

Yong He

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

537
papers

21,935
citations

74
h-index

128
g-index

590
ext. papers

26,843
ext. citations

4.5
avg, IF

7.53
L-index

#	Paper	IF	Citations
537	Delay-dependent criteria for robust stability of time-varying delay systems. <i>Automatica</i> , 2004 , 40, 1435-1439	5.7	743
536	Delay-range-dependent stability for systems with time-varying delay. <i>Automatica</i> , 2007 , 43, 371-376	5.7	663
535	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	15.3	586
534	Further Improvement of Free-Weighting Matrices Technique for Systems With Time-Varying Delay. <i>IEEE Transactions on Automatic Control</i> , 2007 , 52, 293-299	5.9	517
533	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	5.9	510
532	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	5.9	500
531	Delay-dependent robust stability criteria for uncertain neutral systems with mixed delays. <i>Systems and Control Letters</i> , 2004 , 51, 57-65	2.4	474
530	New delay-dependent stability criteria for neural networks with time-varying delay. <i>IEEE Transactions on Neural Networks</i> , 2007 , 18, 310-4		393
529	Delay-dependent stabilization of linear systems with time-varying state and input delays. <i>Automatica</i> , 2005 , 41, 1405-1412	5.7	370
528	Long noncoding RNAs: Novel insights into hepatocellular carcinoma. <i>Cancer Letters</i> , 2014 , 344, 20-27	9.9	334
527	New delay-dependent stability criteria and stabilizing method for neutral systems. <i>IEEE Transactions on Automatic Control</i> , 2004 , 49, 2266-2271	5.9	255
526	Stabilization for Markovian jump systems with partial information on transition probability based on free-connection weighting matrices. <i>Automatica</i> , 2011 , 47, 79-84	5.7	230
525	New results on stability analysis for systems with discrete distributed delay. <i>Automatica</i> , 2015 , 60, 189-192	5.7	228
524	. <i>IEEE Transactions on Automatic Control</i> , 2008 , 53, 2372-2377	5.9	227
523	Stability Analysis for Neural Networks With Time-Varying Interval Delay. <i>IEEE Transactions on Neural Networks</i> , 2007 , 18, 1850-1854		226
522	An extended reciprocally convex matrix inequality for stability analysis of systems with time-varying delay. <i>Automatica</i> , 2017 , 85, 481-485	5.7	225
521	. <i>IEEE Transactions on Power Systems</i> , 2013 , 28, 2192-2201	7	211

520	Stability analysis of systems with time-varying delay via relaxed integral inequalities. <i>Systems and Control Letters</i> , 2016 , 92, 52-61	2.4	209
519	Fruit quality evaluation using spectroscopy technology: a review. <i>Sensors</i> , 2015 , 15, 11889-927	3.8	179
518	Augmented Lyapunov functional and delay-dependent stability criteria for neutral systems. <i>International Journal of Robust and Nonlinear Control</i> , 2005 , 15, 923-933	3.6	175
517	Delay-Dependent Stability Criteria for Generalized Neural Networks With Two Delay Components. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2014 , 25, 1263-1276	10.3	171
516	Notes on Stability of Time-Delay Systems: Bounding Inequalities and Augmented Lyapunov-Krasovskii Functionals. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 5331-5336	5.9	166
515	Stability Analysis and Robust Control of Time-Delay Systems 2010 ,		165
514	Stability Analysis for Delayed Neural Networks Considering Both Conservativeness and Complexity. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016 , 27, 1486-501	10.3	163
513	Study on infrared spectroscopy technique for fast measurement of protein content in milk powder based on LS-SVM. <i>Journal of Food Engineering</i> , 2008 , 84, 124-131	6	161
512	Delay-dependent state estimation for delayed neural networks. <i>IEEE Transactions on Neural Networks</i> , 2006 , 17, 1077-81		158
511	Discrimination of varieties of tea using near infrared spectroscopy by principal component analysis and BP model. <i>Journal of Food Engineering</i> , 2007 , 79, 1238-1242	6	157
510	Overview of recent advances in stability of linear systems with time-varying delays. <i>IET Control Theory and Applications</i> , 2019 , 13, 1-16	2.5	153
509	. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , 2006 , 53, 553-557		152
508	A new looped-functional for stability analysis of sampled-data systems. <i>Automatica</i> , 2017 , 82, 328-331	5.7	146
507	Delay-dependent stability analysis of neural networks with time-varying delay: A generalized free-weighting-matrix approach. <i>Applied Mathematics and Computation</i> , 2017 , 294, 102-120	2.7	145
506	Stability Analysis of Discrete-Time Neural Networks With Time-Varying Delay via an Extended Reciprocally Convex Matrix Inequality. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 3040-3049	10.2	144
505	Rapid prediction of moisture content of dehydrated prawns using online hyperspectral imaging system. <i>Analytica Chimica Acta</i> , 2012 , 726, 57-66	6.6	144
504	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	6.8	142
503	Further Results on Delay-Dependent Stability of Multi-Area Load Frequency Control. <i>IEEE Transactions on Power Systems</i> , 2013 , 28, 4465-4474	7	131

502	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, 229-37	6.6	128
501	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	5.1	127
500	Complete delay-decomposing approach to asymptotic stability for neural networks with time-varying delays. <i>IEEE Transactions on Neural Networks</i> , 2011 , 22, 806-12		125
499	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	9.1	123
498	Delay-Variation-Dependent Stability of Delayed Discrete-Time Systems. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 2663-2669	5.9	115
497	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, 2204-15	6.9	113
496	Application of hyperspectral imaging and chemometric calibrations for variety discrimination of maize seeds. <i>Sensors</i> , 2012 , 12, 17234-46	3.8	113
495	Variety Identification of Single Rice Seed Using Hyperspectral Imaging Combined with Convolutional Neural Network. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 212	2.6	108
494	Exponential synchronization of neural networks with time-varying mixed delays and sampled-data. <i>Neurocomputing</i> , 2010 , 74, 265-273	5.4	107
493	Determination of effective wavelengths for discrimination of fruit vinegars using near infrared spectroscopy and multivariate analysis. <i>Analytica Chimica Acta</i> , 2008 , 615, 10-7	6.6	106
492	Short-wave near-infrared spectroscopy analysis of major compounds in milk powder and wavelength assignment. <i>Analytica Chimica Acta</i> , 2008 , 610, 232-42	6.6	103
491	Hyperspectral imaging analysis for ripeness evaluation of strawberry with support vector machine. <i>Journal of Food Engineering</i> , 2016 , 179, 11-18	6	102
490	Sampled-data-based dissipative control of T-S fuzzy systems. <i>Applied Mathematical Modelling</i> , 2019 , 65, 415-427	4.5	101
489	Application of near infrared spectroscopy for the rapid determination of antioxidant activity of bamboo leaf extract. <i>Food Chemistry</i> , 2012 , 135, 2147-56	8.5	100
488	An improved global asymptotic stability criterion for delayed cellular neural networks. <i>IEEE Transactions on Neural Networks</i> , 2006 , 17, 250-2		97
487	A relaxed quadratic function negative-determination lemma and its application to time-delay systems. <i>Automatica</i> , 2020 , 113, 108764	5.7	97
486	LMI-based stability criteria for neural networks with multiple time-varying delays. <i>Physica D: Nonlinear Phenomena</i> , 2005 , 212, 126-136	3.3	95
485	Stability analysis of generalized neural networks with time-varying delays via a new integral inequality. <i>Neurocomputing</i> , 2015 , 161, 148-154	5.4	92

484	Prediction of soil macronutrients content using near-infrared spectroscopy. <i>Computers and Electronics in Agriculture</i> , 2007 , 58, 144-153	6.5	90
483	Discriminating varieties of tea plant based on Vis/NIR spectral characteristics and using artificial neural networks. <i>Biosystems Engineering</i> , 2008 , 99, 313-321	4.8	90
482	Fuzzy Weighting-Dependent Approach to H_{∞} Filter Design for Time-Delay Fuzzy Systems. <i>IEEE Transactions on Signal Processing</i> , 2007 , 55, 2746-2751	4.8	88
481	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	6.6	87
480	New delay-dependent stability criteria for TB fuzzy systems with time-varying delay. <i>Fuzzy Sets and Systems</i> , 2010 , 161, 2033-2042	3.7	85
479	Passivity analysis for neural networks with a time-varying delay. <i>Neurocomputing</i> , 2011 , 74, 730-734	5.4	84
478	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	6.6	84
477	An Improved H _∞ Filter Design for Systems With Time-Varying Interval Delay. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2006 , 53, 1235-1239	3.5	84
476	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	6	83
475	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	5.1	82
474	Detecting macronutrients content and distribution in oilseed rape leaves based on hyperspectral imaging. <i>Biosystems Engineering</i> , 2013 , 115, 56-65	4.8	82
473	filtering for discrete-time systems with time-varying delay. <i>Signal Processing</i> , 2009 , 89, 275-282	4.4	81
472	Sampled-data synchronization control for chaotic neural networks subject to actuator saturation. <i>Neurocomputing</i> , 2017 , 260, 25-31	5.4	80
471	Multimaterial 3D Printing of Highly Stretchable Silicone Elastomers. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 23573-23583	9.5	79
470	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	14.6	79
469	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	5.1	79
468	Observer-based . <i>Automatica</i> , 2008 , 44, 868-874	5.7	79
467	An improved summation inequality to discrete-time systems with time-varying delay. <i>Automatica</i> , 2016 , 74, 10-15	5.7	79

466	Determination of Hemicellulose, Cellulose and Lignin in Moso Bamboo by Near Infrared Spectroscopy. <i>Scientific Reports</i> , 2015 , 5, 17210	4.9	78
465	Ripeness Classification of Astringent Persimmon Using Hyperspectral Imaging Technique. <i>Food and Bioprocess Technology</i> , 2014 , 7, 1371-1380	5.1	78
464	Determination of alpha-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, 166-71	6.6	78
463	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	5.1	74
462	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, 417-26	8.5	72
461	Improved conditions for passivity of neural networks with a time-varying delay. <i>IEEE Transactions on Cybernetics</i> , 2014 , 44, 785-92	10.2	72
460	Localization and Classification of Paddy Field Pests using a Saliency Map and Deep Convolutional Neural Network. <i>Scientific Reports</i> , 2016 , 6, 20410	4.9	71
459	Application of successive projections algorithm for variable selection to determine organic acids of plum vinegar. <i>Food Chemistry</i> , 2009 , 115, 1430-1436	8.5	70
458	Sampled-data stabilization of chaotic systems based on a T-S fuzzy model. <i>Information Sciences</i> , 2019 , 483, 262-272	7.7	70
457	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	6	69
456	Thiol-epoxy/thiol-acrylate hybrid materials synthesized by photopolymerization. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 4481	7.1	68
455	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	5.1	67
454	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	3.5	67
453	Global robust stability for delayed neural networks with polytopic type uncertainties. <i>Chaos, Solitons and Fractals</i> , 2005 , 26, 1349-1354	9.3	67
452	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	7	66
451	Rapid estimation of seed yield using hyperspectral images of oilseed rape leaves. <i>Industrial Crops and Products</i> , 2013 , 42, 416-420	5.9	66
450	Detection of early blight and late blight diseases on tomato leaves using hyperspectral imaging. <i>Scientific Reports</i> , 2015 , 5, 16564	4.9	66
449	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	6.5	65

448	Non-destructive discrimination of Chinese bayberry varieties using Vis/NIR spectroscopy. <i>Journal of Food Engineering</i> , 2007 , 81, 357-363	6	65
447	Co-composting solid swine manure with pine sawdust as organic substrate. <i>Bioresource Technology</i> , 2006 , 97, 2024-31	11	65
446	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	3.6	63
445	Robust H_{∞} Control for T Σ 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	8.3	62
444	. <i>IEEE Transactions on Fuzzy Systems</i> , 2008 , 16, 534-543	8.3	62
443	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	7.3	61
442	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	6.5	60
441	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	5.1	60
440	Robust stability for delay Lur'e control systems with multiple nonlinearities. <i>Journal of Computational and Applied Mathematics</i> , 2005 , 176, 371-380	2.4	60
439	Exponential stability analysis for neural networks with time-varying delay. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2008 , 38, 1152-6		59
438	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	6.5	58
437	Determination of acetolactate synthase activity and protein content of oilseed rape (<i>Brassica napus</i> L.) leaves using visible/near-infrared spectroscopy. <i>Analytica Chimica Acta</i> , 2008 , 629, 56-65	6.6	58
436	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	2.4	58
435	Hyperspectral imaging for mapping of total nitrogen spatial distribution in pepper plant. <i>PLoS ONE</i> , 2014 , 9, e116205	3.7	57
434	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	6	57
433	Strawberry Yield Prediction Based on a Deep Neural Network Using High-Resolution Aerial Orthoimages. <i>Remote Sensing</i> , 2019 , 11, 1584	5	56
432	Novel stability criteria for recurrent neural networks with time-varying delay. <i>Neurocomputing</i> , 2014 , 138, 383-391	5.4	56
431	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	5.1	56

430	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	6	56
429	Input-to-state stability of nonlinear systems based on an indefinite Lyapunov function. <i>Systems and Control Letters</i> , 2012 , 61, 1254-1259	2.4	55
428	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	10.3	55
427	Asymptotical synchronization for chaotic LurĒ systems using sampled-data control. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2013 , 18, 2743-2751	3.7	54
426	Further results on exponential stability of neural networks with time-varying delay. <i>Applied Mathematics and Computation</i> , 2015 , 256, 175-182	2.7	54
425	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	8.5	53
424	Combining UAV-Based Vegetation Indices and Image Classification to Estimate Flower Number in Oilseed Rape. <i>Remote Sensing</i> , 2018 , 10, 1484	5	52
423	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	5.1	51
422	Optimal control in microgrid using multi-agent reinforcement learning. <i>ISA Transactions</i> , 2012 , 51, 743-753	3.5	51
421	Hyperspectral Imaging for Determining Pigment Contents in Cucumber Leaves in Response to Angular Leaf Spot Disease. <i>Scientific Reports</i> , 2016 , 6, 27790	4.9	51
420	Laser-Induced Breakdown Spectroscopy Coupled with Multivariate Chemometrics for Variety Discrimination of Soil. <i>Scientific Reports</i> , 2016 , 6, 27574	4.9	51
419	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	6.5	50
418	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	7.8	50
417	Nondestructive measurement of the internal quality of bayberry juice using Vis/NIR spectroscopy. <i>Journal of Food Engineering</i> , 2007 , 79, 1015-1019	6	50
416	Application of visible and near infrared spectroscopy for rapid and non-invasive quantification of common adulterants in Spirulina powder. <i>Journal of Food Engineering</i> , 2011 , 102, 278-286	6	49
415	Predictive analysis on electric-power supply and demand in China. <i>Renewable Energy</i> , 2007 , 32, 1165-1174	4.1	48
414	Application of Hyperspectral Imaging to Detect Sclerotinia sclerotiorum on Oilseed Rape Stems. <i>Sensors</i> , 2018 , 18,	3.8	48
413	Observer-based H infinity control for T-S fuzzy systems with time delay: delay-dependent design method. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2007 , 37, 1030-8		47

412	. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , 2005 , 52, 380-383		47
411	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	5.4	46
410	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	5.1	46
409	Nondestructive measurement and fingerprint analysis of soluble solid content of tea soft drink based on Vis/NIR spectroscopy. <i>Journal of Food Engineering</i> , 2007 , 82, 316-323	6	46
408	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, 1183-1195	3.7	45
407	Application of Visible and Near-Infrared Hyperspectral Imaging to Determine Soluble Protein Content in Oilseed Rape Leaves. <i>Sensors</i> , 2015 , 15, 16576-88	3.8	45
406	New Results on H_∞ Tracking Control Based on the T β Fuzzy Model for Sampled-Data Networked Control System. <i>IEEE Transactions on Fuzzy Systems</i> , 2015 , 23, 2439-2448	8.3	45
405	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	5.1	44
404	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	6.5	44
403	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	4.6	44
402	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	5.9	44
401	Stability and Stabilization of T-S Fuzzy Systems With Time-Varying Delays via Delay-Product-Type Functional Method. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 2580-2589	10.2	44
400	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	2.5	43
399	Classification of brands of instant noodles using Vis/NIR spectroscopy and chemometrics. <i>Food Research International</i> , 2008 , 41, 562-567	7	43
398	Improved Razumikhin-Type Theorem for Input-To-State Stability of Nonlinear Time-Delay Systems. <i>IEEE Transactions on Automatic Control</i> , 2014 , 59, 1983-1988	5.9	42
397	Dissipativity analysis of neural networks with time-varying delays. <i>Neurocomputing</i> , 2015 , 168, 741-746	5.4	42
396	Design of a modified repetitive-control system based on a continuous-discrete 2D model. <i>Automatica</i> , 2012 , 48, 844-850	5.7	40
395	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	10.3	39

394	Nitrogen, phosphorus, and potassium prediction in soils, using infrared spectroscopy. <i>Soil Research</i> , 2011 , 49, 166	1.8	39
393	Improved Free-Weighting Matrix Approach for Stability Analysis of Discrete-Time Recurrent Neural Networks With Time-Varying Delay. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2008 , 55, 690-694	3.5	39
392	DELAY-DEPENDENT SYNCHRONIZATION CRITERION FOR LUR'E SYSTEMS WITH DELAY FEEDBACK CONTROL. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2006 , 16, 3087-3091	2	39
391	Mapping of TBARS distribution in frozen-thawed pork using NIR hyperspectral imaging. <i>Meat Science</i> , 2016 , 113, 92-6	6.4	38
390	Citrus yield estimation based on images processed by an Android mobile phone. <i>Biosystems Engineering</i> , 2013 , 115, 162-170	4.8	38
389	Delay-dependent H _∞ control of linear discrete-time systems with an interval-like time-varying delay. <i>International Journal of Systems Science</i> , 2008 , 39, 427-436	2.3	38
388	Fast Discrimination of Apple Varieties Using Vis/NIR Spectroscopy. <i>International Journal of Food Properties</i> , 2007 , 10, 9-18	3	38
387	Application of near-infrared hyperspectral imaging to discriminate different geographical origins of Chinese wolfberries. <i>PLoS ONE</i> , 2017 , 12, e0180534	3.7	38
386	Sampled-data based discrete and fast load frequency control for power systems with wind power. <i>Applied Energy</i> , 2020 , 259, 114202	10.7	38
385	Stability analysis of fractional-order neural networks: An LMI approach. <i>Neurocomputing</i> , 2018 , 285, 82-93	3.4	37
384	Comparison of Infrared Spectroscopy and Nuclear Magnetic Resonance Techniques in Tandem with Multivariable Selection for Rapid Determination of Ω Polyunsaturated Fatty Acids in Fish Oil. <i>Food and Bioprocess Technology</i> , 2014 , 7, 1555-1569	5.1	37
383	Nondestructive Differentiation of Panax Species Using Visible and Shortwave Near-Infrared Spectroscopy. <i>Food and Bioprocess Technology</i> , 2011 , 4, 753-761	5.1	37
382	Applying Near-Infrared Spectroscopy and Chemometrics to Determine Total Amino Acids in Herbicide-Stressed Oilseed Rape Leaves. <i>Food and Bioprocess Technology</i> , 2011 , 4, 1314-1321	5.1	37
381	Measurement of Soluble Solids Content and pH of Yogurt Using Visible/Near Infrared Spectroscopy and Chemometrics. <i>Food and Bioprocess Technology</i> , 2009 , 2, 229-233	5.1	37
380	Quantitative Analysis of Nutrient Elements in Soil Using Single and Double-Pulse Laser-Induced Breakdown Spectroscopy. <i>Sensors</i> , 2018 , 18,	3.8	36
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