	Hyperspectral imaging for classification of healthy and gray mold diseased tomato leaves with different infection severities. <i>Computers and Electronics in Agriculture</i> , 2017, 135, 154-162.	3.7	97
79	Control Performance Standards-Oriented Event-Triggered Load Frequency Control for Power Systems Under Limited Communication Bandwidth. <i>IEEE Transactions on Control Systems Technology</i> , 2022, 30, 860-868.	3.2	97
80	Determination of $\hat{\pm}$ -linolenic acid and linoleic acid in edible oils using near-infrared spectroscopy improved by wavelet transform and uninformative variable elimination. <i>Analytica Chimica Acta</i> , 2009, 634, 166-171.	2.6	95
81	Observer-based $H_{\infty}$ fuzzy control design for T $\infty$ S fuzzy systems with state delays. <i>Automatica</i> , 2008, 44, 868-874.	3.0	94
82	Application of Time Series Hyperspectral Imaging (TS-HSI) for Determining Water Distribution Within Beef and Spectral Kinetic Analysis During Dehydration. <i>Food and Bioprocess Technology</i> , 2013, 6, 2943-2958.	2.6	94
83	Passivity analysis for neural networks with a time-varying delay. <i>Neurocomputing</i> , 2011, 74, 730-734.	3.5	93
84	Application of Near-Infrared Hyperspectral Imaging with Variable Selection Methods to Determine and Visualize Caffeine Content of Coffee Beans. <i>Food and Bioprocess Technology</i> , 2017, 10, 213-221.	2.6	93
85	Novel non-invasive distribution measurement of texture profile analysis (TPA) in salmon fillet by using visible and near infrared hyperspectral imaging. <i>Food Chemistry</i> , 2014, 145, 417-426.	4.2	92
86	Stability and Stabilization of T $\infty$ S Fuzzy Systems With Time-Varying Delays via Delay-Product-Type Functional Method. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 2580-2589.	6.2	91
87	Application of successive projections algorithm for variable selection to determine organic acids of plum vinegar. <i>Food Chemistry</i> , 2009, 115, 1430-1436.	4.2	89
88	Determination of Calcium Content in Powdered Milk Using Near and Mid-Infrared Spectroscopy with Variable Selection and Chemometrics. <i>Food and Bioprocess Technology</i> , 2012, 5, 1402-1410.	2.6	89
89	Combining UAV-Based Vegetation Indices and Image Classification to Estimate Flower Number in Oilseed Rape. <i>Remote Sensing</i> , 2018, 10, 1484.	1.8	89
90	Hierarchical stability conditions for time-varying delay systems via an extended reciprocally convex quadratic inequality. <i>Journal of the Franklin Institute</i> , 2020, 357, 9930-9941.	1.9	88

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91	Exponential Synchronization of Neural Networks With Time-Varying Delays via Dynamic Intermittent Output Feedback Control. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019, 49, 612-622.	5.9	85
92	Global robust stability for delayed neural networks with polytopic type uncertainties. <i>Chaos, Solitons and Fractals</i> , 2005, 26, 1349-1354.	2.5	84
93	Visible/Near-Infrared Spectra for Linear and Nonlinear Calibrations: A Case to Predict Soluble Solids Contents and pH Value in Peach. <i>Food and Bioprocess Technology</i> , 2011, 4, 1376-1383.	2.6	84
94	Improved Conditions for Passivity of Neural Networks With a Time-Varying Delay. <i>IEEE Transactions on Cybernetics</i> , 2014, 44, 785-792.	6.2	84
95	Extended Dissipativity Analysis for Markovian Jump Neural Networks With Time-Varying Delay via Delay-Product-Type Functionals. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019, 30, 2528-2537.	7.2	84
96	Absolute stability for multiple delay general Lur'e control systems with multiple nonlinearities. <i>Journal of Computational and Applied Mathematics</i> , 2003, 159, 241-248.	1.1	82
97	Non-destructive discrimination of Chinese bayberry varieties using Vis/NIR spectroscopy. <i>Journal of Food Engineering</i> , 2007, 81, 357-363.	2.7	82
98	Soluble solids content and pH prediction and varieties discrimination of grapes based on visible-near infrared spectroscopy. <i>Computers and Electronics in Agriculture</i> , 2010, 71, S15-S18.	3.7	82
99	Further results on exponential stability of neural networks with time-varying delay. <i>Applied Mathematics and Computation</i> , 2015, 256, 175-182.	1.4	81
100	Robust stability for delay Lur'e control systems with multiple nonlinearities. <i>Journal of Computational and Applied Mathematics</i> , 2005, 176, 371-380.	1.1	80
101	Application of image texture for the sorting of tea categories using multi-spectral imaging technique and support vector machine. <i>Journal of Food Engineering</i> , 2008, 88, 474-483.	2.7	80
102	Detection of Organic Acids and pH of Fruit Vinegars Using Near-Infrared Spectroscopy and Multivariate Calibration. <i>Food and Bioprocess Technology</i> , 2011, 4, 1331-1340.	2.6	80
103	Rapid estimation of seed yield using hyperspectral images of oilseed rape leaves. <i>Industrial Crops and Products</i> , 2013, 42, 416-420.	2.5	80
104	Hyperspectral Imaging for Mapping of Total Nitrogen Spatial Distribution in Pepper Plant. <i>PLoS ONE</i> , 2014, 9, e116205.	1.1	80
105	Design of Observer-Based $H_{\infty}$ Control for Fuzzy Time-Delay Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2008, 16, 534-543.	6.5	79
106	Improved Global Asymptotical Synchronization of Chaotic Lur'e Systems With Sampled-Data Control. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2009, 56, 320-324.	2.2	78
107	Thiol-epoxy/thiol-acrylate hybrid materials synthesized by photopolymerization. <i>Journal of Materials Chemistry C</i> , 2013, 1, 4481.	2.7	78
108	Hyperspectral Imaging for Determining Pigment Contents in Cucumber Leaves in Response to Angular Leaf Spot Disease. <i>Scientific Reports</i> , 2016, 6, 27790.	1.6	78

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109	Co-composting solid swine manure with pine sawdust as organic substrate. <i>Bioresource Technology</i> , 2006, 97, 2024-2031.	4.8	76
110	Observer-Based $H_{\infty}$ Control for Tâ€™S Fuzzy Systems With Time Delay: Delay-Dependent Design Method. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2007, 37, 1030-1038.	5.5	75
111	Improved exponential stability for stochastic Markovian jump systems with nonlinearity and time-varying delay. <i>International Journal of Robust and Nonlinear Control</i> , 2010, 20, 16-26.	2.1	75
112	Input-to-state stability of nonlinear systems based on an indefinite Lyapunov function. <i>Systems and Control Letters</i> , 2012, 61, 1254-1259.	1.3	75
113	Identification of crack features in fresh jujube using Vis/NIR hyperspectral imaging combined with image processing. <i>Computers and Electronics in Agriculture</i> , 2014, 103, 1-10.	3.7	73
114	New insights on stability of sampled-data systems with time-delay. <i>Applied Mathematics and Computation</i> , 2020, 374, 125041.	1.4	73
115	Novel stability criteria for recurrent neural networks with time-varying delay. <i>Neurocomputing</i> , 2014, 138, 383-391.	3.5	72
116	Sampled-data based discrete and fast load frequency control for power systems with wind power. <i>Applied Energy</i> , 2020, 259, 114202.	5.1	72
117	Feasibility of the use of visible and near infrared spectroscopy to assess soluble solids content and pH of rice wines. <i>Journal of Food Engineering</i> , 2007, 83, 430-435.	2.7	71
118	Exponential Stability Analysis for Neural Networks With Time-Varying Delay. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2008, 38, 1152-1156.	5.5	71
119	Measurement of Soluble Solid Contents and pH of White Vinegars Using VIS/NIR Spectroscopy and Least Squares Support Vector Machine. <i>Food and Bioprocess Technology</i> , 2014, 7, 54-61.	2.6	71
120	Comparison of different CCD detectors and chemometrics for predicting total anthocyanin content and antioxidant activity of mulberry fruit using visible and near infrared hyperspectral imaging technique. <i>Food Chemistry</i> , 2017, 224, 1-10.	4.2	71
121	Improved bounded-real-lemma representation and $H_{\infty}$ control of systems with polytopic uncertainties. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , 2005, 52, 380-383.	2.3	70
122	Application of Visible and Near-Infrared Hyperspectral Imaging to Determine Soluble Protein Content in Oilseed Rape Leaves. <i>Sensors</i> , 2015, 15, 16576-16588.	2.1	70
123	Determination of acetolactate synthase activity and protein content of oilseed rape ( <i>Brassica napus</i> ) Tj ETQq1 1 0.784314 rgBT /Overbor	2.6	69
124	Determination of tea polyphenols content by infrared spectroscopy coupled with iPLS and random frog techniques. <i>Computers and Electronics in Agriculture</i> , 2015, 112, 28-35.	3.7	69
125	Visible and near infrared spectroscopy for rapid detection of citric and tartaric acids in orange juice. <i>Journal of Food Engineering</i> , 2007, 82, 253-260.	2.7	68
126	Removal of EOG and EMG artifacts from EEG using combination of functional link neural network and adaptive neural fuzzy inference system. <i>Neurocomputing</i> , 2015, 151, 278-287.	3.5	66



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127	Application of Visible and Near-Infrared Hyperspectral Imaging for Detection of Defective Features in Loquat. <i>Food and Bioprocess Technology</i> , 2014, 7, 3077-3087.	2.6	65
128	Rapid Classification of Wheat Grain Varieties Using Hyperspectral Imaging and Chemometrics. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4119.	1.3	65
129	Optimal control in microgrid using multi-agent reinforcement learning. <i>ISA Transactions</i> , 2012, 51, 743-751.	3.1	64
130	Polynomial-Type Lyapunov-Krasovskii Functional and Jacobi-Bessel Inequality: Further Results on Stability Analysis of Time-Delay Systems. <i>IEEE Transactions on Automatic Control</i> , 2021, 66, 2905-2912.	3.6	63
131	Identification of Geographical Origin of Olive Oil Using Visible and Near-Infrared Spectroscopy Technique Combined with Chemometrics. <i>Food and Bioprocess Technology</i> , 2012, 5, 235-242.	2.6	62
132	Asymptotical synchronization for chaotic Lur'e systems using sampled-data control. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2013, 18, 2743-2751.	1.7	62
133	Monotone-delay-interval-based Lyapunov functionals for stability analysis of systems with a periodically varying delay. <i>Automatica</i> , 2022, 138, 110030.	3.0	62
134	Stability analysis for control systems with aperiodically sampled data using an augmented Lyapunov functional method. <i>IET Control Theory and Applications</i> , 2013, 7, 1219-1226.	1.2	61
135	Laser-Induced Breakdown Spectroscopy Coupled with Multivariate Chemometrics for Variety Discrimination of Soil. <i>Scientific Reports</i> , 2016, 6, 27574.	1.6	61
136	Summation Inequalities to Bounded Real Lemmas of Discrete-Time Systems With Time-Varying Delay. <i>IEEE Transactions on Automatic Control</i> , 2017, 62, 2582-2588.	3.6	61
137	Nondestructive measurement of the internal quality of bayberry juice using Vis/NIR spectroscopy. <i>Journal of Food Engineering</i> , 2007, 79, 1015-1019.	2.7	60
138	Using wavelet transform and multi-class least square support vector machine in multi-spectral imaging classification of Chinese famous tea. <i>Expert Systems With Applications</i> , 2011, 38, 11149-11159.	4.4	60
139	Predictive analysis on electric-power supply and demand in China. <i>Renewable Energy</i> , 2007, 32, 1165-1174.	4.3	59
140	Rapid and non-destructive measurement of spinach pigments content during storage using hyperspectral imaging with chemometrics. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017, 97, 149-155.	2.5	59
141	Global Asymptotic Stability for Delayed Neural Networks Using an Integral Inequality Based on Nonorthogonal Polynomials. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018, 29, 4487-4493.	7.2	58
142	Stability analysis of neural networks with time-varying delay: Enhanced stability criteria and conservatism comparisons. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2018, 54, 118-135.	1.7	58
143	Discrimination of Chrysanthemum Varieties Using Hyperspectral Imaging Combined with a Deep Convolutional Neural Network. <i>Molecules</i> , 2018, 23, 2831.	1.7	58
144	Application of near-infrared hyperspectral imaging to discriminate different geographical origins of Chinese wolfberries. <i>PLoS ONE</i> , 2017, 12, e0180534.	1.1	58

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145	Design of a modified repetitive-control system based on a continuous–discrete 2D model. <i>Automatica</i> , 2012, 48, 844-850.	3.0	57
146	Reachable set estimation for Markovian jump neural networks with time-varying delay. <i>Neural Networks</i> , 2018, 108, 527-532.	3.3	57
147	Experimental and numerical study on heavy metal contaminant migration and retention behavior of engineered barrier in tailings pond. <i>Environmental Pollution</i> , 2019, 252, 1010-1018.	3.7	57
148	Stability Analysis of Systems With Time-Varying Delay via Improved Lyapunov–Krasovskii Functionals. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 2457-2466.	5.9	57
149	Application of hyperspectral imaging technology to discriminate different geographical origins of <i>Jatropha curcas</i> L. seeds. <i>Computers and Electronics in Agriculture</i> , 2013, 99, 186-193.	3.7	56
150	Stability analysis of fractional-order neural networks: An LMI approach. <i>Neurocomputing</i> , 2018, 285, 82-93.	3.5	56
151	Stability analysis of linear systems with time-varying delay via intermediate polynomial-based functions. <i>Automatica</i> , 2020, 113, 108756.	3.0	56
152	Quantification of Nitrogen Status in Rice by Least Squares Support Vector Machines and Reflectance Spectroscopy. <i>Food and Bioprocess Technology</i> , 2012, 5, 100-107.	2.6	55
153	Mapping of TBARS distribution in frozen–thawed pork using NIR hyperspectral imaging. <i>Meat Science</i> , 2016, 113, 92-96.	2.7	55
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