Tianyou Chai

List of Publications by Citations

158 papers	3,656 citations	35 h-index	55 g-index
174 ext. papers	4,874 ext. citations	6.5 avg, IF	6.25 L-index

#	Paper	IF	Citations
158	Global finite-time stabilization of a class of switched nonlinear systems with the powers of positive odd rational numbers. *Automatica*, **2015**, 54, 360-373	5.7	335
157	Light Field Image Processing: An Overview. *IEEE Journal on Selected Topics in Signal Processing*, **2017**, 11, 926-954	7.5	233
156	Output-feedback adaptive optimal control of interconnected systems based on robust adaptive dynamic programming. *Automatica*, **2016**, 72, 37-45	5.7	137
155	Networked Multirate Output Feedback Control for Setpoints Compensation and Its Application to Rougher Flotation Process. *IEEE Transactions on Industrial Electronics*, **2014**, 61, 460-468	8.9	105
154	Sampled-data-based stabilization of switched linear neutral systems. *Automatica*, **2016**, 72, 92-99	5.7	101
153	Nonlinear multivariable adaptive control using multiple models and neural networks. *Automatica*, **2007**, 43, 1101-1110	5.7	100
152	Generalized Multitasking for Evolutionary Optimization of Expensive Problems. *IEEE Transactions on Evolutionary Computation*, **2019**, 23, 44-58	15.6	94
151	Adaptive Finite-Time Stabilization of a Class of Uncertain Nonlinear Systems via Logic-Based Switchings. *IEEE Transactions on Automatic Control*, **2017**, 62, 5998-6003	5.9	91
150	Light Field Reconstruction Using Deep Convolutional Network on EPI **2017**,		87
149	Off-Policy Reinforcement Learning for Synchronization in Multiagent Graphical Games. *IEEE Transactions on Neural Networks and Learning Systems*, **2017**, 28, 2434-2445	10.3	82
148	Data-Driven Flotation Industrial Process Operational Optimal Control Based on Reinforcement Learning. *IEEE Transactions on Industrial Informatics*, **2018**, 14, 1974-1989	11.9	73
147	Stabilization of Switched Linear Neutral Systems: An Event-Triggered Sampling Control Scheme. *IEEE Transactions on Automatic Control*, **2018**, 63, 3537-3544	5.9	68
146	Hybrid intelligent control for optimal operation of shaft furnace roasting process. *Control Engineering Practice*, **2011**, 19, 264-275	3.9	63
145	Heterogeneous Ensemble-Based Infill Criterion for Evolutionary Multiobjective Optimization of Expensive Problems. *IEEE Transactions on Cybernetics*, **2019**, 49, 1012-1025	10.2	60
144	Optimal operational control for complex industrial processes. *Annual Reviews in Control*, **2014**, 38, 81-92	10.3	59
143	Integrated Network-Based Model Predictive Control for Setpoints Compensation in Industrial Processes. *IEEE Transactions on Industrial Informatics*, **2013**, 9, 417-426	11.9	54
142	Off-Policy Interleaved Q -Learning: Optimal Control for Affine Nonlinear Discrete-Time Systems. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 1308-1320	10.3	52

141	Data-Driven Nonlinear Subspace Modeling for Prediction and Control of Molten Iron Quality Indices in Blast Furnace Ironmaking. *IEEE Transactions on Control Systems Technology*, **2017**, 25, 1761-1774	4.8	51
140	Data-Driven Robust M-LS-SVR-Based NARX Modeling for Estimation and Control of Molten Iron Quality Indices in Blast Furnace Ironmaking. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 4007-4021	10.3	48
139	Multiobjective Production Planning Optimization Using Hybrid Evolutionary Algorithms for Mineral Processing. *IEEE Transactions on Evolutionary Computation*, **2011**, 15, 487-514	15.6	48
138	Light Field Reconstruction Using Convolutional Network on EPI and Extended Applications. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2019**, 41, 1681-1694	13.3	46
137	Data-Driven Robust RVFLNs Modeling of a Blast Furnace Iron-Making Process Using Cauchy Distribution Weighted M-Estimation. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 7141-7151	8.9	44
136	Dwell-Time-Based Observer Design for Unknown Input Switched Linear Systems Without Requiring Strong Detectability of Subsystems. *IEEE Transactions on Automatic Control*, **2017**, 62, 4215-4221	5.9	44
135	Learning Sheared EPI Structure for Light Field Reconstruction. *IEEE Transactions on Image Processing*, **2019**, 28, 3261-3273	8.7	43
134	Tracking Control for Linear Discrete-Time Networked Control Systems With Unknown Dynamics and Dropout. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 4607-4620	10.3	43
133	Data-Driven Optimization Control for Safety Operation of Hematite Grinding Process. *IEEE Transactions on Industrial Electronics*, **2015**, 62, 2930-2941	8.9	42
132	Multiple models and neural networks based decoupling control of ball mill coal-pulverizing systems. *Journal of Process Control*, **2011**, 21, 351-366	3.9	42
131	Data-based virtual unmodeled dynamics driven multivariable nonlinear adaptive switching control. *IEEE Transactions on Neural Networks*, **2011**, 22, 2154-72		41
130	. *IEEE Transactions on Industrial Informatics*, **2016**, 12, 454-465	11.9	40
129	Dual-Rate Operational Optimal Control for Flotation Industrial Process With Unknown Operational Model. *IEEE Transactions on Industrial Electronics*, **2019**, 66, 4587-4599	8.9	39
128	Multitasking Multiobjective Evolutionary Operational Indices Optimization of Beneficiation Processes. *IEEE Transactions on Automation Science and Engineering*, **2019**, 16, 1046-1057	4.9	39
127	Off-Policy Reinforcement Learning: Optimal Operational Control for Two-Time-Scale Industrial Processes. *IEEE Transactions on Cybernetics*, **2017**, 47, 4547-4558	10.2	37
126	EKF-Based Enhanced Performance Controller Design for Nonlinear Stochastic Systems. *IEEE Transactions on Automatic Control*, **2018**, 63, 1155-1162	5.9	37
125	Particle size estimate of grinding processes using random vector functional link networks with improved robustness. *Neurocomputing*, **2015**, 169, 361-372	5.4	36
124	Motion/force tracking control of nonholonomic mechanical systems via combining cascaded design and backstepping. *Automatica*, **2013**, 49, 3682-3686	5.7	36

123	Decentralized fractional-order backstepping fault-tolerant control of multi-UAVs against actuator faults and wind effects. *Aerospace Science and Technology*, **2020**, 104, 105939	4.9	31
122	Optimal Output Regulation of Linear Discrete-Time Systems With Unknown Dynamics Using Reinforcement Learning. *IEEE Transactions on Cybernetics*, **2020**, 50, 3147-3156	10.2	31
121	. *IEEE Transactions on Industrial Electronics*, **2021**, 68, 622-631	8.9	31
120	A hybrid evolutionary multiobjective optimization strategy for the dynamic power supply problem in magnesia grain manufacturing. *Applied Soft Computing Journal*, **2013**, 13, 2960-2969	7.5	30
119	Dwell-Time-Based Standard H_infty Control of Switched Systems Without Requiring Internal Stability of Subsystems. *IEEE Transactions on Automatic Control*, **2019**, 64, 3019-3025	5.9	29
118	Online Solution of Two-Player Zero-Sum Games for Continuous-Time Nonlinear Systems With Completely Unknown Dynamics. *IEEE Transactions on Neural Networks and Learning Systems*, **2016**, 27, 2577-2587	10.3	29
117	Robust Adaptive Dynamic Programming of Two-Player Zero-Sum Games for Continuous-Time Linear Systems. *IEEE Transactions on Neural Networks and Learning Systems*, **2015**, 26, 3314-9	10.3	28
116	Knowledge-Based Global Operation of Mineral Processing Under Uncertainty. *IEEE Transactions on Industrial Informatics*, **2012**, 8, 849-859	11.9	28
115	Output Feedback Stabilization for a Class of Multi-Variable Bilinear Stochastic Systems With Stochastic Coupling Attenuation. *IEEE Transactions on Automatic Control*, **2017**, 62, 2936-2942	5.9	26
114	Nonzero-Sum Game Reinforcement Learning for Performance Optimization in Large-Scale Industrial Processes. *IEEE Transactions on Cybernetics*, **2020**, 50, 4132-4145	10.2	23
113	Bounds on Delay Consensus Margin of Second-Order Multiagent Systems With Robust Position and Velocity Feedback Protocol. *IEEE Transactions on Automatic Control*, **2019**, 64, 3780-3787	5.9	21
112	Motion Tracking Control Design for a Class of Nonholonomic Mobile Robot Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 2150-2156	7.3	21
111	Integrated Optimization for the Automation Systems of Mineral Processing. *IEEE Transactions on Automation Science and Engineering*, **2014**, 11, 965-982	4.9	20
110	A new decoupling design of self-tuning multivariable generalized predictive control. *International Journal of Adaptive Control and Signal Processing*, **1999**, 13, 183-196	2.8	20
109	Operational Control of Mineral Grinding Processes Using Adaptive Dynamic Programming and Reference Governor. *IEEE Transactions on Industrial Informatics*, **2019**, 15, 2210-2221	11.9	20
108	Modeling and Simulation of Whole Ball Mill Grinding Plant for Integrated Control. *IEEE Transactions on Automation Science and Engineering*, **2014**, 11, 1004-1019	4.9	19
107	Cooperative adaptive optimal output regulation of nonlinear discrete-time multi-agent systems. *Automatica*, **2020**, 121, 109149	5.7	19
106	Ensemble Stochastic Configuration Networks for Estimating Prediction Intervals: A Simultaneous Robust Training Algorithm and Its Application. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 5426-5440	10.3	18

105	A Data-Driven Dual-Rate Control Method for a Heat Exchanging Process. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 4158-4168	8.9	18
104	Data-driven recursive subspace identification based online modelling for prediction and control of molten iron quality in blast furnace ironmaking. *IET Control Theory and Applications*, **2017**, 11, 2343-2351	2.5	18
103	Nussbaum-based finite-time fractional-order backstepping fault-tolerant flight control of fixed-wing UAV against input saturation with hardware-in-the-loop validation. *Mechanical Systems and Signal Processing*, **2021**, 153, 107406	7.8	18
102	An improved multi-source based soft sensor for measuring cement free lime content. *Information Sciences*, **2015**, 323, 94-105	7.7	16
101	Distribution function tracking filter design using hybrid characteristic functions. *Automatica*, **2010**, 46, 101-109	5.7	16
100	Intelligent control using multiple models and neural networks. *International Journal of Adaptive Control and Signal Processing*, **2008**, 22, 495-509	2.8	16
99	MPC-based setpoint compensation with unreliable wireless communications and constrained operational conditions. *Neurocomputing*, **2017**, 270, 110-121	5.4	15
98	Fractional-Order Adaptive Fault-Tolerant Synchronization Tracking Control of Networked Fixed-Wing UAVs Against Actuator-Sensor Faults via Intelligent Learning Mechanism. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, 32, 5539-5553	10.3	15
97	Distributed adaptive fault-tolerant close formation flight control of multiple trailing fixed-wing UAVs. *ISA Transactions*, **2020**, 106, 181-199	5.5	14
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95	A Comparative Study That Measures Ball Mill Load Parameters Through Different Single-Scale and Multiscale Frequency Spectra-Based Approaches. *IEEE Transactions on Industrial Informatics*, **2016**, 12, 2008-2019	11.9	14
94	Data-based multiple-model prediction of the production rate for hematite ore beneficiation process. *Control Engineering Practice*, **2015**, 45, 219-229	3.9	14
93	Estimation of effluent quality using PLS-based extreme learning machines. *Neural Computing and Applications*, **2013**, 22, 509-519	4.8	14
92	A hybrid intelligent optimal control method for complex flotation process. *International Journal of Systems Science*, **2009**, 40, 945-960	2.3	14
91	An improved constraint satisfaction adaptive neural network for job-shop scheduling. *Journal of Scheduling*, **2010**, 13, 17-38	1.6	14
90	Composite Adaptive Disturbance Observer-Based Decentralized Fractional-Order Fault-Tolerant Control of Networked UAVs. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-15	7.3	14
89	Survey on higher-level advanced control for grinding circuits operation. *Powder Technology*, **2016**, 288, 324-338	5.2	13
88	Predicting mill load using partial least squares and extreme learning machines. *Soft Computing*, **2012**, 16, 1585-1594	3.5	13

87	Dynamic performance enhancement for nonlinear stochastic systems using RBF driven nonlinear compensation with extended Kalman filter. *Automatica*, **2020**, 112, 108693	5.7	13
86	Offline Data-Driven Multiobjective Optimization: Knowledge Transfer Between Surrogates and Generation of Final Solutions. *IEEE Transactions on Evolutionary Computation*, **2020**, 1-1	15.6	13
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84	Data-Driven PID Controller and Its Application to Pulp Neutralization Process. *IEEE Transactions on Control Systems Technology*, **2018**, 26, 828-841	4.8	12
83	New Methods for Optimal Operational Control of Industrial Processes Using Reinforcement Learning on Two Time Scales. *IEEE Transactions on Industrial Informatics*, **2020**, 16, 3085-3099	11.9	12
82	An Alternating Identification Algorithm for a Class of Nonlinear Dynamical Systems. *IEEE Transactions on Neural Networks and Learning Systems*, **2017**, 28, 1606-1617	10.3	11
81	Modeling for output fiber length distribution of refining process using wavelet neural networks trained by NSGA II and gradient based two-stage hybrid algorithm. *Neurocomputing*, **2017**, 238, 24-32	5.4	11
80	Data-driven optimal control of operational indices for a class of industrial processes. *IET Control Theory and Applications*, **2016**, 10, 1348-1356	2.5	11
79	Hardware-in-the-loop simulation platform for supervisory control of mineral grinding process. *Powder Technology*, **2016**, 288, 422-434	5.2	11
78	Minimized coupling in probability sense for a class of multivariate dynamic stochastic control systems **2015**,		11
77	An intelligent switching control for a mixed separation thickener process. *Control Engineering Practice*, **2016**, 57, 61-71	3.9	11
76	Deep-Neural-Network-Based Economic Model Predictive Control for Ultrasupercritical Power Plant. *IEEE Transactions on Industrial Informatics*, **2020**, 16, 5905-5913	11.9	10
75	Adaptive Interleaved Reinforcement Learning: Robust Stability of Affine Nonlinear Systems With Unknown Uncertainty. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, PP,	10.3	10
74	Intelligent Demand Forecasting of Smelting Process Using Data-Driven and Mechanism Model. *IEEE Transactions on Industrial Electronics*, **2019**, 66, 9745-9755	8.9	10
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70	Spatial-Angular Attention Network for Light Field Reconstruction. *IEEE Transactions on Image Processing*, **2021**, 30, 8999-9013	8.7	8

69	Fractional order PID-based adaptive fault-tolerant cooperative control of networked unmanned aerial vehicles against actuator faults and wind effects with hardware-in-the-loop experimental validation. *Control Engineering Practice*, **2021**, 114, 104861	3.9	8
68	Dual-Rate Adaptive Control for Mixed Separation Thickening Process Using Compensation Signal Based Approach. *IEEE Transactions on Industrial Electronics*, **2018**, 65, 3621-3632	8.9	7
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66	Revisiting Light Field Rendering with Deep Anti-Aliasing Neural Network. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2021**, PP,	13.3	7
65	An intelligent factory-wide optimal operation system for continuous production process. *Enterprise Information Systems*, **2016**, 10, 286-302	3.5	6
64	. *IEEE Transactions on Industrial Electronics*, **2018**, 65, 7248-7257	8.9	6
63	Neural-network-based two-loop control of robotic manipulators including actuator dynamics in task space. *Journal of Control Theory and Applications*, **2009**, 7, 112-118		6
62	. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 4033-4042	7.3	6
61	Delay Consensus Margin of First-Order Multiagent Systems With Undirected Graphs and PD Protocols. *IEEE Transactions on Automatic Control*, **2021**, 66, 4192-4198	5.9	6
60	Distributed Fractional-Order Intelligent Adaptive Fault-Tolerant Formation-Containment Control of Two-Layer Networked Unmanned Airships for Safe Observation of a Smart City. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	6
59	Intelligent optimal control system for ball mill grinding process. *Journal of Control Theory and Applications*, **2013**, 11, 454-462		5
58	Data-driven demand forecasting method for fused magnesium furnaces **2016**,		5
57	Hardware-in-the-Loop Multiobjective Extremum-Seeking Control of Mineral Grinding. *IEEE Transactions on Control Systems Technology*, **2021**, 29, 961-971	4.8	5
56	Inverse Reinforcement Learning in Tracking Control Based on Inverse Optimal Control. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	5
55	A Novel Multimanifold Joint Projections Model for Multimode Process Monitoring. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 5961-5970	11.9	5
54	Data-Driven Surrogate-Assisted Multi-Objective Optimization of Complex Beneficiation Operational Process. *IFAC-PapersOnLine*, **2017**, 50, 14982-14987	0.7	4
53	Prediction of BOF Endpoint Temperature and Carbon Content. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **1999**, 32, 7039-7043		4
52	Constrained Operational Optimization of a Distillation Unit in Refineries With Varying Feedstock Properties. *IEEE Transactions on Control Systems Technology*, **2020**, 28, 2752-2761	4.8	4

51	Intelligent Prediction of Train Delay Changes and Propagation Using RVFLNs With Improved Transfer Learning and Ensemble Learning. *IEEE Transactions on Intelligent Transportation Systems*, **2020**, 1-13	6.1	4
50	Hierarchical-Bayesian-Based Sparse Stochastic Configuration Networks for Construction of Prediction Intervals. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP,	10.3	4
49	Output regulation for networked switched systems with alternate event-triggered control under transmission delays and packet losses. *Automatica*, **2021**, 131, 109716	5.7	4
48	Mesoscale Particle Size Predictive Model for Operational Optimal Control of Bauxite Ore Grinding Process. *IEEE Transactions on Industrial Informatics*, **2020**, 16, 7714-7721	11.9	3
47	Dynamic Evolutionary Multiobjective Optimization for Raw Ore Allocation in Mineral Processing. *IEEE Transactions on Emerging Topics in Computational Intelligence*, **2018**, 1-13	4.1	3
46	Hybrid intelligent control of combustion process for ore-roasting furnace. *Journal of Control Theory and Applications*, **2008**, 6, 80-85		3
45	Singularity-Free Continuous Adaptive Control of Uncertain Underactuated Surface Vessels With Prescribed Performance. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-10	7.3	3
44	Off-policy Q-learning: Solving Nash equilibrium of multi-player games with network-induced delay and unmeasured state. *Automatica*, **2022**, 136, 110076	5.7	3
43	Exponential Convergence for Distributed Optimization Under the Restricted Secant Inequality Condition. *IFAC-PapersOnLine*, **2020**, 53, 2672-2677	0.7	3
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41	. *IEEE Transactions on Automatic Control*, **2020**, 1-1	5.9	3
40	Dual-Rate Adaptive Optimal Tracking Control for Dense Medium Separation Process Using Neural Networks. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, 32, 4202-4216	10.3	3
39	Observer-Based Composite Adaptive Type-2 Fuzzy Control for PEMFC Air Supply Systems. *IEEE Transactions on Fuzzy Systems*, **2020**, 1-1	8.3	3
38	Data-driven ALS-SVR-ARMA2K modelling with AMPSO parameter optimisation for a high consistency refining system in papermaking. *IET Control Theory and Applications*, **2016**, 10, 1620-1629	2.5	3
37	Distributed Kalman Consensus Filter for Estimation With Moving Targets. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	3
36	Linear Convergence of First- and Zeroth-Order Primal-Dual Algorithms for Distributed Nonconvex Optimization. *IEEE Transactions on Automatic Control*, **2021**, 1-1	5.9	3
35	Demand Forecasting of the Fused Magnesia Smelting Process With System Identification and Deep Learning. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 8387-8396	11.9	3
34	Iterative learning based particle size distribution control in grinding process using output PDF method **2013**,		2

33	Multi-objective Hybrid Intelligent Optimization of Operational Indices for Industrial Processes and Application. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2011**, 44, 10517-10522		2
32	The hybrid intelligent control for the fused magnesia production **2009**,		2
31	PRODUCTION PROCESS MANAGEMENT SYSTEM FOR PRODUCTION INDICES OPTIMIZATION OF MINERAL PROCESSING. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2005**, 38, 178-183		2
30	Evolutionary Optimization Under Uncertainty: The Strategies to Handle Varied Constraints for Fluid Catalytic Cracking Operation. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	2
29	Off-Policy Reinforcement Learning for Tracking in Continuous-Time Systems on Two Time Scales. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, 32, 4334-4346	10.3	2
28	Compensation-signal-driven control for a class of nonlinear uncertain systems. *Automatica*, **2021**, 125, 109423	5.7	2
27	Robust Inverse Q-Learning for Continuous-Time Linear Systems in Adversarial Environments. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	2
26	Model Free Adaptive Predictive Control of Multivariate Molten Iron Quality in Blast Furnace Ironmaking **2018**,		2
25	Resilient Cooperative Control for High-Speed Trains Under Denial-of-Service Attacks. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 12427-12436	6.8	2
24	A signal compensation based cascaded PI control for an industrial heat exchange system. *Control Engineering Practice*, **2020**, 98, 104372	3.9	1
23	Set-Valued Feedback Control and Its Application to Event-Triggered Sampled-Data Systems. *IEEE Transactions on Automatic Control*, **2020**, 65, 4965-4972	5.9	1
22	Joint Device Assignment and Power Allocation in Multihoming Heterogeneous Multicarrier NOMA Networks. *IEEE Systems Journal*, **2020**, 1-12	4.3	1
21	Dynamic Scheduling, Operation Control and Their Integration in High-Speed Railways: A Review of Recent Research. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-17	6.1	1
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17	Global Finite-Time Output-Feedback Stabilization of Nonlinear Systems Under Relaxed Conditions. *IEEE Transactions on Automatic Control*, **2021**, 66, 4259-4266	5.9	1
16	Kalman Filter-Based Data-Driven Robust Model-Free Adaptive Predictive Control of a Complicated Industrial Process. *IEEE Transactions on Automation Science and Engineering*, **2021**, 1-16	4.9	1

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14	. *IEEE Transactions on Industrial Electronics*, **2021**, 1-1	8.9	1
13	Bounds on Delay Margin for Consensus of Second-Order Multi-Agent Systems **2018**,		1
12	Model-Free Linear Discrete-Time System H□Control Using Input-Output Data **2018**,		1
11	H□Based Minimal Energy Adaptive Control With Preset Convergence Rate. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	1
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9	Off-Policy Q-Learning for Anti-Interference Control of Multi-Player Systems. *IFAC-PapersOnLine*, **2020**, 53, 9189-9194	0.7	0
8	Signal Compensation Based Adaptive Cascade Control for Regrinding Processes. *IEEE Transactions on Industrial Electronics*, **2020**, 67, 8732-8742	8.9	0
7	Dual-Rate Adaptive Decoupling Controller and Its Application to a Dual-Tank Water System. *IEEE Transactions on Control Systems Technology*, **2020**, 28, 2515-2522	4.8	0
6	A Knowledge Transfer Based Scheduling Algorithm for Large-Scale Refinery Production. *IEEE Transactions on Industrial Informatics*, **2021**, 1-1	11.9	0
5	Hybrid adaptive control of nonlinear systems with non-Lipschitz nonlinearities. *Systems and Control Letters*, **2021**, 156, 105012	2.4	0
4	Intelligent Control of Coal-Pulverizing Systems With Ball-Tube Mill. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **1999**, 32, 7214-7219		
3	Demand Forecasting of a Fused Magnesia Smelting Process Based on LSTM and FRA. *Communications in Computer and Information Science*, **2020**, 201-215	0.3	
2	Prediction method for energy consumption per ton of fused magnesium furnaces using data driven and mechanism model. *Control Theory and Technology*, **2019**, 17, 24-36	1	
1	Compensation Signal Based Dual-Rate Operational Feedback Decoupling Control for Flotation Processes. *IEEE Transactions on Industrial Electronics*, **2021**, 1-1	8.9	