John M Shea

List of Publications by Year
in descending order

28 papers	644 citations
1040056 9 h-index	1125743 13 g-index
28 all docs	28 docs citations
28 times ranked	666 citing authors

#	Article	IF	Citations
1	Event/Self-Triggered Approximate Leader-Follower Consensus With Resilience to Byzantine Adversaries. IEEE Transactions on Automatic Control, 2022, 67, 1356-1370.	5.7	10
2	Event-Triggered Formation Control and Leader Tracking With Resilience to Byzantine Adversaries: A Reputation-Based Approach. IEEE Transactions on Control of Network Systems, 2021, 8, 1417-1429.	3.7	16
3	Reputation-Based Event-Triggered Formation Control and Leader Tracking with Resilience to Byzantine Adversaries. , 2020, , .		5
4	Event-Triggered Approximate Leader-Follower Consensus with Resilience to Byzantine Adversaries. , 2019, , .		6
5	Event-Triggered Control of Multiagent Systems for Fixed and Time-Varying Network Topologies. IEEE Transactions on Automatic Control, 2017, 62, 5365-5371.	5.7	190
6	Coverage control based effective jamming strategy for wireless networks. , 2016, , .		6
7	Leader–follower containment control over directed random graphs. Automatica, 2016, 66, 56-62.	5.0	58
8	Asymptotic Synchronization of a Leader-Follower Network of Uncertain Euler-Lagrange Systems. IEEE Transactions on Control of Network Systems, 2015, 2, 174-182.	3.7	69
9	Decentralized event-triggered control of networked systems-part 2: Containment control. , 2015, , .		14
10	Decentralized event-triggered control of networked systems-part 1: Leader-follower consensus under switching topologies. , 2015, , .		9
11	Graph Matching-Based Formation Reconfiguration of Networked Agents With Connectivity Maintenance. IEEE Transactions on Control of Network Systems, 2015, 2, 24-35.	3.7	30
12	Decentralized event-triggered control for leader-follower consensus. , 2014, , .		15
13	Link-Layer Throughput of FHSS with Interference Mitigation: Analysis and Cross Layer Design. , 2014, , .		3
14	Multiple-Access Interference Mitigation and Iterative Demodulation of CPFSK in Asynchronous Slow FHSS Systems. , 2013, , .		1
15	Network Connectivity Preserving Formation Stabilization and Obstacle Avoidance via a Decentralized Controller. IEEE Transactions on Automatic Control, 2012, 57, 1827-1832.	5.7	113
16	Throughput maximization in CSMA networks with collisions. , 2012, , .		2
17	Improving the Performance of Overlapped Transmission in Wireless Ad Hoc Networks. IEEE Journal on Selected Areas in Communications, 2011, 29, 1981-1990.	14.0	1
18	Secret sharing in fast fading channels using obfuscated incremental-redundancy hybrid ARQ. , 2009, , .		3

#	Article	IF	Citations
19	Overlapped Carrier-Sense Multiple Access (OCSMA) in Wireless Ad Hoc Networks. IEEE Transactions on Mobile Computing, 2009, 8, 369-383.	5.8	27
20	Performance analysis for collaborative decoding with least-reliable-bits exchange on AWGN channels. IEEE Transactions on Communications, 2008, 56, 58-69.	7.8	6
21	An EM approach to multiple-access interference mitigation in asynchronous slow FHSS systems. IEEE Transactions on Wireless Communications, 2008, 7, 2661-2670.	9.2	9
22	Secret sharing in fast fading channels based on reliability-based hybrid ARQ. , 2008, , .		6
23	Hyper-trellis decoding of pixel-domain Wyner-Ziv video coding. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 557-568.	8.3	9
24	Sensing and control in bandwidth-limited systems: A Kalman filter approach. , 2008, , .		2
25	The Overlapped Carrier-Sense Multiple Access (OCSMA) Protocol. , 2007, , .		6
26	Trellis-Based Conflict Resolution for Bidirectional Decision-Feedback Equalization. , 2007, , .		2
27	Cooperative-diversity slotted ALOHA. Wireless Networks, 2007, 13, 361-369.	3.0	18
28	Overlapped Transmission in Wireless Ad hoc Networks. , 2006, , .		8