

# Kaien Liu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20  
papers

572  
citations

11  
h-index

21  
g-index

21  
ext. papers

732  
ext. citations

2.9  
avg, IF

4.42  
L-index

#	Paper	IF	Citations
20	Dynamic Event-Triggered Consensus of General Linear Multi-Agent Systems with Adaptive Strategy. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2022</b> , 1-1	3.5	2
19	Event-Based Consensus for General Linear Multiagent Systems under Switching Topologies. <i>Complexity</i> , <b>2020</b> , 2020, 1-14	1.6	12
18	Periodic event-triggered consensus of multi-agent systems under directed topology. <i>Neurocomputing</i> , <b>2020</b> , 385, 33-41	5.4	25
17	Bipartite Consensus of Heterogeneous Multiagent Systems Based on Distributed Event-Triggered Control. <i>Complexity</i> , <b>2020</b> , 2020, 1-14	1.6	3
16	Bipartite Consensus for Multi-Agent Systems With Time-Varying Delays Based on Method of Delay Partitioning. <i>IEEE Access</i> , <b>2019</b> , 7, 29285-29294	3.5	11
15	Event-Triggered Consensus Control for Linear Multi-Agent Systems. <i>IEEE Access</i> , <b>2019</b> , 7, 144572-144579	3.5	8
14	Bipartite Consensus on Cooperation Networks With Time-Varying Delays. <i>IEEE Access</i> , <b>2018</b> , 6, 10169-10178	3.5	45
13	Consensus of multi-agent systems with time delay based on periodic sample and event hybrid control. <i>Neurocomputing</i> , <b>2017</b> , 270, 11-17	5.4	33
12	Necessary and Sufficient Conditions for Consensus of Second-Order Multiagent Systems Under Directed Topologies Without Global Gain Dependency. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 2089-2098	10.3	50
11	Event-based broadcasting containment control for multi-agent systems under directed topology. <i>International Journal of Control</i> , <b>2016</b> , 89, 2360-2370	1.5	33
10	Consensus for heterogeneous multi-agent systems under fixed and switching topologies. <i>Journal of the Franklin Institute</i> , <b>2015</b> , 352, 3670-3683	4	65
9	Containment control for second-order multi-agent systems with time-varying delays. <i>Systems and Control Letters</i> , <b>2014</b> , 67, 24-31	2.4	114
8	Consensus for multi-agent systems with inherent nonlinear dynamics under directed topologies. <i>Systems and Control Letters</i> , <b>2013</b> , 62, 152-162	2.4	114
7	Consensus for second-order multi-agent systems with inherent nonlinear dynamics under directed topologies <b>2012</b> ,		1
6	Consensus for multi-agent systems under double integrator dynamics with time-varying communication delays. <i>International Journal of Robust and Nonlinear Control</i> , <b>2012</b> , 22, 1881-1898	3.6	32
5	The improvement of Razumikhin type theorems for impulsive functional differential equations. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , <b>2009</b> , 70, 3104-3109	1.3	5
4	Strict Stability Criteria for Impulsive Functional Differential Systems. <i>Journal of Inequalities and Applications</i> , <b>2008</b> , 2008, 1-8	2.1	3

3	Cone-valued Lyapunov functions and stability for impulsive functional differential equations. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , <b>2008</b> , 69, 2184-2191	1.3	5
2	Stability of functional differential equations with impulses. <i>Journal of Mathematical Analysis and Applications</i> , <b>2007</b> , 328, 830-841	1.1	8
1	Adaptive event-triggered consensus of multi-agent systems with general linear dynamics. <i>International Journal of Systems Science</i> , 1-12	2.3	3