

Cheng-Chew Lim

List of Publications by Year in descending order

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226
papers

6,069
citations

109321

35
h-index

85541

71
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229
all docs

229
docs citations

229
times ranked

3820
citing authors

#	ARTICLE	IF	CITATIONS
1	State estimation and sliding mode control for semi-Markovian jump systems with mismatched uncertainties. Automatica, 2015, 51, 385-393.	5.0	411
2	Network-Based Event-Triggered Control for Singular Systems With Quantizations. IEEE Transactions on Industrial Electronics, 2016, 63, 1230-1238.	7.9	344
3	Adaptive Neural Fault-Tolerant Control of a 3-DOF Model Helicopter System. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 260-270.	9.3	324
4	Robust Constrained Control for MIMO Nonlinear Systems Based on Disturbance Observer. IEEE Transactions on Automatic Control, 2015, 60, 3281-3286.	5.7	218
5	Event-Triggered Fault Detection Filter Design for a Continuous-Time Networked Control System. IEEE Transactions on Cybernetics, 2016, 46, 3414-3426.	9.5	216
6	Fault Detection Filtering for Nonhomogeneous Markovian Jump Systems via a Fuzzy Approach. IEEE Transactions on Fuzzy Systems, 2018, 26, 131-141.	9.8	212
7	Quantized Control Design for Cognitive Radio Networks Modeled as Nonlinear Semi-Markovian Jump Systems. IEEE Transactions on Industrial Electronics, 2015, 62, 2330-2340.	7.9	206
8	$\frac{H}{s^2 + \omega^2}$ fault detection observer in finite frequency domain for linear parameter-varying descriptor systems. Automatica, 2017, 86, 38-45.	11.3	170
9	Neural Network-Based Passive Filtering for Delayed Neutral-Type Semi-Markovian Jump Systems. IEEE Transactions on Neural Networks and Learning Systems, 2016, 28, 1-14.	11.3	159
10	Adaptively Adjusted Event-Triggering Mechanism on Fault Detection for Networked Control Systems. IEEE Transactions on Cybernetics, 2017, 47, 2299-2311.	9.5	148
11	Novel Neural Networks-Based Fault Tolerant Control Scheme With Fault Alarm. IEEE Transactions on Cybernetics, 2014, 44, 2190-2201.	9.5	138
12	Interval observer design for uncertain discrete-time linear systems. Systems and Control Letters, 2018, 116, 41-46.	2.3	137
13	Event-triggered control for networked Markovian jump systems. International Journal of Robust and Nonlinear Control, 2015, 25, 3422-3438.	3.7	126
14	Exponential Synchronization for Markovian Stochastic Coupled Neural Networks of Neutral-Type via Adaptive Feedback Control. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1618-1632.	11.3	115
15	Robust Filtering for Nonlinear Nonhomogeneous Markov Jump Systems by Fuzzy Approximation Approach. IEEE Transactions on Cybernetics, 2015, 45, 1706-1716.	9.5	94
16	Backstepping Fuzzy Adaptive Control for a Class of Quantized Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2017, 25, 1090-1101.	9.8	78
17	Segmentation of the Face and Hands in Sign Language Video Sequences Using Color and Motion Cues. IEEE Transactions on Circuits and Systems for Video Technology, 2004, 14, 1086-1097.	8.3	76
18	Novel Neural Control for a Class of Uncertain Pure-Feedback Systems. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 718-727.	11.3	75

#	ARTICLE	IF	CITATIONS
19	Coordination of supply chains with a flexible ordering policy under yield and demand uncertainty. International Journal of Production Economics, 2013, 146, 686-693.	8.9	74
20	Adaptive Neural Dynamic Surface Control for Nonstrict-Feedback Systems With Output Dead Zone. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5200-5213.	11.3	74
21	Exponential Stability for Neutral Stochastic Markov Systems With Time-Varying Delay and Its Applications. IEEE Transactions on Cybernetics, 2016, 46, 1350-1362.	9.5	72
22	Adaptive neural observer-based backstepping fault tolerant control for near space vehicle under control effector damage. IET Control Theory and Applications, 2014, 8, 658-666.	2.1	70
23	Event based guaranteed cost consensus for distributed multi-agent systems. Journal of the Franklin Institute, 2015, 352, 3546-3563.	3.4	67
24	Cluster Synchronization for Neutral Stochastic Delay Networks via Intermittent Adaptive Control. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3246-3259.	11.3	57
25	Robust fuzzy model predictive control for energy management systems in fuel cell vehicles. Control Engineering Practice, 2020, 98, 104364.	5.5	55
26	Stability of neutral stochastic switched time delay systems: An average dwell time approach. International Journal of Robust and Nonlinear Control, 2017, 27, 512-532.	3.7	51
27	Distributed H_{∞} Estimation in Sensor Networks With Two-Channel Stochastic Attacks. IEEE Transactions on Cybernetics, 2020, 50, 465-475.	9.5	49
28	Hybrid-triggered interval type-2 fuzzy control for networked systems under attacks. Information Sciences, 2021, 567, 332-347.	6.9	48
29	Stability analysis for neutral stochastic delay systems with Markovian switching. Systems and Control Letters, 2017, 110, 38-48.	2.3	46
30	A dynamic state transition algorithm with application to sensor network localization. Neurocomputing, 2018, 273, 237-250.	5.9	46
31	Fuzzy-Model-Based Lateral Control for Networked Autonomous Vehicle Systems Under Hybrid Cyber-Attacks. IEEE Transactions on Cybernetics, 2023, 53, 2600-2609.	9.5	44
32	Fast Decimal Floating-Point Division. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2006, 14, 951-961.	3.1	42
33	Reliable Tracking Control for Under-Actuated Quadrotors With Wind Disturbances. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2059-2070.	9.3	41
34	Optimal production and procurement decisions in a supply chain with an option contract and partial backordering under uncertainties. Applied Mathematics and Computation, 2014, 232, 1225-1234.	2.2	38
35	Finite-time boundary stabilization of reaction-diffusion systems. International Journal of Robust and Nonlinear Control, 2018, 28, 1641-1652.	3.7	38
36	Reduced latency IEEE floating-point standard adder architectures. , 0, , .		36

#	ARTICLE	IF	CITATIONS
37	Sampled-data fuzzy control for a class of nonlinear systems with missing data and disturbances. <i>Fuzzy Sets and Systems</i> , 2017, 306, 63-86.	2.7	35
38	Finite Distribution Estimation-Based Dynamic Window Approach to Reliable Obstacle Avoidance of Mobile Robot. <i>IEEE Transactions on Industrial Electronics</i> , 2021, 68, 9998-10006.	7.9	35
39	Energy Management of Fuel Cell Hybrid Vehicle Based on Partially Observable Markov Decision Process. <i>IEEE Transactions on Control Systems Technology</i> , 2020, 28, 318-330.	5.2	33
40	Synchronization Control for Neutral Stochastic Delay Markov Networks via Single Pinning Impulsive Strategy. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020, 50, 5406-5419.	9.3	33
41	Fuzzy Model Based Control for Energy Management and Optimization in Fuel Cell Vehicles. <i>IEEE Transactions on Vehicular Technology</i> , 2020, 69, 14674-14688.	6.3	33
42	Dual $\hat{1}/2$ -support vector machine with error rate and training size biasing. , 0, , .		32
43	Relief supplies allocation and optimization by interval and fuzzy number approaches. <i>Information Sciences</i> , 2015, 303, 15-32.	6.9	32
44	Robust fault detection of T-S fuzzy systems with time-delay using fuzzy functional observer. <i>Fuzzy Sets and Systems</i> , 2020, 392, 1-23.	2.7	31
45	Robust mixed H_2 / H_∞ model predictive control for Markov jump systems with partially uncertain transition probabilities. <i>Journal of the Franklin Institute</i> , 2018, 355, 3423-3437.	3.4	30
46	Optimally distributed formation control with obstacle avoidance for mixed-order multi-agent systems under switching topologies. <i>IET Control Theory and Applications</i> , 2018, 12, 1853-1863.	2.1	30
47	Neural network adaptive dynamic sliding mode formation control of multi-agent systems. <i>International Journal of Systems Science</i> , 2020, 51, 2025-2040.	5.5	30
48	Pinning impulsive synchronization for stochastic reaction-diffusion dynamical networks with delay. <i>Neural Networks</i> , 2018, 106, 281-293.	5.9	29
49	Event-triggered sliding mode scaled consensus control for multi-agent systems. <i>Journal of the Franklin Institute</i> , 2022, 359, 981-998.	3.4	28
50	A Cholesky Factorization Based Approach for Blind FIR Channel Identification. <i>IEEE Transactions on Signal Processing</i> , 2008, 56, 1730-1735.	5.3	27
51	Robust control for nonhomogeneous Markov jump processes: An application to DC motor device. <i>Journal of the Franklin Institute</i> , 2014, 351, 3322-3338.	3.4	27
52	A Cooperative Game Theoretic Framework for Resource Allocation in OFDMA Systems. , 2006, , .		26
53	Discrete-time fault tolerant control for semi-Markov jump systems with finite sojourn-time. <i>Journal of the Franklin Institute</i> , 2020, 357, 1-18.	3.4	26
54	Robust Formation Control for Nonlinear Heterogeneous Multiagent Systems Based on Adaptive Event-Triggered Strategy. <i>IEEE Transactions on Automation Science and Engineering</i> , 2022, 19, 2788-2800.	5.2	26

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55	Robust fault estimation observer in the finite frequency domain for descriptor systems. International Journal of Control, 2019, 92, 1590-1599.	1.9	25
56	Finite-time boundary control for delay reaction-diffusion systems. Applied Mathematics and Computation, 2018, 329, 52-63.	2.2	24
57	Synchronization control for reaction-diffusion FitzHugh-Nagumo systems with spatial sampled-data. Automatica, 2018, 93, 352-362.	5.0	24
58	Robust Active Noise Control Design by Optimal Weighted Least Squares Approach. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 3955-3967.	5.4	24
59	New approaches to observer design and stability analysis for T-S fuzzy system with multiplicative noise. Journal of the Franklin Institute, 2017, 354, 887-901.	3.4	23
60	Boundary control of linear stochastic reaction-diffusion systems. International Journal of Robust and Nonlinear Control, 2019, 29, 268-282.	3.7	23
61	Optimal robust formation control for heterogeneous multi-agent systems based on reinforcement learning. International Journal of Robust and Nonlinear Control, 2022, 32, 2683-2704.	3.7	23
62	Autopilot for ship control. Part 1: Theoretical design. IEE Proceedings D: Control Theory and Applications, 1983, 130, 281.	0.4	22
63	Time optimal control computation with application to ship steering. Journal of Optimization Theory and Applications, 1988, 56, 145-156.	1.5	22
64	Integrated Structural Parameter and Robust Controller Design for Attitude Tracking Maneuvers. IEEE/ASME Transactions on Mechatronics, 2016, 21, 2490-2498.	5.8	22
65	Stabilization of a Class of Nonlinear Systems With Random Disturbance via Intermittent Stochastic Noise. IEEE Transactions on Automatic Control, 2020, 65, 1318-1324.	5.7	22
66	An optimal PID controller design for nonlinear constrained optimal control problems. Discrete and Continuous Dynamical Systems - Series B, 2011, 16, 1101-1117.	0.9	21
67	Reliable H_{∞} static output control of linear time-varying delay systems against sensor failures. International Journal of Robust and Nonlinear Control, 2017, 27, 3109-3123.	3.7	21
68	Functional observer based controller for stabilizing Takagi-Sugeno fuzzy systems with time-delays. Journal of the Franklin Institute, 2018, 355, 3619-3640.	3.4	21
69	Attack and estimator design for multi-sensor systems with undetectable adversary. Automatica, 2019, 109, 108545.	5.0	21
70	Design and Stability of Moving Horizon Estimator for Markov Jump Linear Systems. IEEE Transactions on Automatic Control, 2019, 64, 1109-1124.	5.7	21
71	Robust Formation Control for Multi-Agent Systems: A Reference Correction Based Approach. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 2616-2625.	5.4	21
72	A Computational Method for a Class of Dynamical Optimization Problems in which the Terminal Time is Conditionally Free. IMA Journal of Mathematical Control and Information, 1989, 6, 81-95.	1.7	20

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73	Moving horizon estimation for Markov jump systems. <i>Information Sciences</i> , 2016, 367-368, 143-158.	6.9	20
74	Observer-based tracking control for MIMO pure-feedback nonlinear systems with time-delay and input quantisation. <i>International Journal of Control</i> , 2017, 90, 2433-2448.	1.9	20
75	Formation control for multi-robot systems with collision avoidance. <i>International Journal of Control</i> , 2019, 92, 2223-2234.	1.9	20
76	Stability Analysis for Stochastic Neutral Switched Systems with Time-Varying Delay. <i>SIAM Journal on Control and Optimization</i> , 2021, 59, 24-49.	2.1	20
77	fault-tolerant control of networked control systems with actuator failures. <i>IET Control Theory and Applications</i> , 2014, 8, 1127-1136.	2.1	19
78	H _∞ fault detection observer design for linear parameter-varying systems * *This work was partially supported by National Natural Science Foundation of China (61403104, 61273162, U1509217), the Australian Research Council (DP170102644), and the Fundamental Research Funds for the Central Universities (HIT.KLOF.2015.076).. <i>IFAC-PapersOnLine</i> , 2017, 50, 15271-15276.	0.9	19
79	New criteria for stochastic suppression and stabilization of hybrid functional differential systems. <i>International Journal of Robust and Nonlinear Control</i> , 2018, 28, 3946-3958.	3.7	19
80	Synchronization of stochastic reaction-diffusion systems via boundary control. <i>Nonlinear Dynamics</i> , 2018, 94, 1763-1773.	5.2	18
81	Set-Membership Estimation for Complex Networks Subject to Linear and Nonlinear Bounded Attacks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020, 31, 163-173.	11.3	18
82	Collision-Free Formation Control for Multi-Agent Systems With Dynamic Mapping. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020, 67, 1984-1988.	3.0	18
83	Hand and face segmentation using motion and color cues in digital image sequences. , 2001, , .		17
84	Receivers With Chip-Level Decision Feedback Equalizer for CDMA Downlink Channels. <i>IEEE Transactions on Wireless Communications</i> , 2004, 3, 300-314.	9.2	17
85	Robot formation control in stealth mode with scalable team size. <i>International Journal of Control</i> , 2016, 89, 2155-2168.	1.9	17
86	Scalable formation control in stealth with limited sensing range. <i>International Journal of Robust and Nonlinear Control</i> , 2017, 27, 410-433.	3.7	17
87	Formation control and collision avoidance for a class of multi-agent systems. <i>Journal of the Franklin Institute</i> , 2019, 356, 5395-5420.	3.4	17
88	Variable Threshold-Based Selective Updating Algorithms in Feed-Forward Active Noise Control Systems. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2019, 66, 782-795.	5.4	17
89	Dynamic Hybrid-Triggered-Based Fuzzy Control for Nonlinear Networks Under Multiple Cyberattacks. <i>IEEE Transactions on Fuzzy Systems</i> , 2022, 30, 3940-3951.	9.8	17
90	A software test program generator for verifying system-on-chips. , 0, , .		16

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91	Folded Substrate-Integrated Waveguide Band-Pass Post Filter. IEEE Microwave and Wireless Components Letters, 2017, 27, 22-24.	3.2	16
92	Memory Output-Feedback Integral Sliding Mode Control for Furuta Pendulum Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 2042-2052.	5.4	16
93	OPTIMAL INSULIN INFUSION CONTROL VIA A MATHEMATICAL BLOOD GLUCOREGULATORY MODEL WITH FUZZY PARAMETERS. Cybernetics and Systems, 1991, 22, 1-16.	2.5	15
94	A decimal carry-free adder. , 2005, , .		15
95	Coordination in a Single-Retailer Two-Supplier Supply Chain under Random Demand and Random Supply with Disruption. Discrete Dynamics in Nature and Society, 2013, 2013, 1-12.	0.9	15
96	Chaotification of a class of linear switching systems based on a Shilnikov criterion. Journal of the Franklin Institute, 2017, 354, 5519-5536.	3.4	15
97	Robust input-to-state stability of neural networks with Markovian switching in presence of random disturbances or time delays. Neurocomputing, 2017, 249, 245-252.	5.9	14
98	Power scheduling optimization under single-valued neutrosophic uncertainty. Neurocomputing, 2020, 382, 12-20.	5.9	13
99	Robust and Collision-Free Formation Control of Multiagent Systems With Limited Information. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 4286-4295.	11.3	13
100	Using Transfer-Resource Graph for Software-Based Verification of System-on-Chip. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2008, 27, 1315-1328.	2.7	12
101	Stochastic synchronization of complex networks via aperiodically intermittent noise. Journal of the Franklin Institute, 2020, 357, 13872-13888.	3.4	12
102	Markov modelling and parameterisation of genetic evolutionary test generations. Journal of Global Optimization, 2011, 51, 743-751.	1.8	11
103	Time-weighted MR for switched LPV systems via balanced realisation. IET Control Theory and Applications, 2017, 11, 3069-3078.	2.1	11
104	Functional observer-based fuzzy controller design for continuous nonlinear systems. International Journal of Systems Science, 2018, 49, 1047-1060.	5.5	11
105	Sliding mode control of singularly perturbed systems and its application in quad-rotors. International Journal of Control, 2019, 92, 1325-1334.	1.9	11
106	A new unified input-to-state stability criterion for impulsive stochastic delay systems with Markovian switching. International Journal of Robust and Nonlinear Control, 2020, 30, 159-181.	3.7	11
107	A New Approach to Characterize Successive Packet Losses in Stochastic Networked Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 552-560.	9.3	11
108	Histogram-PMHT for fluctuating target models. IET Radar, Sonar and Navigation, 2017, 11, 1292-1301.	1.8	11

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109	Robust H_{∞} -Based Control for Uncertain Stochastic Fuzzy Switched Time-Delay Systems via Integral Sliding Mode Strategy. IEEE Transactions on Fuzzy Systems, 2022, 30, 382-396.	9.8	11
110	Robust Formation Control for Multiagent Systems Based on Adaptive Observers. IEEE Systems Journal, 2022, 16, 3139-3150.	4.6	11
111	Tracking Mobile Robot in Indoor Wireless Sensor Networks. Mathematical Problems in Engineering, 2014, 2014, 1-8.	1.1	10
112	Histogram probabilistic multi-hypothesis tracker with colour attributes. IET Radar, Sonar and Navigation, 2015, 9, 999-1008.	1.8	10
113	Robust approximation-based adaptive control of multiple state delayed nonlinear systems with unmodeled dynamics. International Journal of Robust and Nonlinear Control, 2018, 28, 3303-3323.	3.7	10
114	Robust control synthesis for discrete-time uncertain semi-Markov jump systems. International Journal of Systems Science, 2019, 50, 2042-2052.	5.5	10
115	Event-triggered adaptive leaderless consensus control for nonlinear multi-agent systems with unknown backlash-like hysteresis. International Journal of Robust and Nonlinear Control, 2021, 31, 7409-7424.	3.7	10
116	Transmitting time-dependent multimedia data in FDDI networks. , 1993, , .		10
117	A descriptor-system approach for finite-frequency H_{∞} control of singularly perturbed systems. Information Sciences, 2016, 370-371, 79-91.	6.9	9
118	Self-adapting variable step size strategies for active noise control systems with acoustic feedback. Automatica, 2021, 123, 109354.	5.0	9
119	An Implementation of Training Dual-nu Support Vector Machines. , 2005, , 157-182.		8
120	Fourth-Order Discrete-Time Variable Centre Frequency Bandpass Sigma-Delta Modulator. , 2006, , .		8
121	A New Approach of Formation Control for Multi-Agent Systems With Environmental Changes. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 3449-3459.	5.4	8
122	Adaptive power allocation with user prioritization for downlink orthogonal frequency division multiple access systems. , 0, , .		7
123	Adaptive control of a class of quantised nonlinearly parameterised systems with unknown control directions. International Journal of Systems Science, 2017, 48, 941-951.	5.5	7
124	Stackelberg-Nash Game Approach for Constrained Robust Optimization With Fuzzy Variables. IEEE Transactions on Fuzzy Systems, 2021, 29, 3519-3531.	9.8	7
125	Event-Triggered Probability-Driven Adaptive Formation Control for Multiple Elliptical Agents. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 645-654.	9.3	7
126	Stability Analysis of Complex Network Control System With Dynamical Topology and Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7228-7237.	9.3	7

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127	Event-triggered estimation and model predictive control for linear systems with actuator fault. IET Control Theory and Applications, 2020, 14, 2406-2412.	2.1	7
128	Channel Prediction Using Lumpable Finite-State Markov Channels in OFDMA Systems. , 0, , .		6
129	Histogram-PMHT with an evolving Poisson prior. , 2015, , .		6
130	Mixed output feedback of the finite frequency H^∞ control for singularly perturbed system. International Journal of Systems Science, 2015, 46, 2351-2366.	5.5	6
131	Probability-triggered formation control with adaptive roles. International Journal of Control, 2020, 93, 1989-2000.	1.9	6
132	State-feedback optimal strategies for the differential game of cooperative target defence: a geometric approach. International Journal of Control, 2021, 94, 2615-2622.	1.9	6
133	On regularisation parameter transformation of support vector machines. Journal of Industrial and Management Optimization, 2009, 5, 403-415.	1.3	6
134	Sub-optimal power allocation for downlink OFDMA systems. , 0, , .		5
135	Position-based, Energy-efficient, centralised clustering protocol for wireless sensor networks. , 2009, , .		5
136	A novel implementation of radix-4 floating-point division/square-root using comparison multiples. Computers and Electrical Engineering, 2010, 36, 850-863.	4.8	5
137	H-PMHT with a Poisson measurement model. , 2013, , .		5
138	Substrate-integrated waveguide diplexers with improved Y-junctions. Microwave and Optical Technology Letters, 2016, 58, 1384-1388.	1.4	5
139	Steady formation analysis on multi-robot systems. Journal of Control and Decision, 2017, 4, 12-31.	1.6	5
140	Flocking and topology manipulation based on space partitioning. Robotics and Autonomous Systems, 2020, 124, 103328.	5.1	5
141	An Analytical Approach for Design of Nth-band FIR Digital Filters with Equi-Ripple Passband. Journal of Electrical Engineering and Technology, 2009, 4, 423-428.	2.0	5
142	Neural-based formation control of uncertain multi-agent systems with actuator saturation. Nonlinear Dynamics, 2022, 108, 3693-3709.	5.2	5
143	Neural circuit for object recognition in complex and cluttered visual images. , 0, , .		4
144	Observer-Based Sliding Mode Control for Stabilization of a Dynamic System with Delayed Output Feedback. Mathematical Problems in Engineering, 2013, 2013, 1-6.	1.1	4

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145	Clutter mapping for Histogram PMHT. , 2014, , .		4
146	Online Versus Offline Reinforcement Learning for False Target Control Against Known Threat. Lecture Notes in Computer Science, 2018, , 400-412.	1.3	4
147	A state-feedback Nash equilibrium for the general Target-Attacker-Defender differential game of degree in arbitrary dimensions. International Journal of Control, 2022, 95, 93-103.	1.9	4
148	General pole restriction controller design. International Journal of Systems Science, 1988, 19, 1335-1344.	5.5	3
149	A stochastic optimal control approach to a mathematical drug administration model. Mathematical and Computer Modelling, 1989, 12, 1009-1015.	2.0	3
150	Automatic human skin segmentation based on color information in the YCbCr color space. , 2002, , .		3
151	Coverage Measurement for Software Application Level Verification using Symbolic Trajectory Evaluation Techniques. , 0, , .		3
152	Cluster-based multi-channel scheduling algorithms for ad hoc networks. , 2007, , .		3
153	Approximation Methods for Cylindrical Posts in Rectangular Waveguides with Mode Matching Technique. , 2014, , .		3
154	Maximum likelihood state estimation for Markov jump systems with uncertain mode-dependent delays. Journal of the Franklin Institute, 2016, 353, 594-614.	3.4	3
155	Constrained state estimation for stochastic jump systems: moving horizon approach. International Journal of Systems Science, 2017, 48, 1009-1021.	5.5	3
156	Triple I fuzzy modus tollens method with inconsistent bipolarity information. Journal of Intelligent and Fuzzy Systems, 2017, 32, 4299-4309.	1.4	3
157	Deep Learning for Bipartite Assignment Problems*. , 2019, , .		3
158	Notice of Violation of IEEE Publication Principles: Decentralized event-triggering passive control of networked T-S fuzzy systems. IEEE Transactions on Fuzzy Systems, 2024, , 1-1.	9.8	3
159	Characterising Network-Connected Devices Using Affiliation Graphs. , 2020, , .		3
160	Performance analysis of dynamic multitasking imprecise computation system. IEE Proceedings E: Computers and Digital Techniques, 1991, 138, 345.	0.1	3
161	A neural network based anti-skid brake system. Discrete and Continuous Dynamical Systems, 1999, 5, 321-338.	0.9	3
162	Optimizing system-on-chip verifications with multi-objective genetic evolutionary algorithms. Journal of Industrial and Management Optimization, 2014, 10, 383-396.	1.3	3

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163	Optimal acquisition, inventory and production decisions for a closed-loop manufacturing system with legislation constraint. <i>Journal of Industrial and Management Optimization</i> , 2015, 11, 1355-1373.	1.3	3
164	Autopilot for ship control. Part 2: Simulation studies. <i>IEE Proceedings D: Control Theory and Applications</i> , 1983, 130, 288.	0.4	2
165	Design of a 2-D neural motion detection filter. , 0, , .		2
166	Neural model of visual selective attention for automatic translation invariant object recognition in cluttered images. , 0, , .		2
167	Observability-enhanced proportional navigation guidance with bearings-only measurements. <i>Journal of the Australian Mathematical Society Series B Applied Mathematics</i> , 1999, 40, 497-512.	0.2	2
168	Support vector learning with quadratic programming and adaptive step size barrier-projection. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2001, 47, 5623-5633.	1.1	2
169	Chip level decision feedback equaliser for CDMA downlink with space-time coding. <i>Electronics Letters</i> , 2004, 40, 437.	1.0	2
170	Exploiting Concurrency in System-on-Chip Verification. , 2006, , .		2
171	Modelling Heterogeneous Interactions in SoC Verification. , 2006, , .		2
172	Positioning test-benches and test-programs in interaction-oriented system-on-chip verification. , 2008, , .		2
173	Modeling Interrupts for Software-Based System-on-Chip Verification. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2010, 29, 993-997.	2.7	2
174	An Event-Assisted Sequencer to Accelerate Matrix Algorithms. , 2010, , .		2
175	Over-the-horizon aircraft detection using skywave AM-radio broadcast signals. , 2015, , .		2
176	Formation control of arbitrary shape with no communication. , 2016, , .		2
177	Curve arclength in fuzzy metric spaces. <i>Fuzzy Sets and Systems</i> , 2017, 313, 105-113.	2.7	2
178	Adaptive Regret Minimization for Learning Complex Team-Based Tactics. <i>IEEE Access</i> , 2019, 7, 103019-103030.	4.2	2
179	Robust functional observer for stabilising uncertain fuzzy systems with time-delay. <i>Granular Computing</i> , 2020, 5, 55-69.	8.0	2
180	Clustering Network-Connected Devices Using Affiliation Graphs. , 2021, , .		2

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181	Mean-square stability of stochastic differential time-lag systems. International Journal of Systems Science, 1989, 20, 859-863.	5.5	1
182	A VLSI chip implementation of an A/D converter error table compensator. Computer Standards and Interfaces, 2001, 23, 111-122.	5.4	1
183	Perturbation to enhance support vector machines for classification. Journal of Computational and Applied Mathematics, 2004, 163, 233-239.	2.0	1
184	Multuser Downlink Beamforming with Limited Feedback. , 2007, , .		1
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