Hamed Rezaee

List of Publications by Year
in descending order

35 papers	**1,116** citations	566801 **15** h-index	500791 **28** g-index
35 all docs	**35** docs citations	**35** times ranked	**937** citing authors

#	ARTICLE	IF	CITATIONS
1	Sensor Fault-Tolerant State Estimation by Networks of Distributed Observers. IEEE Transactions on Automatic Control, 2022, 67, 5348-5360.	3.6	5
2	Almost Sure Resilient Consensus Under Stochastic Interaction:Links Failure and Noisy Channels. IEEE Transactions on Automatic Control, 2021, 66, 5727-5741.	3.6	17
3	Adaptive Leaderless Consensus Control of Strict-Feedback Nonlinear Multiagent Systems With Unknown Control Directions. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6435-6444.	5.9	30
4	Resiliency in dynamic leaderâ€"follower multiagent systems. Automatica, 2021, 125, 109384.	3.0	24
5	Secure Consensus Control of Multiagent Cyber-Physical Systems With Uncertain Nonlinear Models. IEEE Systems Journal, 2020, 14, 3539-3546.	2.9	9
6	Decentralized active sensor fault tolerance in attitude control of satellite formation flying. International Journal of Robust and Nonlinear Control, 2020, 30, 8340-8361.	2.1	7
7	Detection of Covert Cyber-Attacks in Interconnected Systems: A Distributed Model-Based Approach. IEEE Transactions on Automatic Control, 2020, 65, 3728-3741.	3.6	60
8	Robust attitude alignment in multispacecraft systems with stochastic links failure. Automatica, 2020, 118, 109033.	3.0	9
9	Distributed State Estimation for a Class of Jointly Observable Nonlinear Systems. IFAC-PapersOnLine, 2020, 53, 5045-5050.	0.5	8
10	Control of Vehicular Platoons: Stochastic Robustness Against Jamming Attacks. IFAC-PapersOnLine, 2020, 53, 17041-17046.	0.5	1
11	A cyclic pursuit framework for networked mobile agents based on vector field approach. Journal of the Franklin Institute, 2019, 356, 1113-1130.	1.9	11
12	Distributed Detection of Covert Attacks for Interconnected Systems. , 2019, , .		12
13	Resilient Attitude Alignment in Multispacecraft Systems. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 3651-3657.	2.6	10
14	Sensor Redundancy for Robustness in Nonlinear State Estimation. , 2019, , .		2
15	Stationary Consensus Control of a Class of High-Order Uncertain Nonlinear Agents With Communication Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1285-1290.	5.9	29
16	Adaptive Consensus Control of Nonlinear Multiagent Systems With Unknown Control Directions Under Stochastic Topologies. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 3538-3547.	7.2	32
17	Optimal adaptive Jacobian internal forces controller for multiple whole-limb manipulators in the presence of kinematic uncertainties. Mechatronics, 2018, 53, 1-7.	2.0	6
18	Adaptive stationary consensus protocol for a class of highâ€order nonlinear multiagent systems with jointly connected topologies. International Journal of Robust and Nonlinear Control, 2017, 27, 1677-1689.	2.1	17

#	Article	IF	Citations
19	Attitude Consensusability in Multispacecraft Systems Using Magnetic Actuators. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 513-519.	2.6	15
20	Consensus Problem in High-Order Multiagent Systems With Lipschitz Nonlinearities and Jointly Connected Topologies. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 741-748.	5.9	62
21	Comment on â€œAttitude synchronization control for a group of flexible spacecraftâ€•[Automatica 50 (2014) 646â€"651]. Automatica, 2017, 83, 396.	3.0	2
22	Consensus Problem Over High-Order Multiagent Systems With Uncertain Nonlinearities Under Deterministic and Stochastic Topologies. IEEE Transactions on Cybernetics, 2017, 47, 2079-2088.	6.2	23
23	Discrete-time consensus strategy for a class of high-order linear multiagent systems under stochastic communication topologies. Journal of the Franklin Institute, 2017, 354, 3690-3705.	1.9	16
24	Almost Sure Attitude Consensus in Multispacecraft Systems With Stochastic Communication Links. IFAC-PapersOnLine, 2017, 50, 9392-9397.	0.5	7
25	Decentralized Hâˆž consensus protocol for a class of high-order multiagent systems. International Journal of Robust and Nonlinear Control, 2016, 26, 3330-3343.	2.1	15
26	Average Consensus Over High-Order Multiagent Systems. IEEE Transactions on Automatic Control, 2015, 60, 3047-3052.	3.6	93
27	Pursuit Formation of Double-Integrator Dynamics Using Consensus Control Approach. IEEE Transactions on Industrial Electronics, 2015, 62, 4249-4256.	5.2	60
28	<inline-formula> <tex-math notation="TeX">${\cal H}_{\infty}$</tex-math></inline-formula> Based Motion Synchronization in Formation Flight With Delayed Communications. IEEE Transactions on Industrial Electronics, 2014, 61, 6175-6182.	5.2	58
29	A Decentralized Cooperative Control Scheme With Obstacle Avoidance for a Team of Mobile Robots. IEEE Transactions on Industrial Electronics, 2014, 61, 347-354.	5.2	298
30	Model-free fuzzy leader-follower formation control of fixed wing UAVs. , 2013, , .		21
31	Motion synchronization in unmanned aircrafts formation control with communication delays. Communications in Nonlinear Science and Numerical Simulation, 2013, 18, 744-756.	1.7	63
32	Adaptive artificial potential field approach for obstacle avoidance of unmanned aircrafts. , 2012, , .		31
33	Synchronized cross coupled sliding mode controllers for cooperative UAVs with communication delays. , 2012, , .		8
34	A synchronization strategy for three dimensional decentralized formation control of unmanned aircrafts. , 2011, , .		18
35	Mobile robots cooperative control and obstacle avoidance using potential field. , 2011, , .		37