Ge Chen

List of Publications by Year
in descending order

21 papers	282 citations	1040056 9 h-index	940533 16 g-index
21 all docs	21 docs citations	21 times ranked	214 citing authors

#	Article	IF	Citations
1	Noise leads to quasi-consensus of Hegselmann–Krause opinion dynamics. Automatica, 2017, 85, 448-454.	5.0	70
2	Heterogeneous Hegselmann–Krause Dynamics With Environment and Communication Noise. IEEE Transactions on Automatic Control, 2020, 65, 3409-3424.	5.7	29
3	An improved ant-based routing protocol in Wireless Sensor Networks. , 2006, , .		28
4	Critical Connectivity and Fastest Convergence Rates of Distributed Consensus With Switching Topologies and Additive Noises. IEEE Transactions on Automatic Control, 2017, 62, 6152-6167.	5.7	26
5	Small Noise May Diversify Collective Motion in Vicsek Model. IEEE Transactions on Automatic Control, 2017, 62, 636-651.	5.7	18
6	Convergence rate of the asymmetric Deffuant-Weisbuch dynamics. Journal of Systems Science and Complexity, 2015, 28, 773-787.	2.8	15
7	The Smallest Possible Interaction Radius for Synchronization of Self-Propelled Particles. SIAM Review, 2014, 56, 499-521.	9.5	13
8	Noise-Induced Synchronization of Hegselmann–Krause Dynamics in Full Space. IEEE Transactions on Automatic Control, 2019, 64, 3804-3808.	5.7	12
9	Noise-based synchronization of bounded confidence opinion dynamics in heterogeneous time-varying communication networks. Information Sciences, 2020, 528, 219-230.	6.9	12
10	Linear Stochastic Approximation Algorithms and Group Consensus Over Random Signed Networks. IEEE Transactions on Automatic Control, 2019, 64, 1874-1889.	5.7	10
11	An improved ant-based routing protocol in Wireless Sensor Networks. , 2006, , .		8
12	Consensus of flocks under M-nearest-neighbor rules. Journal of Systems Science and Complexity, 2015, 28, 1-15.	2.8	8
13	Robust fragmentation modeling of Hegselmann–Krause-type dynamics. Journal of the Franklin Institute, 2019, 356, 9867-9880.	3.4	8
14	Finite–time elimination of disagreement of opinion dynamics via covert noise. IET Control Theory and Applications, 2018, 12, 563-570.	2.1	7
15	On the minimum number of neighbors needed for consensus of flocks. Control Theory and Technology, 2017, 15, 327-339.	1.6	6
16	Noise-Based Control of Opinion Dynamics. IEEE Transactions on Automatic Control, 2022, 67, 3134-3140.	5.7	5
17	Emergence of flocks with local interactions. , 2012, , .		2
18	Quasi-synchronization of bounded confidence opinion dynamics with a stochastic asynchronous rule. Science China Information Sciences, 2022, 65, 1.	4.3	2

#	Article	IF	Citations
19	Convergence analysis of asymmetric homogeneous Deffuant-Weisbuch model. , 2012, , .		1
20	Flocking with General Local Interaction and Large Population. Journal of Systems Science and Complexity, 2019, 32, 1498-1525.	2.8	1
21	Optimal Control for Unmanned Systems With One-Way Broadcast Communication. IEEE Transactions on Vehicular Technology, 2022, 71, 9297-9308.	6.3	1