Ge Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6426189/publications.pdf

Version: 2024-02-01

32	374	840776 11	839539 18
papers	citations	h-index	g-index

33	33	33	270
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Noise leads to quasi-consensus of Hegselmannâ€“Krause opinion dynamics. Automatica, 2017, 85, 448-454.	5.0	70
2	Heterogeneous Hegselmannâ€“Krause Dynamics With Environment and Communication Noise. IEEE Transactions on Automatic Control, 2020, 65, 3409-3424.	5.7	29
3	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
4	Convergence properties of the heterogeneous Deffuantâ€“Weisbuch model. Automatica, 2020, 114, 108825.	5.0	25
5	Small Noise May Diversify Collective Motion in Vicsek Model. IEEE Transactions on Automatic Control, 2017, 62, 636-651.	5.7	18
6	The Smallest Possible Interaction Radius for Flock Synchronization. SIAM Journal on Control and Optimization, 2012, 50, 1950-1970.	2.1	16
7	Dynamic social balance and convergent appraisals via homophily and influence mechanisms. Automatica, 2019, 110, 108580.	5.0	16
8	Convergence rate of the asymmetric Deffuant-Weisbuch dynamics. Journal of Systems Science and Complexity, 2015, 28, 773-787.	2.8	15
9	The Smallest Possible Interaction Radius for Synchronization of Self-Propelled Particles. SIAM Review, 2014, 56, 499-521.	9.5	13
10	Assessment of Shallow Groundwater Contamination Resulting from a Municipal Solid Waste Landfillâ€”A Case Study in Lianyungang, China. Water (Switzerland), 2019, 11, 2496.	2.7	13
11	Noise-Induced Synchronization of Hegselmannâ€“Krause Dynamics in Full Space. IEEE Transactions on Automatic Control, 2019, 64, 3804-3808.	5.7	12
12	Noise-based synchronization of bounded confidence opinion dynamics in heterogeneous time-varying communication networks. Information Sciences, 2020, 528, 219-230.	6.9	12
13	Linear Stochastic Approximation Algorithms and Group Consensus Over Random Signed Networks. IEEE Transactions on Automatic Control, 2019, 64, 1874-1889.	5.7	10
14	Large Deviations for the Graph Distance in Supercritical Continuum Percolation. Journal of Applied Probability, 2011, 48, 154-172.	0.7	9
15	Consensus of flocks under M-nearest-neighbor rules. Journal of Systems Science and Complexity, 2015, 28, 1-15.	2.8	8
16	The effects of aquifer heterogeneity on the 3D numerical simulation of soil and groundwater contamination at a chlor-alkali site in China. Environmental Earth Sciences, 2018, 77, 1.	2.7	8
17	Robust fragmentation modeling of Hegselmannâ€“Krause-type dynamics. Journal of the Franklin Institute, 2019, 356, 9867-9880.	3.4	8
18	Minewater deep transfer and storage. Journal of Cleaner Production, 2022, 332, 129848.	9.3	8

#	Article	IF	Citations
19	Finiteâ€time elimination of disagreement of opinion dynamics via covert noise. IET Control Theory and Applications, 2018, 12, 563-570.	2.1	7
20	On the minimum number of neighbors needed for consensus of flocks. Control Theory and Technology, 2017, 15, 327-339.	1.6	6
21	Noise-Based Control of Opinion Dynamics. IEEE Transactions on Automatic Control, 2022, 67, 3134-3140.	5.7	5
22	Piercing the veil of state sovereignty: How Chinaâ€™s censorship regime into fragmented international law can lead to a butterfly effect. Global Constitutionalism, 2014, 3, 31-70.	0.4	4
23	The global faces of Chinaâ€™s incomplete reforms: a perspective from Chinaâ€™s new intellectual property regime. Journal of Chinese Economic and Business Studies, 2019, 17, 425-443.	2.8	4
24	How equalitarian regulation of online hate speech turns authoritarian: a Chinese perspective. Journal of Media Law, 0, , 1-21.	0.9	3
25	Structural Balance and Interpersonal Appraisals Dynamics: Beyond All-to-All and Two-Faction Networks. IFAC-PapersOnLine, 2020, 53, 303-306.	0.9	2
26	Quasi-synchronization of bounded confidence opinion dynamics with a stochastic asynchronous rule. Science China Information Sciences, 2022, 65, 1.	4.3	2
27	Flocking with General Local Interaction and Large Population. Journal of Systems Science and Complexity, 2019, 32, 1498-1525.	2.8	1
28	The Asymptotic Size of the Largest Component in Random Geometric Graphs with Some Applications. Advances in Applied Probability, 2014, 46, 307-324.	0.7	1
29	Structural balance and interpersonal appraisals dynamics: Beyond all-to-all and two-faction networks. Automatica, 2022, 140, 110239.	5.0	1
30	Small noise may diversify collective motion. , 2015, , .		0
31	A Novel Approach to Assess the Complexity of Contaminant Plume Transportation in the Aquifer Based on Hausdorff Fractal Dimension. Water, Air, and Soil Pollution, 2020, 231, 1.	2.4	0
32	A novel multi-agent model for chemical self-assembly. Automatica, 2021, 129, 109563.	5.0	0