Yuan Fan

List of Publications by Citations

47 papers	1,147 citations	13 h-index	33 g-index
88 ext. papers	1,576 ext. citations	3.6 avg, IF	4.81 L-index

#	Paper	IF	Citations
47	Distributed event-triggered control of multi-agent systems with combinational measurements. *Automatica*, **2013**, 49, 671-675	5.7	501
46	Self-Triggered Consensus for Multi-Agent Systems With Zeno-Free Triggers. *IEEE Transactions on Automatic Control*, **2015**, 60, 2779-2784	5.9	190
45	Distributed Reactive Power Sharing Control for Microgrids With Event-Triggered Communication. *IEEE Transactions on Control Systems Technology*, **2017**, 25, 118-128	4.8	111
44	Decentralized adaptive awareness coverage control for multi-agent networks. *Automatica*, **2011**, 47, 2749-2756	5.7	50
43	Sampling-based event-triggered consensus for multi-agent systems. *Neurocomputing*, **2016**, 191, 141-147	5.4	45
42	Virtual neighbor based connectivity preserving of multi-agent systems with bounded control inputs in the presence of unreliable communication links. *Automatica*, **2013**, 49, 1261-1267	5.7	33
41	A novel approach to coordination of multiple robots with communication failures via proximity graph. *Automatica*, **2011**, 47, 1800-1805	5.7	33
40	Subspace-based continuous-time identification of fractional order systems from non-uniformly sampled data. *International Journal of Systems Science*, **2016**, 47, 122-134	2.3	22
39	Coverage control for mobile sensor networks with limited communication ranges on a circle. *Automatica*, **2018**, 92, 155-161	5.7	21
38	Combination framework of rendezvous algorithm for multi-agent systems with limited sensing ranges. *Asian Journal of Control*, **2011**, 13, 283-294	1.7	21
37	Average consensus of multi-agent systems with self-triggered controllers. *Neurocomputing*, **2016**, 177, 33-39	5.4	17
36	Rendezvous of mobile agents with constrained energy and intermittent communication. *IET Control Theory and Applications*, **2012**, 6, 1557-1563	2.5	13
35	Sampling-based self-triggered coordination control for multi-agent systems with application to distributed generators. *International Journal of Systems Science*, **2018**, 49, 3048-3062	2.3	13
34	Bounded control for preserving connectivity of multi-agent systems using the constraint function approach. *IET Control Theory and Applications*, **2012**, 6, 1752	2.5	10
33	Centralized event-triggered control of multi-agent systems with dynamic triggering mechanisms **2015**,		7
32	Event-triggered Coordination Control for Multi-agent Systems with Connectivity Preservation. *International Journal of Control, Automation and Systems*, **2020**, 18, 966-979	2.9	7
31	Coverage control for heterogeneous mobile sensor networks with bounded position measurement errors. *Automatica*, **2020**, 120, 109118	5.7	5

30	Coverage control for mobile sensor networks with time-varying communication delays on a closed curve. *Journal of the Franklin Institute*, **2020**, 357, 12109-12124	4	5
29	Sampling-based Event-triggered and Self-triggered Control for Linear Systems. *International Journal of Control, Automation and Systems*, **2020**, 18, 672-681	2.9	4
28	Graph-balancing algorithms for average consensus over directed networks. *International Journal of Systems Science*, **2016**, 47, 135-148	2.3	3
27	Persistent awareness coverage with maximum coverage frequency for mobile sensor networks **2013**,		3
26	Distributed event-triggered control with dynamic triggering mechanisms for multi-agent systems **2017**,		3
25	Sampling-based event-triggered control for distributed generators **2017**,		2
24	Dynamical Event-Triggered Consensus Control for Second-Order Multi-Agent Systems **2017**,		2
23	Connectivity-preserving rendezvous of multi-agent systems with event-triggered controllers **2015**,		2
22	Weight balance for directed networks: Conditions and algorithms **2010**,		2
21	Event-Triggered and Self-Triggered Control for Linear System Based on New Event Condition **2019**,		2
20	Multi-Agent Tracking Control with Dynamic Leader Based on Event-Triggered Control **2018**,		2
19	Observer-Based Event-Triggered Optimal Control for Linear Systems **2019**,		1
18	Optimized Event-Triggered and Self-Triggered Control for Linear Systems **2019**,		1
17	Optimized Control for Exoskeleton for Lower Limb Rehabilitation with Uncertainty **2019**,		1
16	Hybrid triggering control for average consensus of multi-agent systems **2016**,		1
15	Centralized dynamic event-triggered control for multi-agent systems **2018**,		1
14	Quantized feedback control based on event-triggered observer **2018**,		1
13	Consensus of multi-agent systems by distributed self-triggered control **2018**,		1

12	Event-triggered control of multi-agent systems with suboptimal triggering **2013**,		1
11	Multi-agent rendezvous control based on event-triggered mechanism **2017**,		1
10	Suboptimal Event-Triggered Consensus of Multiagent Systems. *Abstract and Applied Analysis*, **2014**, 2014, 1-8	0.7	1
9	On event-triggered algorithm design for distributed coordination of multi-agent systems **2014**,		1
8	Distributed solving Sylvester equations with fractional order dynamics. *Control Theory and Technology*, **2021**, 19, 249-259	1	1
7	Finite-Time Coverage Control for Multiagent Systems With Unidirectional Motion on a Closed Curve. *IEEE Transactions on Cybernetics*, **2021**, 51, 3071-3078	10.2	1
6	Observer-based Output-feedback Control for Uncertain Linear Systems with Event-triggered **2018**,		1
5	Dynamic Control Approach for Network Systems under Event-triggered Communication with Dual Triggers. *International Journal of Control, Automation and Systems*, **2021**, 19, 3666	2.9	0
4	Dynamic Event-triggered Approximate Optimal Control Strategy for Nonlinear Systems. *International Journal of Control, Automation and Systems*, **2022**, 20, 1418-1427	2.9	0
3	Authors reply to comments on Distributed event-triggered control of multi-agent systems with combinational measurements *Automatica*, **2018**, 92, 266	5.7	
2	Control of Networked Systems with Engineering Applications. *Mathematical Problems in Engineering*, **2016**, 2016, 1-2	1.1	
1	New convergence analysis of coverage control on a circle subject to unknown but bounded measurement errors. *Automatica*, **2022**, 110216	5.7	