

Yong He

List of Publications by Year in Descending Order

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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	Equivalent input disturbance-based load frequency control for smart grid with air conditioning loads. <i>Science China Information Sciences</i> , 2022 , 65, 1	3.4	0
536	Load frequency control of time-delayed power system based on event-triggered communication scheme. <i>Applied Energy</i> , 2022 , 308, 118294	10.7	2
535	Contaminant migration and the retention behavior of a laterite-bentonite mixture engineered barrier in a landfill. <i>Journal of Environmental Management</i> , 2022 , 304, 114338	7.9	3
534	A novel integral inequality and its application to stability analysis of linear system with multiple time delays. <i>Applied Mathematics Letters</i> , 2022 , 124, 107648	3.5	3
533	Bessel-type inequality in semi-inner-product spaces and its application to stability analysis of discrete-time systems with distributed delays. <i>Applied Mathematics and Computation</i> , 2022 , 427, 127163 ²⁻⁷		
532	Robust Delay-Dependent Load Frequency Control of Wind Power System Based on a Novel Reconstructed Model. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	2
531	bZIP72 promotes submerged rice seed germination and coleoptile elongation by activating ADH1. <i>Plant Physiology and Biochemistry</i> , 2021 , 169, 112-118	5.4	1
530	Montmorillonite alteration and its influence on Sr (II) adsorption on GMZ bentonite. <i>Environmental Earth Sciences</i> , 2021 , 80, 1	2.9	1
529	Monotone-delay-interval-based Lyapunov functionals for stability analysis of systems with a periodically varying delay. <i>Automatica</i> , 2021 , 110030	5.7	7
528	Stability Analysis of Load Frequency Control for Shipboard Microgrids with Occasional Large Delays. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	1
527	An efficient model for robust load frequency control in multi-area power systems with communication delays. <i>Control Engineering Practice</i> , 2021 , 117, 104954	3.9	1
526	Novel stability criteria for aperiodic sampled-data systems via a time-squared-dependent augmented functional. <i>International Journal of Systems Science</i> , 2021 , 52, 1539-1550	2.3	0
525	Stability Analysis of Continuous-Time Switched Neural Networks With Time-Varying Delay Based on Admissible Edge-Dependent Average Dwell Time. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 5108-5117	10.3	2
524	New insight into admissibility analysis for singular systems with time-varying delays. <i>International Journal of Systems Science</i> , 2021 , 52, 2752-2762	2.3	3
523	Indefinite multiple Lyapunov functions of pth moment input-to-state stability and pth moment integral input-to-state stability for the nonlinear time-varying stochastic systems with Markovian switching. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 5343-5359	3.6	1
522	A Novel Biodegradable Fibrous Membrane with Remarkable Filtration and Antibacterial Properties. <i>Journal of Polymers and the Environment</i> , 2021 , 29, 4040	4.5	
521	Time-triggered intermittent control of continuous systems. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 6867-6879	3.6	7

520	A sufficient negative-definiteness condition for cubic functions and application to time-delay systems. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 7361-7371	3.6	4
519	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	7.3	23
518	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	5.9	32
517	Effects of chemical solutions on the hydromechanical behavior of a laterite/bentonite mixture used as an engineered barrier. <i>Bulletin of Engineering Geology and the Environment</i> , 2021 , 80, 1169-1180	4	3
516	Switching system-based load frequency control for multi-area power system resilient to denial-of-service attacks. <i>Control Engineering Practice</i> , 2021 , 107, 104678	3.9	21
515	Augmented two-side-looped Lyapunov functional for sampled-data-based synchronization of chaotic neural networks with actuator saturation. <i>Neurocomputing</i> , 2021 , 422, 287-294	5.4	5
514	Soil bacterial and fungal communities and associated nutrient cycling in relation to rice cultivation history after reclamation of natural wetland. <i>Land Degradation and Development</i> , 2021 , 32, 1287-1300	4.4	2
513	Reachable Set Estimation for Discrete-Time Markovian Jump Neural Networks With Generally Incomplete Transition Probabilities. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 1311-1321	10.2	11
512	Stability and stabilization for delayed fuzzy systems via reciprocally convex matrix inequality. <i>Fuzzy Sets and Systems</i> , 2021 , 402, 124-141	3.7	9
511	Stability Analysis and (H_{∞}) Control of Time-Delay Systems. <i>Studies in Systems, Decision and Control</i> , 2021 , 3-22	0.8	
510	Electroencephalogram Emotion Recognition Based on Dispersion Entropy Feature Extraction Using Random Over-Sampling Imbalanced Data Processing. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2021 , 1-1	3	0
509	Impact of the loading rate on the unsaturated mechanical behavior of compacted red clay used as an engineered barrier. <i>Environmental Earth Sciences</i> , 2021 , 80, 1	2.9	3
508	Stability analysis of generalized neural networks with fast-varying delay via a relaxed negative-determination quadratic function method. <i>Applied Mathematics and Computation</i> , 2021 , 391, 125631	2.7	2
507	Grassland ecological compensation policy in China improves grassland quality and increases herders' income. <i>Nature Communications</i> , 2021 , 12, 4683	17.4	15
506	Non-fragile observer-based robust control for uncertain systems via aperiodically intermittent control. <i>Information Sciences</i> , 2021 , 573, 239-261	7.7	2
505	Novel Structure-Exploiting Techniques Based Delay-Dependent Stability Analysis of Multi-Area LFC With Improved Numerical Tractability. <i>IEEE Transactions on Power Systems</i> , 2021 , 36, 4194-4211	7	7
504	A binary quadratic function negative-determination lemma and its application to stability analysis of systems with two additive time-varying delay components. <i>IET Control Theory and Applications</i> , 2021 , 15, 2221	2.5	2
503	Dissipativity analysis for singular Markovian jump systems with time-varying delays via improved state decomposition technique. <i>Information Sciences</i> , 2021 , 580, 643-654	7.7	0

502	Control Performance Standards-Oriented Event-Triggered Load Frequency Control for Power Systems Under Limited Communication Bandwidth. <i>IEEE Transactions on Control Systems Technology</i> , 2021 , 1-9	4.8	26
501	Improving Grain Yield via Promotion of Kernel Weight in High Yielding Winter Wheat Genotypes.. <i>Biology</i> , 2021 , 11,	4.9	2
500	Application of near-infrared hyperspectral imaging to identify a variety of silage maize seeds and common maize seeds.. <i>RSC Advances</i> , 2020 , 10, 11707-11715	3.7	10
499	The conjugation of targeted therapy and image-guided photodynamic therapy of cancer in vitro and in vivo. <i>Bioorganic Chemistry</i> , 2020 , 100, 103822	5.1	0
498	Soil Water and Nitrogen Fluxes in Response to Climate Change in a WheatMaize Double Cropping System. <i>Agronomy</i> , 2020 , 10, 786	3.6	1
497	Application of Machine Learning Method to Quantitatively Evaluate the Droplet Size and Deposition Distribution of the UAV Spray Nozzle. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 1759	2.6	4
496	Discrimination of Grape Seeds Using Laser-Induced Breakdown Spectroscopy in Combination with Region Selection and Supervised Classification Methods. <i>Foods</i> , 2020 , 9,	4.9	11
495	Reachable set estimation for singular systems via state decomposition method. <i>Journal of the Franklin Institute</i> , 2020 , 357, 7327-7342	4	6
494	Global exponential stability analysis of neural networks with a time-varying delay via some state-dependent zero equations. <i>Neurocomputing</i> , 2020 , 399, 1-7	5.4	3
493	Stochastic Finite-Time H State Estimation for Discrete-Time Semi-Markovian Jump Neural Networks With Time-Varying Delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 5456-5467	10.3	17
492	Rapid and Nondestructive Discrimination of Geographical Origins of Longjing Tea using Hyperspectral Imaging at Two Spectral Ranges Coupled with Machine Learning Methods. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 1173	2.6	11
491	Rapid Screen of the Color and Water Content of Fresh-Cut Potato Tuber Slices Using Hyperspectral Imaging Coupled with Multivariate Analysis. <i>Foods</i> , 2020 , 9,	4.9	15
490	New insights on stability of sampled-data systems with time-delay. <i>Applied Mathematics and Computation</i> , 2020 , 374, 125041	2.7	32
489	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-11	7.3	6
488	Effect of CuSO4 on the Hydromechanical Behavior of Compacted Tailings. <i>Mine Water and the Environment</i> , 2020 , 39, 103-111	2.4	5
487	Detection of Sulfite Dioxide Residue on the Surface of Fresh-Cut Potato Slices Using Near-Infrared Hyperspectral Imaging System and Portable Near-Infrared Spectrometer. <i>Molecules</i> , 2020 , 25,	4.8	6
486	Switching Method Based Load Frequency Control for Power System with Energy-Limited DoS Attacks. <i>IFAC-PapersOnLine</i> , 2020 , 53, 13508-13513	0.7	1
485	Robust exponential load frequency control for time delay power system considering wind power. <i>IFAC-PapersOnLine</i> , 2020 , 53, 12536-12541	0.7	1

484	Improved negativity condition for a quadratic function and its application to systems with time-varying delay. <i>IET Control Theory and Applications</i> , 2020 , 14, 2989-2993	2.5	10
483	An Improved Stability Criterion for Digital Filters With Generalized Overflow Arithmetic and Time-Varying Delay. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 2099-2103	3.5	5
482	Synthesis and Properties of Thermotropic Poly(oxybenzoate-co-oxynaphthoate) Copolyester Modified by a Third AB Type Monomer. <i>Journal of Macromolecular Science - Physics</i> , 2020 , 59, 197-212	1.4	5
481	Stability analysis of linear systems with time-varying delay via intermediate polynomial-based functions. <i>Automatica</i> , 2020 , 113, 108756	5.7	31
480	A relaxed quadratic function negative-determination lemma and its application to time-delay systems. <i>Automatica</i> , 2020 , 113, 108764	5.7	97
479	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
478	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-11	7.3	5
477	Stability analysis of linear systems with time-varying delay via a quadratic function negative-definiteness determination method. <i>IET Control Theory and Applications</i> , 2020 , 14, 1478-1485	2.5	7
476	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	4	31
475	Event-Triggered Fault Detection Filter Design for Discrete-Time Memristive Neural Networks With Time Delays. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	6
474	Robust Load Frequency Control for Power System Considering Transmission Delay and Sampling Period. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 1-1	11.9	33
473	Stability Analysis for Delayed Neural Networks via a Novel Negative-Definiteness Determination Method. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	7
472	Dissipativity Analysis for Singular Time-Delay Systems Via State Decomposition Method. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 3936-3942	7.3	14
471	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
470	Effects of NaCl solution on the swelling and shrinkage behavior of compacted bentonite under one-dimensional conditions. <i>Bulletin of Engineering Geology and the Environment</i> , 2020 , 79, 399-410	4	17
469	Stubborn State Estimation for Delayed Neural Networks Using Saturating Output Errors. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 1982-1994	10.3	13
468	Lychee Fruit Detection Based on Monocular Machine Vision in Orchard Environment. <i>Sensors</i> , 2019 , 19,	3.8	13
467	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

466	Hyperspectral Reflectance Imaging Combined with Multivariate Analysis for Diagnosis of Sclerotinia Stem Rot on Arabidopsis Thaliana Leaves. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 2092	2.6	3
465	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	9.3	30
464	Analysis of Sildenafil in Liquor and Health Wine Using Surface Enhanced Raman Spectroscopy. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	4
463	Gold Nanoparticles with Different Particle Sizes for the Quantitative Determination of Chlorpyrifos Residues in Soil by SERS. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	17
462	Multimaterial 3D Printing of Highly Stretchable Silicone Elastomers. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 23573-23583	9.5	79
461	Rapid Determination of Chlorogenic Acid, Luteoloside and 3,5-O-dicaffeoylquinic Acid in Chrysanthemum Using Near-Infrared Spectroscopy. <i>Sensors</i> , 2019 , 19,	3.8	5
460	Rapid-Detection Sensor for Rice Grain Moisture Based on NIR Spectroscopy. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 1654	2.6	22
459	Rapid and Quantitative Determination of Sildenafil in Cocktail Based on Surface Enhanced Raman Spectroscopy. <i>Molecules</i> , 2019 , 24,	4.8	5
458	Wind Field Distribution of Multi-rotor UAV and Its Influence on Spectral Information Acquisition of Rice Canopies. <i>Remote Sensing</i> , 2019 , 11, 602	5	5
457	Stability analysis of systems with time-varying delay via novel augmented Lyapunov-Brasovskii functionals and an improved integral inequality. <i>Applied Mathematics and Computation</i> , 2019 , 357, 325-337	2.7	25
456	Feasibility of Laser-Induced Breakdown Spectroscopy and Hyperspectral Imaging for Rapid Detection of Thiophanate-Methyl Residue on Mulberry Fruit. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	11
455	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
454	Gold Nanoparticles for Qualitative Detection of Deltamethrin and Carbofuran Residues in Soil by Surface Enhanced Raman Scattering (SERS). <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	8
453	Intermittent control strategy for synchronization of fractional-order neural networks via piecewise Lyapunov function method. <i>Journal of the Franklin Institute</i> , 2019 , 356, 4648-4676	4	9
452	Influence of Multiple Factors on the Wettability and Surface Free Energy of Leaf Surface. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 593	2.6	18
451	Sampled-data-based dissipative control of T-S fuzzy systems. <i>Applied Mathematical Modelling</i> , 2019 , 65, 415-427	4.5	101
450	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
449	Application of Deep Learning in Integrated Pest Management: A Real-Time System for Detection and Diagnosis of Oilseed Rape Pests. <i>Mobile Information Systems</i> , 2019 , 2019, 1-14	1.4	9

448	Variety Identification of Orchids Using Fourier Transform Infrared Spectroscopy Combined with Stacked Sparse Auto-Encoder. <i>Molecules</i> , 2019 , 24,	4.8	4
447	Signal Enhancement of Cadmium in Lettuce Using Laser-Induced Breakdown Spectroscopy Combined with Pyrolysis Process. <i>Molecules</i> , 2019 , 24,	4.8	5
446	Time-Series Chlorophyll Fluorescence Imaging Reveals Dynamic Photosynthetic Fingerprints of Mutants to Drought Stress. <i>Sensors</i> , 2019 , 19,	3.8	12
445	Application of Near-infrared Spectroscopy and Multiple Spectral Algorithms to Explore the Effect of Soil Particle Sizes on Soil Nitrogen Detection. <i>Molecules</i> , 2019 , 24,	4.8	7
444	Strawberry Yield Prediction Based on a Deep Neural Network Using High-Resolution Aerial Orthoimages. <i>Remote Sensing</i> , 2019 , 11, 1584	5	56
443	Assessment of External Properties for Identifying Banana Fruit Maturity Stages Using Optical Imaging Techniques. <i>Sensors</i> , 2019 , 19,	3.8	11
442	Combining Fourier Transform Mid-Infrared Spectroscopy with Chemometric Methods to Detect Adulterations in Milk Powder. <i>Sensors</i> , 2019 , 19,	3.8	9
441	Study of 2,4-D Spectral Characteristics and Its Detection in Zizania Latifolia Using Terahertz Time-Domain Spectroscopy. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 2248	2.6	6
440	Rapid and Nondestructive Measurement of Rice Seed Vitality of Different Years Using Near-Infrared Hyperspectral Imaging. <i>Molecules</i> , 2019 , 24,	4.8	23
439	Rapid Classification of Wheat Grain Varieties Using Hyperspectral Imaging and Chemometrics. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 4119	2.6	30
438	. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 10686-10699	10.7	14
437	A NOVEL RAISIN SEGMENTATION ALGORITHM BASED ON DEEP LEARNING AND MORPHOLOGICAL ANALYSIS. <i>Engenharia Agricola</i> , 2019 , 39, 639-648	0.6	1
436	Stability analysis of systems with two additive time-varying delay components via an improved delay interconnection Lyapunov-Krasovskii functional. <i>Journal of the Franklin Institute</i> , 2019 , 356, 3457-3473	4.7	16
435	Color Calibration of Proximal Sensing RGB Images of Oilseed Rape Canopy via Deep Learning Combined with K-Means Algorithm. <i>Remote Sensing</i> , 2019 , 11, 3001	5	17
434	Rapid and Nondestructive Classification of Cantonese Sausage Degree Using Hyperspectral Images. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 822	2.6	2
433	Citrus Tree Segmentation from UAV Images Based on Monocular Machine Vision in a Natural Orchard Environment. <i>Sensors</i> , 2019 , 19,	3.8	15
432	Application of Near-Infrared Hyperspectral Imaging with Machine Learning Methods to Identify Geographical Origins of Dry Narrow-Leaved Oleaster () Fruits. <i>Foods</i> , 2019 , 8,	4.9	10
431	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

430	Exponential stability criterion of the switched neural networks with time-varying delay. <i>Neurocomputing</i> , 2019 , 331, 1-9	5.4	9
429	Sampled-data stabilization of chaotic systems based on a T-S fuzzy model. <i>Information Sciences</i> , 2019 , 483, 262-272	7.7	70
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	Improved stability criteria for the neural networks with time-varying delay via new augmented Lyapunov-Krasovskii functional. <i>Applied Mathematics and Computation</i> , 2019 , 349, 258-269	2.7	17
426	New results on dissipativity analysis of singular systems with time-varying delay. <i>Information Sciences</i> , 2019 , 479, 292-300	7.7	21
425	New stability criteria of singular systems with time-varying delay via free-matrix-based integral inequality. <i>International Journal of Systems Science</i> , 2018 , 49, 1032-1039	2.3	16
424	Stability analysis of fractional-order neural networks: An LMI approach. <i>Neurocomputing</i> , 2018 , 285, 82-93	9.4	37
423	Stability analysis of Lur \bar{B} systems with additive delay components via a relaxed matrix inequality. <i>Applied Mathematics and Computation</i> , 2018 , 328, 224-242	2.7	29
422	Indefinite Lyapunov functions for input-to-state stability of impulsive systems. <i>Information Sciences</i> , 2018 , 436-437, 343-351	7.7	22
421	Quasi-convex combination method and its application to the stability analysis of 2D discrete-time Roesser systems with time-varying delays. <i>IET Control Theory and Applications</i> , 2018 , 12, 718-727	2.5	1
420	Dissipativity analysis for neural networks with two-delay components using an extended reciprocally convex matrix inequality. <i>Information Sciences</i> , 2018 , 450, 169-181	7.7	15
419	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
418	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
417	Delay-dependent state estimation for neural networks with time-varying delay. <i>Neurocomputing</i> , 2018 , 275, 881-887	5.4	9
416	New Augmented Lyapunov-Krasovskii Functional for Stability Analysis of Systems with Additive Time-Varying Delays. <i>Asian Journal of Control</i> , 2018 , 20, 1663-1670	1.7	15
415	Improved Generalized H2 Filtering for Static Neural Networks with Time-Varying Delay via Free-Matrix-Based Integral Inequality. <i>Mathematical Problems in Engineering</i> , 2018 , 2018, 1-9	1.1	3
414	Improved Robust Passive Criteria of Neural Networks with Discrete and Distributed Delays Based on Extended Reciprocally Convex Matrix Inequality. <i>International Journal of Control, Automation and Systems</i> , 2018 , 16, 2480-2488	2.9	4
413	Comparative Study of the Detection of Chromium Content in Rice Leaves by 532 nm and 1064 nm Laser-Induced Breakdown Spectroscopy. <i>Sensors</i> , 2018 , 18,	3.8	20

4 ¹²	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
4 ¹¹	The Effects of Drying Temperature on Nitrogen Concentration Detection in Calcium Soil Studied by NIR Spectroscopy. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 269	2.6	4
4 ¹⁰	Molecular Characterization and Theoretical Calculation of Plant Growth Regulators Based on Terahertz Time-Domain Spectroscopy. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 420	2.6	10
4 ⁰⁹	Rapid and Quantitative Determination of Soil Water-Soluble Nitrogen Based on Surface-Enhanced Raman Spectroscopy Analysis. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 701	2.6	1
4 ⁰⁸	Rapid Determination of Chlorophyll and Pheophytin in Green Tea Using Fourier Transform Infrared Spectroscopy. <i>Molecules</i> , 2018 , 23,	4.8	24
4 ⁰⁷	Non-Destructive and Rapid Variety Discrimination and Visualization of Single Grape Seed Using Near-Infrared Hyperspectral Imaging Technique and Multivariate Analysis. <i>Molecules</i> , 2018 , 23,	4.8	27
4 ⁰⁶	Density Functional Theory Analysis of Deltamethrin and Its Determination in Strawberry by Surface Enhanced Raman Spectroscopy. <i>Molecules</i> , 2018 , 23,	4.8	16
4 ⁰⁵	Research on the Effects of Drying Temperature on Nitrogen Detection of Different Soil Types by Near Infrared Sensors. <i>Sensors</i> , 2018 , 18,	3.8	12
4 ⁰⁴	Spectral Analysis and Sensitive Waveband Determination Based on Nitrogen Detection of Different Soil Types Using Near Infrared Sensors. <i>Sensors</i> , 2018 , 18,	3.8	20
4 ⁰³	Fast Detection of Copper Content in Rice by Laser-Induced Breakdown Spectroscopy with Uni- and Multivariate Analysis. <i>Sensors</i> , 2018 , 18,	3.8	29
4 ⁰²	Rapid Determination of Thiabendazole Pesticides in Rape by Surface Enhanced Raman Spectroscopy. <i>Sensors</i> , 2018 , 18,	3.8	28
4 ⁰¹	Development of Noninvasive Classification Methods for Different Roasting Degrees of Coffee Beans Using Hyperspectral Imaging. <i>Sensors</i> , 2018 , 18,	3.8	21
4 ⁰⁰	Quantitative Analysis of Nutrient Elements in Soil Using Single and Double-Pulse Laser-Induced Breakdown Spectroscopy. <i>Sensors</i> , 2018 , 18,	3.8	36
399	Detection of Stem Rot on Oilseed Rape (L.) Leaves Using Hyperspectral Imaging. <i>Sensors</i> , 2018 , 18,	3.8	13
398	Detection of Oil Chestnuts Infected by Blue Mold Using Near-Infrared Hyperspectral Imaging Combined with Artificial Neural Networks. <i>Sensors</i> , 2018 , 18,	3.8	13
397	Selection of Spectral Resolution and Scanning Speed for Detecting Green Jujubes Chilling Injury Based on Hyperspectral Reflectance Imaging. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 523	2.6	7
396	Extended dissipativity analysis for discrete-time delayed neural networks based on an extended reciprocally convex matrix inequality. <i>Information Sciences</i> , 2018 , 462, 357-366	7.7	13
395	Energy-to-Peak State Estimation for Static Neural Networks With Interval Time-Varying Delays. <i>IEEE Transactions on Cybernetics</i> , 2018 ,	10.2	29

394	GainTKW: A Measurement System of Thousand Kernel Weight Based on the Android Platform. <i>Agronomy</i> , 2018 , 8, 178	3.6	19
393	Variety Identification of Raisins Using Near-Infrared Hyperspectral Imaging. <i>Molecules</i> , 2018 , 23,	4.8	20
392	Identification of Hybrid Okra Seeds Based on Near-Infrared Hyperspectral Imaging Technology. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 1793	2.6	12
391	Identification of Maize Kernel Vigor under Different Accelerated Aging Times Using Hyperspectral Imaging. <i>Molecules</i> , 2018 , 23,	4.8	17
390	Fast Detection of on Oilseed Rape Leaves Using Low-Altitude Remote Sensing Technology. <i>Sensors</i> , 2018 , 18,	3.8	10
389	Hyperspectral Image-Based Variety Classification of Waxy Maize Seeds by the t-SNE Model and Procrustes Analysis. <i>Sensors</i> , 2018 , 18,	3.8	16
388	Rapid Determination of Cadmium Contamination in Lettuce Using Laser-Induced Breakdown Spectroscopy. <i>Molecules</i> , 2018 , 23,	4.8	19
387	Application of Hyperspectral Imaging to Detect <i>Sclerotinia sclerotiorum</i> on Oilseed Rape Stems. <i>Sensors</i> , 2018 , 18,	3.8	48
386	Reachable set estimation for Markovian jump neural networks with time-varying delay. <i>Neural Networks</i> , 2018 , 108, 527-532	9.1	35
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