Le Yi Wang

List of Publications by Year
in descending order

242 papers	7,521 citations	57631 44 h-index	69108 77 g-index
242 all docs	242 docs citations	242 times ranked	6429 citing authors

#	Article	IF	Citations
1	Detection and Genetic Characterization of Deltacoronavirus in Pigs, Ohio, USA, 2014. Emerging Infectious Diseases, 2014, 20, 1227-30.	2.0	283
2	A novel method to obtain the open circuit voltage for the state of charge of lithium ion batteries in electric vehicles by using H infinity filter. Applied Energy, 2017, 207, 346-353.	5.1	233
3	System identification using binary sensors. IEEE Transactions on Automatic Control, 2003, 48, 1892-1907.	3.6	231
4	New Variant of Porcine Epidemic Diarrhea Virus, United States, 2014. Emerging Infectious Diseases, 2014, 20, 917-919.	2.0	226
5	Spike Protein VP8* of Human Rotavirus Recognizes Histo-Blood Group Antigens in a Type-Specific Manner. Journal of Virology, 2012, 86, 4833-4843.	1.5	221
6	Distributed Cooperative Optimal Control of DC Microgrids With Communication Delays. IEEE Transactions on Industrial Informatics, 2018, 14, 3924-3935.	7.2	214
7	Stability Margin Improvement of Vehicular Platoon Considering Undirected Topology and Asymmetric Control. IEEE Transactions on Control Systems Technology, 2016, 24, 1253-1265.	3.2	185
8	Communication Information Structures and Contents for Enhanced Safety of Highway Vehicle Platoons. IEEE Transactions on Vehicular Technology, 2014, 63, 4206-4220.	3.9	152
9	SARS-CoV-2 detection in patients with influenza-like illness. Nature Microbiology, 2020, 5, 675-678.	5.9	149
10	Robust and Adaptive Estimation of State of Charge for Lithium-Ion Batteries. IEEE Transactions on Industrial Electronics, 2015, 62, 4948-4957.	5.2	148
11	System Identification with Quantized Observations. Systems and Control: Foundations and Applications, 2010, , .	0.1	147
12	Swine Influenza H1N1 Virus Induces Acute Inflammatory Immune Responses in Pig Lungs: a Potential Animal Model for Human H1N1 Influenza Virus. Journal of Virology, 2010, 84, 11210-11218.	1.5	132
13	A capacity model based on charging process for state of health estimation of lithium ion batteries. Applied Energy, 2016, 177, 537-543.	5.1	130
14	A Generalized SOC-OCV Model for Lithium-Ion Batteries and the SOC Estimation for LNMCO Battery. Energies, 2016, 9, 900.	1.6	127
15	A rapid low-temperature internal heating strategy with optimal frequency based on constant polarization voltage for lithium-ion batteries. Applied Energy, 2016, 177, 771-782.	5.1	126
16	Enhanced Identification of Battery Models for Real-Time Battery Management. IEEE Transactions on Sustainable Energy, 2011, 2, 300-308.	5.9	125
17	Asymptotically efficient parameter estimation using quantized output observations. Automatica, 2007, 43, 1178-1191.	3.0	124
18	A low-temperature internal heating strategy without lifetime reduction for large-size automotive lithium-ion battery pack. Applied Energy, 2018, 230, 257-266.	5.1	109

#	Article	IF	Citations
19	Integrated System Identification and State-of-Charge Estimation of Battery Systems. IEEE Transactions on Energy Conversion, 2013, 28, 12-23.	3.7	107
20	A reduced low-temperature electro-thermal coupled model for lithium-ion batteries. Applied Energy, 2016, 177, 804-816.	5.1	103
21	Robust Longitudinal Control of Multi-Vehicle Systemsâ€"A Distributed H-Infinity Method. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 2779-2788.	4.7	99
22	Identification of Wiener systems with binary-valued output observations. Automatica, 2007, 43, 1752-1765.	3.0	98
23	Porcine Coronavirus HKU15 Detected in 9 US States, 2014. Emerging Infectious Diseases, 2014, 20, 1594-1595.	2.0	96
24	Online accurate state of health estimation for battery systems on real-world electric vehicles with variable driving conditions considered. Journal of Cleaner Production, 2021, 294, 125814.	4.6	96
25	Joint identification of plant rational models and noise distribution functions using binary-valued observations. Automatica, 2006, 42, 535-547.	3.0	95
26	Online joint-prediction of multi-forward-step battery SOC using LSTM neural networks and multiple linear regression for real-world electric vehicles. Journal of Energy Storage, 2020, 30, 101459.	3.9	94
27	Butlerâ€"Volmer-Equation-Based Electrical Model for High-Power Lithium Titanate Batteries Used in Electric Vehicles. IEEE Transactions on Industrial Electronics, 2015, 62, 7557-7568.	5.2	89
28	Influence of information flow topology on closed-loop stability of vehicle platoon with rigid formation. , 2014, , .		83
29	A study on the impact of open circuit voltage tests on state of charge estimation for lithium-ion batteries. Applied Energy, 2017, 205, 892-902.	5.1	83
30	Reliability Evaluation of Large Scale Battery Energy Storage Systems. IEEE Transactions on Smart Grid, 2017, 8, 2733-2743.	6.2	82
31	Control of vehicle platoons for highway safety and efficient utility: Consensus with communications and vehicle dynamics. Journal of Systems Science and Complexity, 2014, 27, 605-631.	1.6	78
32	Adaptive State of Charge Estimation for Li-Ion Batteries Based on an Unscented Kalman Filter with an Enhanced Battery Model. Energies, 2013, 6, 4134-4151.	1.6	77
33	State Observability and Observers of Linear-Time-Invariant Systems Under Irregular Sampling and Sensor Limitations. IEEE Transactions on Automatic Control, 2011, 56, 2639-2654.	3.6	70
34	Stochastic Consentability of Linear Systems With Time Delays and Multiplicative Noises. IEEE Transactions on Automatic Control, 2018, 63, 1059-1074.	3.6	67
35	Norovirus P Particle Efficiently Elicits Innate, Humoral and Cellular Immunity. PLoS ONE, 2013, 8, e63269.	1.1	60
36	Genomic and evolutionary inferences between American and global strains of porcine epidemic diarrhea virus. Preventive Veterinary Medicine, 2016, 123, 175-184.	0.7	60

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37	Fast identification n-widths and uncertainty principles for LTI and slowly varying systems. IEEE Transactions on Automatic Control, 1994, 39, 1827-1838.	3.6	58
38	Distributed Energy Management for Smart Grids With an Event-Triggered Communication Scheme. IEEE Transactions on Control Systems Technology, 2019, 27, 1950-1961.	3.2	58
39	Control of electrical power assist systems: HÃ¢Â^Âž design, torque estimation and structural stability. Review of Automotive Engineering, 2001, 22, 435-444.	0.2	55
40	Incorporating Generator Equivalent Model Into Voltage Stability Analysis. IEEE Transactions on Power Systems, 2013, 28, 4857-4866.	4.6	55
41	Exponential convergence of distributed primalâ€"dual convex optimization algorithm without strong convexity. Automatica, 2019, 105, 298-306.	3.0	51
42	Identification of swine H1N2/pandemic H1N1 reassortant influenza virus in pigs, United States. Veterinary Microbiology, 2012, 158, 60-68.	0.8	50
43	Battery Cell Identification and SOC Estimation Using String Terminal Voltage Measurements. IEEE Transactions on Vehicular Technology, 2012, 61, 2925-2935.	3.9	49
44	Asymptotically efficient identification of FIR systems with quantized observations and general quantized inputs. Automatica, 2015, 57, 113-122.	3.0	48
45	Topology of a Bidirectional Converter for Energy Interaction between Electric Vehicles and the Grid. Energies, 2014, 7, 4858-4894.	1.6	46
46	Asymptotic properties of consensus-type algorithms for networked systems with regime-switching topologies. Automatica, 2011, 47, 1366-1378.	3.0	45
47	Stability of stochastic functional differential systems using degenerate Lyapunov functionals and applications. Automatica, 2018, 91, 197-207.	3.0	45
48	Balanced Control Strategies for Interconnected Heterogeneous Battery Systems. IEEE Transactions on Sustainable Energy, 2016, 7, 189-199.	5.9	43
49	Platoon Control of Connected Vehicles from a Networked Control Perspective: Literature Review, Component Modeling, and Controller Synthesis. IEEE Transactions on Vehicular Technology, 2024, , 1-1.	3.9	43
50	Distributed Smooth Convex Optimization With Coupled Constraints. IEEE Transactions on Automatic Control, 2020, 65, 347-353.	3.6	43
51	Recombination between Vaccine and Field Strains of Porcine Reproductive and Respiratory Syndrome Virus. Emerging Infectious Diseases, 2019, 25, 2335-2337.	2.0	42
52	Supervisory Control of Networked Timed Discrete Event Systems and Its Applications to Power Distribution Networks. IEEE Transactions on Control of Network Systems, 2017, 4, 146-158.	2.4	40
53	Polyvalent complexes for vaccine development. Biomaterials, 2013, 34, 4480-4492.	5.7	39
54	Genomic variation, origin tracing, and vaccine development of SARS-CoV-2: A systematic review. Innovation(China), 2021, 2, 100116.	5.2	39

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55	Quantized Identification With Dependent Noise and Fisher Information Ratio of Communication Channels. IEEE Transactions on Automatic Control, 2010, 55, 674-690.	3.6	37
56	Persistent identification of systems with unmodeled dynamics and exogenous disturbances. IEEE Transactions on Automatic Control, 2000, 45, 1246-1256.	3.6	36
57	Development and evaluation of a duplex real-time RT-PCR for detection and differentiation of virulent and variant strains of porcine epidemic diarrhea viruses from the United States. Journal of Virological Methods, 2014, 207, 154-157.	1.0	36
58	Butler-Volmer equation-based model and its implementation on state of power prediction of high-power lithium titanate batteries considering temperature effects. Energy, 2016, 117, 58-72.	4.5	36
59	Porcine deltacoronavirus: histological lesions and genetic characterization. Archives of Virology, 2016, 161, 171-175.	0.9	36
60	Identification Input Design for Consistent Parameter Estimation of Linear Systems With Binary-Valued Output Observations. IEEE Transactions on Automatic Control, 2008, 53, 867-880.	3.6	34
61	Affinities of recombinant norovirus P dimers for human blood group antigens. Glycobiology, 2013, 23, 276-285.	1.3	34
62	Impact of Communication Erasure Channels on the Safety of Highway Vehicle Platoons. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 1456-1468.	4.7	33
63	Identification of Wiener systems with quantized inputs and binary-valued output observations. Automatica, 2017, 78, 280-286.	3.0	33
64	Adaptive Feedforward Compensation for Voltage Source Disturbance Rejection in DC–DC Converters. IEEE Transactions on Control Systems Technology, 2018, 26, 344-351.	3.2	33
65	Single-cell stochastic gene expression kinetics with coupled positive-plus-negative feedback. Physical Review E, 2019, 100, 052406.	0.8	33
66	Aftertreatment control and adaptation for automotive lean burn engines with HEGO sensors. International Journal of Adaptive Control and Signal Processing, 2004, 18, 145-166.	2.3	31
67	Porcine Hemagglutinating Encephalomyelitis Virus and Respiratory Disease in Exhibition Swine, Michigan, USA, 2015. Emerging Infectious Diseases, 2017, 23, 1168-1171.	2.0	31
68	Dry Heat as a Decontamination Method for N95 Respirator Reuse. Environmental Science and Technology Letters, 2020, 7, 677-682.	3.9	31
69	Persistent identification of time-varying systems. IEEE Transactions on Automatic Control, 1997, 42, 66-82.	3.6	30
70	Space and time complexities and sensor threshold selection in quantized identification. Automatica, 2008, 44, 3014-3024.	3.0	30
71	Robust and Scalable Management of Power Networks in Dual-Source Trolleybus Systems: A Consensus Control Framework. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 1029-1038.	4.7	30
72	Decentralized Electric Vehicle Charging Strategies for Reduced Load Variation and Guaranteed Charge Completion in Regional Distribution Grids. Energies, 2017, 10, 147.	1.6	30

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73	Stability of a pure random delay system with two-time-scale Markovian switching. Journal of Differential Equations, 2012, 253, 878-905.	1.1	28
74	Whole genome sequencing confirms source of pathogens associated with bacterial foodborne illness in pets fed raw pet food. Journal of Veterinary Diagnostic Investigation, 2019, 31, 235-240.	0.5	28
75	Sequencing and mutational analysis of the non-coding regions of influenza A virus. Veterinary Microbiology, 2009, 135, 239-247.	0.8	27
76	Identification of Systems With Regime Switching and Unmodeled Dynamics. IEEE Transactions on Automatic Control, 2009, 54, 34-47.	3.6	27
77	Dual Averaging Push for Distributed Convex Optimization Over Time-Varying Directed Graph. IEEE Transactions on Automatic Control, 2020, 65, 1785-1791.	3.6	27
78	Multiâ€fault synergistic diagnosis of battery systems based on the modified multiâ€scale entropy. International Journal of Energy Research, 2019, 43, 8350-8369.	2.2	26
79	Point mutation in Pompe disease in Chinese. Journal of Inherited Metabolic Disease, 1994, 17, 145-148.	1.7	25
80	Tracking and identification of regime-switching systems using binary sensors. Automatica, 2009, 45, 944-955.	3.0	25
81	A Bi-Level Optimization Approach to Charging Load Regulation of Electric Vehicle Fast Charging Stations Based on a Battery Energy Storage System. Energies, 2018, 11, 229.	1.6	25
82	Online estimation of thermal parameters based on a reduced wide-temperature-range electro-thermal coupled model for lithium-ion batteries. Journal of Power Sources, 2018, 396, 715-724.	4.0	25
83	Uncertainty Principles and Identification n-Widths for LTI and Slowly Varying Systems. , 1992, , .		25
84	Genomic and Phylogenetic Characterization of Novel, Recombinant H5N2 Avian Influenza Virus Strains Isolated from Vaccinated Chickens with Clinical Symptoms in China. Viruses, 2015, 7, 887-898.	1.5	24
85	State reconstruction for linear time-invariant systems with binary-valued output observations. Systems and Control Letters, 2008, 57, 958-963.	1.3	23
86	Norovirus P Particle as a Platform for Antigen Presentation. Procedia in Vaccinology, 2011, 4, 19-26.	0.4	23
87	Moment exponential stability of random delay systems with two-time-scale Markovian switching. Nonlinear Analysis: Real World Applications, 2012, 13, 2476-2490.	0.9	23
88	System Identification: New Paradigms, Challenges, and Opportunities. Zidonghua Xuebao/Acta Automatica Sinica, 2013, 39, 933-942.	1.5	22
89	Real-Time Parameter Estimation of PMDC Motors Using Quantized Sensors. IEEE Transactions on Vehicular Technology, 2013, 62, 2977-2986.	3.9	22
90	Detection and Genomic Characterization of Senecavirus A, Ohio, USA, 2015. Emerging Infectious Diseases, 2017, 22, 1321-1323.	2.0	22

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91	*In Vitro* Analysis of Virus Particle Subpopulations in Candidate Live-Attenuated Influenza Vaccines Distinguishes Effective from Ineffective Vaccines. Journal of Virology, 2010, 84, 10974-10981.	1.5	21
92	Weighted and Constrained Consensus for Distributed Power Dispatch of Scalable Microgrids. Asian Journal of Control, 2015, 17, 1725-1741.	1.9	21
93	Flexible Grouping for Enhanced Energy Utilization Efficiency in Battery Energy Storage Systems. Energies, 2016, 9, 498.	1.6	21
94	Distributed quasi-monotone subgradient algorithm for nonsmooth convex optimization over directed graphs. Automatica, 2019, 101, 175-181.	3.0	21
95	Distributed noise‐resilient economic dispatch strategy for islanded microgrids. IET Generation, Transmission and Distribution, 2019, 13, 3029-3039.	1.4	19
96	Cyclic System Reconfiguration and Time-Split Signal Separation With Applications to Lung Sound Pattern Analysis. IEEE Transactions on Signal Processing, 2007, 55, 2897-2913.	3.2	18
97	Almost sure convergence rates for system identification using binary, quantized, and regular sensors. Automatica, 2014, 50, 2120-2127.	3.0	18
98	Branched-linear and agglomerate protein polymers as vaccine platforms. Biomaterials, 2014, 35, 8427-8438.	5.7	18
99	Closed-loop persistent identification of linear systems with unmodeled dynamics and stochastic disturbances. Automatica, 2002, 38, 1463-1474.	3.0	17
100	Time-shared channel identification for adaptive noise cancellation in breath sound extraction. Journal of Control Theory and Applications, 2004, 2, 209-221.	0.8	17
101	Two-Time-Scale Hybrid Traffic Models for Pedestrian Crowds. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 3449-3460.	4.7	17
102	Bovine Kobuvirus in Calves with Diarrhea, United States. Emerging Infectious Diseases, 2020, 26, 176-178.	2.0	17
103	Simultaneous detection of classical swine fever virus and porcine circovirus 3 by SYBR green I-based duplex real-time fluorescence quantitative PCR. Molecular and Cellular Probes, 2020, 50, 101524.	0.9	17
104	Observer-Based State Feedback for Enhanced Insulin Control of Type â€˜Iâ€™ Diabetic Patients. Open Biomedical Engineering Journal, 2011, 5, 98-109.	0.7	16
105	The Design and Analysis of Thermal-Resilient Hard-Real-Time Systems. , 2012, , .		16
106	Decision-Based System Identification and Adaptive Resource Allocation. IEEE Transactions on Automatic Control, 2017, 62, 2166-2179.	3.6	16
107	Optimal Power Management in DC Microgrids With Applications to Dual-Source Trolleybus Systems. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 1188-1197.	4.7	16
108	Distributed Optimal Power and Voltage Management in DC Microgrids: Applications to Dual-Source Trolleybus Systems. IEEE Transactions on Transportation Electrification, 2018, 4, 778-788.	5.3	16

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109	Fractional differential equation approach for convex optimization with convergence rate analysis. Optimization Letters, 2020, 14, 145-155.	0.9	16
110	Molecular epidemiology of norovirus gastroenteritis in children in Jiangmen, China, 2005–2007. Archives of Virology, 2011, 156, 1641-1646.	0.9	15
111	Network robustness depth and topology management of networked dynamic systems. Journal of Systems Science and Complexity, 2016, 29, 1-21.	1.6	15
112	Genetic characterization and recombination analysis of atypical porcine pestivirus. Infection, Genetics and Evolution, 2020, 81, 104259.	1.0	15
113	Distributed Dual Subgradient Algorithms With Iterate-Averaging Feedback for Convex Optimization With Coupled Constraints. IEEE Transactions on Cybernetics, 2021, 51, 2529-2539.	6.2	15
114	Exponential ergodicity for retarded stochastic differential equations. Applicable Analysis, 2014, 93, 2330-2349.	0.6	14
115	Communication-Failure-Resilient Distributed Frequency Control in Smart Grids: Part I: Architecture and Distributed Algorithms. IEEE Transactions on Power Systems, 2020, 35, 1317-1326.	4.6	14
116	Cyber-Physical Scheduling for Predictable Reliability of Inter-Vehicle Communications. IEEE Transactions on Vehicular Technology, 2020, 69, 4192-4206.	3.9	14
117	On metric dimensions of discrete-time systems. Systems and Control Letters, 1992, 19, 287-291.	1.3	13
118	Stochastic Recursive Algorithms for Networked Systems with Delay and Random Switching: Multiscale Formulations and Asymptotic Properties. Multiscale Modeling and Simulation, 2011, 9, 1087-1112.	0.6	13
119	Identification of linear continuous-time systems under irregular and random output sampling. Automatica, 2015, 60, 100-114.	3.0	13
120	Hammerstein Models and Real-Time System Identification of Load Dynamics for Voltage Management. IEEE Access, 2018, 6, 34598-34607.	2.6	13
121	Detection and Characterization of New Coronavirus in Bottlenose Dolphin, United States, 2019. Emerging Infectious Diseases, 2020, 26, 1610-1612.	2.0	13
122	Data-Driven Statistical Analysis and Diagnosis of Networked Battery Systems. IEEE Transactions on Sustainable Energy, 2017, 8, 1177-1186.	5.9	12
123	Impact of Communication Erasure Channels on Control Performance of Connected and Automated Vehicles. IEEE Transactions on Vehicular Technology, 2018, 67, 29-43.	3.9	12
124	Probabilistic Per-Packet Real-Time Guarantees for Wireless Networked Sensing and Control. IEEE Transactions on Industrial Informatics, 2018, 14, 2133-2145.	7.2	12
125	Hybrid Control of Networked Battery Systems. IEEE Transactions on Sustainable Energy, 2019, 10, 1109-1119.	5.9	12
126	Stochastic Prediction of Execution Time for Dynamic Bulk Synchronous Computations. Journal of Supercomputing, 2002, 21, 91-103.	2.4	11

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127	Asymptotic optimality for consensus-type stochastic approximation algorithms using iterate averaging. Journal of Control Theory and Applications, 2013, 11, 1-9.	0.8	11
128	A new transfer impedance based system equivalent model for voltage stability analysis. International Journal of Electrical Power and Energy Systems, 2014, 62, 38-44.	3.3	11
129	Robustness of SOC Estimation Algorithms for EV Lithium-Ion Batteries against Modeling Errors and Measurement Noise. Mathematical Problems in Engineering, 2015, 2015, 1-14.	0.6	11
130	Genetic and phylogenetic analysis of a novel parvovirus isolated from chickens in Guangxi, China. Archives of Virology, 2016, 161, 3285-3289.	0.9	11
131	How much information is needed in quantized nonlinear control?. Science China Information Sciences, 2018, 61, 1.	2.7	11
132	Information control in networked discrete event systems and its application to battery management systems. Discrete Event Dynamic Systems: Theory and Applications, 2020, 30, 243-268.	0.6	11
133	Genomics accurately predicts antimicrobial resistance in Staphylococcus pseudintermedius collected as part of Vet-LIRN resistance monitoring. Veterinary Microbiology, 2021, 254, 109006.	0.8	11
134	Early Diagnosis of Accelerated Aging for Lithium-Ion Batteries With an Integrated Framework of Aging Mechanisms and Data-Driven Methods. IEEE Transactions on Transportation Electrification, 2022, 8, 4722-4742.	5.3	11
135	Coordinated control and communication for enhanced safety of highway vehicle platoons. , 2013, , .		10
136	N-diagnosability for active on-line diagnosis in discrete event systems. Automatica, 2017, 83, 220-225.	3.0	10
137	Detection and genomic characterization of new avian-like hepatitis E virus in a sparrow in the United States. Archives of Virology, 2018, 163, 2861-2864.	0.9	10
138	Deduction of the transformation regulation on voltage curve for lithium-ion batteries and its application in parameters estimation. ETransportation, 2022, 12, 100164.	6.8	10
139	Time complexity and model complexity of fast identification of continuous-time LTI systems. IEEE Transactions on Automatic Control, 1999, 44, 1814-1828.	3.6	9
140	Optimal remapping in dynamic bulk synchronous computations via a stochastic control approach. IEEE Transactions on Parallel and Distributed Systems, 2003, 14, 51-62.	4.0	9
141	Identification Error Bounds and Asymptotic Distributions for Systems with Structural Uncertainties. Journal of Systems Science and Complexity, 2006, 19, 22-35.	1.6	9
142	Accurate Probabilistic Characterization of Battery Estimates by Using Large Deviation Principles for Real-Time Battery Diagnosis. IEEE Transactions on Energy Conversion, 2013, 28, 860-870.	3.7	9
143	Load Prediction and Distributed Optimal Control of On-Board Battery Systems for Dual-Source Trolleybuses. IEEE Transactions on Transportation Electrification, 2017, 3, 284-296.	5.3	9
144	Razumikhin-type theorems on moment exponential stability of functional differential equations involving two-time-scale Markovian switching. Mathematical Control and Related Fields, 2015, 5, 697-719.	0.6	9

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145	Continuity of optimal robustness and robust stabilization in slowly varying systems. Automatica, 1995, 31, 1-11.	3.0	8
146	Developing Live Attenuated Avian Influenza Virus<i>In Ovo</i>Vaccines for Poultry. Avian Diseases, 2010, 54, 297-301.	0.4	8
147	Asynchronous Stochastic Approximation Algorithms for Networked Systems: Regime-Switching Topologies and Multiscale Structure. Multiscale Modeling and Simulation, 2013, 11, 813-839.	0.6	8
148	Astrovirus in White-Tailed Deer, United States, 2018. Emerging Infectious Diseases, 2020, 26, 374-376.	2.0	8
149	Identification of cascaded systems with linear and quantized observations. Asian Journal of Control, 2010, 12, 1-14.	1.9	7
150	Detection of influenza viral gene in European starlings and experimental infection. Influenza and Other Respiratory Viruses, 2011, 5, 268-275.	1.5	7
151	Joint state and event observers for linear switching systems under irregular sampling. Automatica, 2013, 49, 894-905.	3.0	7
152	Feedback systems with communications: integrated study of signal estimation, sampling, quantization, and feedback robustness. International Journal of Adaptive Control and Signal Processing, 2014, 28, 496-522.	2.3	7
153	Detection and genetic characterization of porcine pegivirus from pigs in China. Virus Genes, 2019, 55, 248-252.	0.7	7
154	Uncertainty, information and complexity in identification and control. International Journal of Robust and Nonlinear Control, 2000, 10, 857-874.	2.1	6
155	Optimal periodic remapping of bulk synchronous computations on multiprogrammed distributed systems. , 0, , .		6
156	Achieving Thermal-Resiliency for Multicore Hard-Real-Time Systems. , 2013, , .		6
157	Controllability, Observability, and Integrated State Estimation and Control of Networked Battery Systems. IEEE Transactions on Control Systems Technology, 2018, 26, 1699-1710.	3.2	6
158	Impact of Communication Packet Delivery Ratio on Reliability of Optimal Load Tracking and Allocation in DC Microgrids. IEEE Transactions on Smart Grid, 2021, 12, 2812-2821.	6.2	6
159	Genotyping atypical porcine pestivirus using NS5a. Infection, Genetics and Evolution, 2021, 92, 104866.	1.0	6
160	Localâ€"global double algebras for slow Hˆž adaptation; the case of l2 disturbances. IMA Journal of Mathematical Control and Information, 1991, 8, 287-319.	1.1	5
161	Information-based complexity of uncertainty sets in feedback control. IEEE Transactions on Automatic Control, 2001, 46, 519-533.	3.6	5
162	Optimal periodic remapping of dynamic bulk synchronous computations. Journal of Parallel and Distributed Computing, 2003, 63, 1036-1049.	2.7	5

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163	Near-optimal mean–variance controls under two-time-scale formulations and applications. Stochastics, 2013, 85, 723-741.	0.6	5
164	System Identification Under Regular, Binary, and Quantized Observations: Moderate Deviations Error Bounds. IEEE Transactions on Automatic Control, 2015, 60, 1635-1640.	3.6	5
165	US variant porcine epidemic diarrhea virus: histological lesions and genetic characterization. Virus Genes, 2016, 52, 578-581.	0.7	5
166	A generalized Goodwin business cycle model in random environment. Journal of Mathematical Analysis and Applications, 2016, 438, 311-327.	0.5	5
167	Structural basis of host ligand specificity change of GII porcine noroviruses from their closely related GII human noroviruses. Emerging Microbes and Infections, 2019, 8, 1642-1657.	3.0	5
168	Development of a reverse transcription-loop-mediated isothermal amplification (RT-LAMP) assay for the detection of porcine pegivirus. Journal of Virological Methods, 2019, 270, 59-65.	1.0	5
169	Development of a triplex real-time RT-PCR assay for detection and differentiation of three US genotypes of porcine hemagglutinating encephalomyelitis virus. Journal of Virological Methods, 2019, 269, 13-17.	1.0	5
170	Switching Stochastic Approximation and Applications to Networked Systems. IEEE Transactions on Automatic Control, 2019, 64, 3587-3601.	3.6	5
171	Subcellular localization of the porcine deltacoronavirus nucleocapsid protein. Virus Genes, 2020, 56, 687-695.	0.7	5
172	Impact of Stochastic Generation/Load Variations on Distributed Optimal Energy Management in DC Microgrids for Transportation Electrification. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 7196-7205.	4.7	5
173	Co-ordinate transformation in back-stepping design for a class of non-linear systems. International Journal of Adaptive Control and Signal Processing, 1995, 9, 433-442.	2.3	4
174	Cyclic system reconfiguration for adaptive separation of lung and heart sounds. , 2006, , .		4
175	Information Characterization of Communication Channels for System Identification. Journal of Systems Science and Complexity, 2007, 20, 251-261.	1.6	4
176	On-line parameter estimation of PMDC motors using binary-valued speed measurements. , 2012, , .		4
177	Online parameter estimation of PMDC motors using quantized output observations. , 2012, , .		4
178	Parameter estimation and reliable fault detection of electric motors. Control Theory and Technology, 2014, 12, 110-121.	1.0	4
179	Communication-Failure-Resilient Distributed Frequency Control in Smart Grids: Part II: Algorithmic Implementation and System Simulations. IEEE Transactions on Power Systems, 2020, 35, 3192-3202.	4.6	4
180	How conservative is frozen-time interpolation?. Systems and Control Letters, 1992, 18, 277-283.	1.3	3

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181	Disturbance attenuation via state feedback for systems with a saturation nonlinearity in the control channel. Automatica, 1996, 32, 929-931.	3.0	3
182	Fundamental limitations and differences of robust and adaptive control. , 2001, , .		3
183	Q-Learning Algorithms with Random Truncation Bounds and Applications to Effective Parallel Computing. Journal of Optimization Theory and Applications, 2008, 137, 435-451.	0.8	3
184	Signal estimation with binary-valued sensors. Journal of Systems Science and Complexity, 2010, 23, 622-639.	1.6	3
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