Simone Baldi

List of Publications by Year
in descending order

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179	4,118	117625	155660
papers	citations	34 h-index	55 g-index

181	181	181	3005
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Occupancy-based demand response and thermal comfort optimization in microgrids with renewable energy sources and energy storage. Applied Energy, 2016, 163, 93-104.	10.1	281
2	An Adaptive Switched Control Approach to Heterogeneous Platooning With Intervehicle Communication Losses. IEEE Transactions on Control of Network Systems, 2018, 5, 1434-1444.	3.7	148
3	On adaptive sliding mode control without a priori bounded uncertainty. Automatica, 2020, 111, 108650.	5.0	140
4	Intelligent energy and thermal comfort management in grid-connected microgrids with heterogeneous occupancy schedule. Applied Energy, 2015, 149, 194-203.	10.1	132
5	A novel Lyapunov function for a non-weighted<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml8" display="inline" overflow="scroll" altimg="si2.gif"><mml:msub><mml:mrow><mml:mi mathvariant="script">L</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math> gain of asynchronously switched linear systems. Automatica, 2018, 87, 310-317.	5.0	110
6	Multi-model unfalsified adaptive switching supervisory control. Automatica, 2010, 46, 249-259.	5.0	109
7	Adaptive Asymptotic Tracking Control of Uncertain Time-Driven Switched Linear Systems. IEEE Transactions on Automatic Control, 2017, 62, 5802-5807.	5.7	106
8	Automating occupant-building interaction via smart zoning of thermostatic loads: A switched self-tuning approach. Applied Energy, 2018, 231, 1246-1258.	10.1	79
9	Consensus in High-Power Multiagent Systems With Mixed Unknown Control Directions via Hybrid Nussbaum-Based Control. IEEE Transactions on Cybernetics, 2022, 52, 5184-5196.	9.5	76
10	An Adaptive Learning-Based Approach for Nearly Optimal Dynamic Charging of Electric Vehicle Fleets. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 2066-2075.	8.0	74
11	A Separation-Based Methodology to Consensus Tracking of Switched High-Order Nonlinear Multiagent Systems. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 5467-5479.	11.3	71
12	Distributed Reinforcement Learning Algorithm for Dynamic Economic Dispatch With Unknown Generation Cost Functions. IEEE Transactions on Industrial Informatics, 2020, 16, 2258-2267.	11.3	66
13	Joint energy demand and thermal comfort optimization in photovoltaic-equipped interconnected microgrids. Energy Conversion and Management, 2015, 101, 352-363.	9.2	60
14	Model-based and model-free â€œplug-and-playâ€•building energy efficient control. Applied Energy, 2015, 154, 829-841.	10.1	60
15	Overcoming the Underestimation and Overestimation Problems in Adaptive Sliding Mode Control. IEEE/ASME Transactions on Mechatronics, 2019, 24, 2031-2039.	5.8	60
16	Real-time monitoring energy efficiency and performance degradation of condensing boilers. Energy Conversion and Management, 2017, 136, 329-339.	9.2	58
17	A New Adaptive-Robust Design for Time Delay Control Under State-Dependent Stability Condition. IEEE Transactions on Control Systems Technology, 2021, 29, 420-427.	5.2	56
18	Adaptive stabilization of impulsive switched linear time-delay systems: A piecewise dynamic gain approach. Automatica, 2019, 103, 322-329.	5.0	54

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19	Establishing Platoons of Bidirectional Cooperative Vehicles With Engine Limits and Uncertain Dynamics. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 2679-2691.	8.0	54
20	Dual estimation: Constructing building energy models from data sampled at low rate. Applied Energy, 2016, 169, 81-92.	10.1	52
21	Multi-level condition-based maintenance planning for railway infrastructures â€“ A scenario-based chance-constrained approach. Transportation Research Part C: Emerging Technologies, 2017, 84, 92-123.	7.6	52
22	The Set-Invariance Paradigm in Fuzzy Adaptive DSC Design of Large-Scale Nonlinear Input-Constrained Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 1035-1045.	9.3	52
23	Addressing Unmodeled Path-Following Dynamics via Adaptive Vector Field: A UAV Test Case. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 1613-1622.	4.7	52
24	Grid-Connected Microgrids: Demand Management via Distributed Control and Human-in-the-Loop Optimization. , 2018, , 315-344.		50
25	Finite-Time Fuzzy Adaptive Constrained Tracking Control for Hypersonic Flight Vehicles With Singularity-Free Switching. IEEE/ASME Transactions on Mechatronics, 2022, 27, 1594-1605.	5.8	50
26	The Non-Smoothness Problem in Disturbance Observer Design: A Set-Invariance-Based Adaptive Fuzzy Control Method. IEEE Transactions on Fuzzy Systems, 2019, 27, 598-604.	9.8	48
27	A "plug and play" computationally efficient approach for control design of large-scale nonlinear systems using cosimulation: a combination of two "ingredients". IEEE Control Systems, 2014, 34, 56-71.	0.8	47
28	Robust adaptive tracking control of uncertain slowly switched linear systems. Nonlinear Analysis: Hybrid Systems, 2018, 27, 1-12.	3.5	47
29	Traffic Flow on a Ring With a Single Autonomous Vehicle: An Interconnected Stability Perspective. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4998-5008.	8.0	47
30	Adaptive synchronization of unknown heterogeneous agents: An adaptive virtual model reference approach. Journal of the Franklin Institute, 2019, 356, 935-955.	3.4	40
31	Lyapunov-Equation-Based Stability Analysis for Switched Linear Systems and Its Application to Switched Adaptive Control. IEEE Transactions on Automatic Control, 2021, 66, 2250-2256.	5.7	40
32	Proactive control for solar energy exploitation: A german high-inertia building case study. Applied Energy, 2015, 155, 409-420.	10.1	39
33	A Simulation-Based Traffic Signal Control for Congested Urban Traffic Networks. Transportation Science, 2019, 53, 6-20.	4.4	39
34	Logic-based distributed switching control for agents in power-chained form with multiple unknown control directions. Automatica, 2022, 137, 110143.	5.0	39
35	An integrated control-oriented modelling for HVAC performance benchmarking. Journal of Building Engineering, 2016, 6, 262-273.	3.4	36
36	A software-in-the-loop implementation of adaptive formation control for fixed-wing UAVs. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 1230-1239.	13.1	35

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37	Nonlinear Systems With Uncertain Periodically Disturbed Control Gain Functions: Adaptive Fuzzy Control With Invariance Properties. IEEE Transactions on Fuzzy Systems, 2020, 28, 746-757.	9.8	33
38	Towards structure-independent stabilization for uncertain underactuated Eulerâ€“Lagrange systems. Automatica, 2020, 113, 108775.	5.0	33
39	Artificial-Delay Adaptive Control for Underactuated Eulerâ€“Lagrange Robotics. IEEE/ASME Transactions on Mechatronics, 2021, 26, 3064-3075.	5.8	33
40	Multiple Model Adaptive Mixing Control: The Discrete-Time Case. IEEE Transactions on Automatic Control, 2012, 57, 1040-1045.	5.7	32
41	Output Synchronization of Unknown Heterogeneous Agents via Distributed Model Reference Adaptation. IEEE Transactions on Control of Network Systems, 2019, 6, 515-525.	3.7	32
42	Adaptive Optimal Control for Large-Scale Nonlinear Systems. IEEE Transactions on Automatic Control, 2017, 62, 5567-5577.	5.7	31
43	Reachable set estimation for switched linear systems with dwell-time switching. Nonlinear Analysis: Hybrid Systems, 2018, 29, 20-33.	3.5	31
44	A Simultaneous Adaptation Law for a Class of Nonlinearly Parametrized Switched Systems. , 2019, 3, 487-492.		31
45	Adaptive Prescribed Performance Asymptotic Tracking for High-Order Odd-Rational-Power Nonlinear Systems. IEEE Transactions on Automatic Control, 2023, 68, 1047-1053.	5.7	31
46	Integrated condition-based track maintenance planning and crew scheduling of railway networks. Transportation Research Part C: Emerging Technologies, 2019, 105, 359-384.	7.6	30
47	A New Continuous-Time Stability Perspective of Time-Delay Control: Introducing a State-Dependent Upper Bound Structure. , 2019, 3, 475-480.		30
48	Monitoring energy efficiency of condensing boilers via hybrid first-principle modelling and estimation. Energy, 2018, 142, 121-129.	8.8	29
49	A Switching-Based Adaptive Dynamic Programming Method to Optimal Traffic Signaling. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4160-4170.	9.3	27
50	Wide-Area Damping Control Resilience Towards Cyber-Attacks: A Dynamic Loop Approach. IEEE Transactions on Smart Grid, 2021, 12, 3438-3447.	9.0	27
51	A DSC method for strict-feedback nonlinear systems with possibly unbounded control gain functions. Neurocomputing, 2018, 275, 1383-1392.	5.9	26
52	Adaptive Leaderâ€“Follower Synchronization Over Heterogeneous and Uncertain Networks of Linear Systems Without Distributed Observer. IEEE Transactions on Automatic Control, 2021, 66, 1925-1931.	5.7	25
53	Adaptive mixing control with multiple estimators. International Journal of Adaptive Control and Signal Processing, 2012, 26, 800-820.	4.1	24
54	Convex Design Control for Practical Nonlinear Systems. IEEE Transactions on Automatic Control, 2014, 59, 1692-1705.	5.7	24

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55	A Novel Modelling Approach for Condensing Boilers Based on Hybrid Dynamical Systems. Machines, 2016, 4, 10.	2.2	24
56	Adaptive pulse width modulation design for power converters based on affine switched systems. Nonlinear Analysis: Hybrid Systems, 2018, 30, 306-322.	3.5	24
57	Leaderless Synchronization of Heterogeneous Oscillators by Adaptively Learning the Group Model. IEEE Transactions on Automatic Control, 2020, 65, 412-418.	5.7	24
58	An Adaptive Control Framework for Underactuated Switched Eulerâ€“Lagrange Systems. IEEE Transactions on Automatic Control, 2022, 67, 4202-4209.	5.7	24
59	Integration of autoâ€steering with adaptive cruise control for improved cornering behaviour. IET Intelligent Transport Systems, 2017, 11, 667-675.	3.0	23
60	On reduced-complexity robust adaptive control of switched Eulerâ€“Lagrange systems. Nonlinear Analysis: Hybrid Systems, 2019, 34, 226-237.	3.5	22
61	Adaptive Asymptotic Tracking for a Class of Uncertain Switched Positive Compartmental Models With Application to Anesthesia. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4936-4942.	9.3	21
62	A Switching Control Perspective on the Offshore Construction Scenario of Heavy-Lift Vessels. IEEE Transactions on Control Systems Technology, 2021, 29, 470-477.	5.2	21
63	Cyclic Communication in Adaptive Strategies to Platooning: The Case of Synchronized Merging. IEEE Transactions on Intelligent Vehicles, 2021, 6, 490-500.	12.7	21
64	Multiâ€model unfalsified switching control of uncertain multivariable systems. International Journal of Adaptive Control and Signal Processing, 2012, 26, 705-722.	4.1	20
65	Adaptive hierarchical formation control for uncertain Eulerâ€“Lagrange systems using distributed inverse dynamics. European Journal of Control, 2019, 48, 52-65.	2.6	20
66	Switched Adaptive Control of Air Handling Units With Discrete and Saturated Actuators. , 2018, 2, 417-422.		19
67	Aerial Transportation of Unknown Payloads: Adaptive Path Tracking for Quadrotors. , 2020, , .		19
68	Multiâ€model unfalsified adaptive switching control: Test functionals for stability and performance. International Journal of Adaptive Control and Signal Processing, 2011, 25, 593-612.	4.1	18
69	Passive versus active learning in operation and adaptive maintenance of Heating, Ventilation, and Air Conditioning. Applied Energy, 2019, 252, 113478.	10.1	18
70	Stable Adaptation in Multi-Area Load Frequency Control Under Dynamically-Changing Topologies. IEEE Transactions on Power Systems, 2021, 36, 2946-2956.	6.5	18
71	Impact of Network Topology on the Resilience of Vehicle Platoons. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 15166-15177.	8.0	18
72	Joint estimation of vessel position and mooring stiffness during offshore crane operations. Automation in Construction, 2019, 101, 218-226.	9.8	17

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73	On Training Traffic Predictors via Broad Learning Structures: A Benchmark Study. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 749-758.	9.3	17
74	A Distributed Indirect Adaptive Approach to Cooperative Tracking in Networks of Uncertain Single-Input Single-Output Systems. IEEE Transactions on Automatic Control, 2021, 66, 4844-4851.	5.7	17
75	Stability Margins in Adaptive Mixing Control Via a Lyapunov-Based Switching Criterion. IEEE Transactions on Automatic Control, 2016, 61, 1194-1207.	5.7	16
76	Distributed Adaptive Optimization With Weight-Balancing. IEEE Transactions on Automatic Control, 2022, 67, 2068-2075.	5.7	16
77	Leaderless Consensus of Heterogeneous Multiple Eulerâ€“Lagrange Systems With Unknown Disturbance. IEEE Transactions on Automatic Control, 2023, 68, 2399-2406.	5.7	16
78	A Message Passing Algorithm for Automatic Synthesis of Probabilistic Fault Detectors from Building Automation Ontologies. IFAC-PapersOnLine, 2017, 50, 4184-4190.	0.9	15
79	A Directed Spanning Tree Adaptive Control Solution to Time-Varying Formations. IEEE Transactions on Control of Network Systems, 2021, 8, 690-701.	3.7	15
80	Distributed Output Feedback Funnel Control for Uncertain Nonlinear Multiagent Systems. IEEE Transactions on Fuzzy Systems, 2022, 30, 3708-3721.	9.8	15
81	A “plug-n-play” computationally efficient approach for control design of large-scale nonlinear systems using co-simulation. , 2013, , .		14
82	Simulation-based synthesis for approximately optimal urban traffic light management. , 2015, , .		14
83	Adaptive control of interconnected networked systems with application to heterogeneous platooning. , 2017, , .		13
84	Towards tactical behaviour planning under uncertainties for automated vehicles in urban scenarios. , 2017, , .		13
85	Fault detection and identification for a class of continuous piecewise affine systems with unknown subsystems and partitions. International Journal of Adaptive Control and Signal Processing, 2018, 32, 980-993.	4.1	13
86	Cooperative Output Regulation of Heterogeneous Unknown Systems via Passification-Based Adaptation. , 2018, 2, 151-156.		12
87	An adaptive design for quantized feedback control of uncertain switched linear systems. International Journal of Adaptive Control and Signal Processing, 2018, 32, 665-680.	4.1	12
88	A Semi-Physical Platform for Guidance and Formations of Fixed-Wing Unmanned Aerial Vehicles. Sensors, 2020, 20, 1136.	3.8	12
89	Robustifying Dynamic Positioning of Crane Vessels for Heavy Lifting Operation. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 753-765.	13.1	12
90	A Hybrid Recursive Implementation of Broad Learning With Incremental Features. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 1650-1662.	11.3	12

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91	A Review of Mathematical Models of Building Physics and Energy Technologies for Environmentally Friendly Integrated Energy Management Systems. Buildings, 2022, 12, 238.	3.1	12
92	Adaptive Vector Field Guidance Without a Priori Knowledge of Course Dynamics and Wind. IEEE/ASME Transactions on Mechatronics, 2022, 27, 4597-4607.	5.8	12
93	Real-Life Implementation of a GPS-Based Path-Following System for an Autonomous Vehicle. Sensors, 2018, 18, 3940.	3.8	11
94	On vanishing gains in robust adaptation of switched systems: A new leakage-based result for a class of Eulerâ€“Lagrange dynamics. Systems and Control Letters, 2020, 144, 104773.	2.3	11
95	On Distributed Implementation of Switch-Based Adaptive Dynamic Programming. IEEE Transactions on Cybernetics, 2022, 52, 7218-7224.	9.5	11
96	Adaptive strategies to platoon merging with vehicle engine uncertainty. IFAC-PapersOnLine, 2020, 53, 15065-15070.	0.9	11
97	Adaptive Integral Sliding Mode Control in the Presence of State-Dependent Uncertainty. IEEE/ASME Transactions on Mechatronics, 2022, 27, 3885-3895.	5.8	11
98	Automatic Tuning of the Internal Position Control of an Adaptive Secondary Mirror. European Journal of Control, 2011, 17, 273-289.	2.6	10
99	Adaptive path following for Unmanned Aerial Vehicles in time-varying unknown wind environments. , 2017, , .		10
100	A cognitive stochastic approximation approach to optimal charging schedule in electric vehicle stations. , 2017, , .		10
101	Platooning merging maneuvers in the presence of parametric uncertainty. IFAC-PapersOnLine, 2018, 51, 148-153.	0.9	10
102	The issue of transients in leakage-based model reference adaptive control of switched linear systems. Nonlinear Analysis: Hybrid Systems, 2020, 36, 100885.	3.5	10
103	Adaptation to Unknown Leader Velocity in Vector-Field UAV Formation. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 473-484.	4.7	10
104	An Adaptive Disturbance Decoupling Perspective to Longitudinal Platooning. , 2022, 6, 668-673.		10
105	A Fixed-Wing UAV Formation Algorithm Based on Vector Field Guidance. IEEE Transactions on Automation Science and Engineering, 2023, 20, 179-192.	5.2	10
106	Towards adaptive autopilots for fixed-wing unmanned aerial vehicles. , 2020, , .		9
107	The problem of reliable design of vector-field path following in the presence of uncertain course dynamics. IFAC-PapersOnLine, 2020, 53, 9399-9404.	0.9	9
108	Distributed Time-Varying Optimization of Second-Order Multiagent Systems Under Limited Interaction Ranges. IEEE Transactions on Cybernetics, 2022, 52, 13874-13886.	9.5	9

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109	Model Predictive Control for rail condition-based maintenance: A multilevel approach. , 2016, , .		8
110	Real-time Performance and Safety Validation of an Integrated Vehicle Dynamic Control Strategy. IFAC-PapersOnLine, 2017, 50, 13854-13859.	0.9	8
111	Adaptive hybrid synchronisation in uncertain Kuramoto networks with limited information. IET Control Theory and Applications, 2019, 13, 1229-1238.	2.1	8
112	Observer-based Robust Control for Dynamic Positioning of Large-Scale Heavy Lift Vessels. IFAC-PapersOnLine, 2019, 52, 138-143.	0.9	8
113	Distributed Disturbance-and-Leader Estimation for Controlling Networks of Nonholonomic Mobile Robots. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 3762-3771.	5.4	8
114	Hybrid Adaptive Chassis Control for Vehicle Lateral Stability in the Presence of Uncertainty. , 2018, , .		7
115	Beyond the Waterbed Effect: Development of Fractional Order CRONE Control with Non-Linear Reset. , 2018, , .		7
116	An adaptive approach to longitudinal platooning with heterogeneous vehicle saturations. IFAC-PapersOnLine, 2019, 52, 7-12.	0.9	7
117	Global Frequency Synchronization over Networks of Uncertain Second-Order Kuramoto Oscillators via Distributed Adaptive Tracking. , 2019, , .		7
118	Neuro-Adaptive Cooperative Tracking Rendezvous of Nonholonomic Mobile Robots. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 3167-3171.	3.0	7
119	Enabling Optimal Energy Management with Minimal IoT Requirements: A Legacy A/C Case Study. Energies, 2021, 14, 7910.	3.1	7
120	On Structural and Safety Properties of Head-to-Tail String Stability in Mixed Platoons. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 6614-6626.	8.0	7
121	On a weaker notion of ring stability for mixed traffic with human-driven and autonomous vehicles. , 2019, , .		6
122	A University Building Test Case for Occupancy-Based Building Automation. Energies, 2018, 11, 3145.	3.1	5
123	Adaptive tracking of switched nonlinear systems with prescribed performance using a reference-dependent reparametrisation approach. International Journal of Control, 2019, 92, 1243-1251.	1.9	5
124	Output-Feedback Design of Longitudinal Platooning With Adaptive Disturbance Decoupling. , 2022, 6, 3104-3109.		5
125	Evaluation of identifier based and & non-identifier based adaptive supervisory & control using a benchmark example. , 2010, , .		4
126	Multi-Model Adaptive Switching Control with Fine Controller Tuning. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 374-379.	0.4	4

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127	Integrated dynamic modelling and multivariable control of HVAC components. , 2016, , .		4
128	Online identification of continuous bimodal and trimodal piecewise affine systems. , 2016, , .		4
129	An Adaptive Approach to Cooperative Longitudinal Platooning of Heterogeneous Vehicles with Communication Losses * *The research leading to these results has been partially funded by the European Commission FP7-ICT-2013.3.4, Advanced computing, embedded and control systems, under contract #611538 (LOCAL4GLOBAL) and by the China Scholarship Council (CSC), File No.20146160098. IFAC-PapersOnLine, 2017, 50, 1352-1357.	0.9	4
130	Adaptive state-feedback synchronization with distributed input: the cyclic case. IFAC-PapersOnLine, 2018, 51, 1-6.	0.9	4
131	Adaptive synchronization in networks with heterogeneous uncertain Kuramoto-like units. , 2018, , .		4
132	A distributed disagreement-based protocol for synchronization of uncertain heterogeneous agents. , 2018, , .		4
133	The Role of Uncertainty in Adaptive Control of Switched Euler-Lagrange Systems. , 2019, , .		4
134	Unsupervised detection of botnet activities using frequent pattern tree mining. Complex & Intelligent Systems, 2022, 8, 761-769.	6.5	4
135	Broad Learning for Optimal Short-Term Traffic Flow Prediction. Lecture Notes in Computer Science, 2019, , 232-239.	1.3	4
136	Nonlinear control of large scale complex systems using convex optimization tools and self-adaptation. , 2011, , .		3
137	Piecewise polynomial policy iterations for synthesis of optimal control laws in input-saturated systems. , 2015, , .		3
138	Adaptive optimization for active queue management supporting TCP flows. , 2016, , .		3
139	Stabilization of switched linear systems using quantized output feedback via dwell-time switching. , 2017, , .		3
140	An adaptive approach to zooming-based control for uncertain systems with input quantization. , 2018, , .		3
141	Model Predictive Control for Maintenance Operations Planning of Railway Infrastructures. Lecture Notes in Computer Science, 2015, , 673-688.	1.3	3
142	Distributed Actor-Critic Algorithms for Multiagent Reinforcement Learning Over Directed Graphs. IEEE Transactions on Neural Networks and Learning Systems, 2022, PP, 1-12.	11.3	3
143	Adaptive Artificial Time Delay Control for Bipedal Walking with Robustification to State-dependent Constraint Forces. , 2021, , .		3
144	Funnel asymptotic tracking of nonlinear multi-agent systems with unmatched uncertainties. Systems and Control Letters, 2022, 167, 105313.	2.3	3

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145	Multiple-model adaptive switching control for uncertain multivariable systems. , 2011, , .		2
146	Multi-objective control strategy for energy management of grid-connected heterogeneous microgrids. , 2015, , .		2
147	An iterative Sum-of-Squares optimization for static output feedback of polynomial systems. , 2016, , .		2
148	Online policy iterations for optimal control of input-saturated systems. , 2016, , .		2
149	A supervisory approach to microgrid demand response and climate control. , 2016, , .		2
150	On robust adaptive control of switched linear systems. , 2017, , .		2
151	Eligibility traces and forgetting factor in recursive leastâ€squaresâ€based temporal difference. International Journal of Adaptive Control and Signal Processing, 2022, 36, 334-353.	4.1	2
152	Special Issue on â€œRecent Advances in Robust Adaptive Controlâ€• International Journal of Adaptive Control and Signal Processing, 2022, 36, 178-179.	4.1	2
153	Adaptive Synchronization of Uncertain Complex Networks under State-dependent a priori Interconnections. , 2021, , .		2
154	Discrete-time Adaptive Mixing Control with Stability-preserving Interpolation: the Output Regulation Problem. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 102-107.	0.4	1
155	A scalable iterative convex design for nonlinear systems. , 2012, , .		1
156	Stability margins in adaptive mixing control via a Lyapunov-based switching criterion. , 2012, , .		1
157	Multiple Estimation Architecture in Discrete-Time Adaptive Mixing Control. Machines, 2013, 1, 33-49.	2.2	1
158	Algorithms for Optimal Model Distributions in Adaptive Switching Control Schemes. Machines, 2016, 4, 7.	2.2	1
159	Control configurations in distillation columns: A comparative study. , 2016, , .		1
160	Adaptive Tracking Control of Switched Linear Systems Using Mode-Dependent Average Dwell Time. , 2018, , .		1
161	On recursive temporal difference and eligibility traces. , 2020, , .		1
162	Fuzzy Adaptive Tracking Control of High-order Nonlinear Dynamics with Mixed Control Directions. , 2020, , .		1

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163	Optimal model distributions in supervisory adaptive control. IET Control Theory and Applications, 2017, 11, 1380-1387.	2.1	1
164	Robust Adaptive Stabilization of Switched Higher-Order Planar Nonlinear Systems with Unknown Time-Varying Delays. , 2018, , .		1
165	Robust Adaptation in Dynamically Switching Load Frequency Control. IFAC-PapersOnLine, 2020, 53, 13460-13465.	0.9	1
166	Plug-and-play adaptation in autopilot architectures for unmanned aerial vehicles. , 2021, , .		1
167	Model+Learning-based Optimal Control: an Inverted Pendulum Study. , 2020, , .		1
168	A Hybrid Distributed Strategy for Robust Global Phase Synchronization of Second-Order Kuramoto Oscillators. , 2021, , .		1
169	Distributed Adaptive Consensus via Event-triggered Sampling: An Edge-based Method. , 2021, , .		1
170	Semiglobal stabilization of nonlinear uncertain systems via a Lyapunov-based switching logic. , 2013, , .		0
171	Optimal nonlinear solutions for reverse Stackelberg games with incomplete information. , 2016, , .		0
172	A model for controlled dosing of femto-litre volume liquids using hollow microcantilever. IFAC-PapersOnLine, 2017, 50, 15542-15547.	0.9	0
173	Adaptive optimization for smart operation of cyber-physical systems: A thermostatic zoning test case. , 2017, , .		0
174	Guest Editorial: Recent Advances in Control and Verification for Hybrid Systems. IET Control Theory and Applications, 2019, 13, 1219-1221.	2.1	0
175	Distributed Chance-Constrained Model Predictive Control for Condition-Based Maintenance Planning for Railway Infrastructures. , 2019, , 533-554.		0
176	Control for hybrid systems: Applications and methods for adaptation and optimality. Optimal Control Applications and Methods, 2020, 41, 1811-1812.	2.1	0
177	Model Reference Switched Adaptive Control with Nonnegative Orthant State Constraints. , 2019, , .		0
178	Optimal Tracking Strategies for Uncertain Ensembles of Thermostatically Controlled Loads. , 2020, , .		0
179	Numerical optimizationâ€based extremum seeking control of a class of constrained nonlinear systems via finiteâ€time state transition. International Journal of Robust and Nonlinear Control, 0, , .	3.7	0