Abhijit Chakraborty

List of Publications by Year
in descending order

31	336	1163117 8	888059 17
papers	citations	h-index	g-index

34	34	34	475
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Aggregation of self-propelled particles with sensitivity to local order. Physical Review E, 2022, 105, 044124.	2.1	0
2	A structured open dataset of government interventions in response to COVID-19. Scientific Data, 2020, 7, 285.	5.3	147
3	Economic complexity of prefectures in Japan. PLoS ONE, 2020, 15, e0238017.	2.5	10
4	A model of the indirect losses from negative shocks in production and finance. PLoS ONE, 2020, 15, e0239293.	2.5	6
5	Testing â€œefficient supply chain propositionsâ€•using topological characterization of the global supply chain network. PLoS ONE, 2020, 15, e0239669.	2.5	10
6	Economic complexity of prefectures in Japan. , 2020, 15, e0238017.		0
7	Economic complexity of prefectures in Japan. , 2020, 15, e0238017.		0
8	Economic complexity of prefectures in Japan. , 2020, 15, e0238017.		0
9	Economic complexity of prefectures in Japan. , 2020, 15, e0238017.		0
10	Economic complexity of prefectures in Japan. , 2020, 15, e0238017.		0
11	Tie-formation process within the communities of the Japanese production network: application of an exponential random graph model. Applied Network Science, 2019, 4, .	1.5	4
12	Exponential random graph models for the Japanese bipartite network of banks and firms. Journal of Computational Social Science, 2019, 2, 3-13.	2.4	6
13	Identification of key companies for international profit shifting in the Global Ownership Network. Applied Network Science, 2019, 4, .	1.5	9
14	The emergence of properties of the Japanese production network: How do listed firms choose their partners?. Social Networks, 2019, 59, 1-9.	2.1	13
15	Characterization of the community structure in a large-scale production network in Japan. Physica A: Statistical Mechanics and Its Applications, 2019, 513, 210-221.	2.6	9
16	Shock Propagation Through Customer-Supplier Relationships: An Application of the Stochastic Actor-Oriented Model. Studies in Computational Intelligence, 2018, , 1100-1110.	0.9	3
17	Hierarchical communities in the walnut structure of the Japanese production network. PLoS ONE, 2018, 13, e0202739.	2.5	29
18	Deviations from universality in the fluctuation behavior of a heterogeneous complex system reveal intrinsic properties of components: The case of the international currency market. Physica A: Statistical Mechanics and Its Applications, 2018, 509, 599-610.	2.6	4

#	Article	IF	Citations
19	Jamming in a lattice model of stochastically interacting agents with a field of view. Europhysics Letters, 2017, 117, 50007.	2.0	1
20	Network similarity and statistical analysis of earthquake seismic data. Physica A: Statistical Mechanics and Its Applications, 2017, 481, 224-234.	2.6	12
21	Business cyclesâ€™ correlation and systemic risk of the Japanese supplier-customer network. PLoS ONE, 2017, 12, e0186467.	2.5	11
22	Spontaneous fluctuations in a zero-noise model of flocking. Europhysics Letters, 2016, 116, 48001.	2.0	5
23	Weighted network analysis of earthquake seismic data. Physica A: Statistical Mechanics and Its Applications, 2015, 433, 336-343.	2.6	11
24	Space-filling percolation. Physical Review E, 2014, 89, 032103.	2.1	3
25	DISEASE SPREADING MODEL WITH PARTIAL ISOLATION. Fractals, 2013, 21, 1350015.	3.7	0
26	CONSERVATIVE SELF-ORGANIZED EXTREMAL MODEL FOR WEALTH DISTRIBUTION. Fractals, 2012, 20, 163-177.	3.7	5
27	Weighted trade network in a model of preferential bipartite transactions. Physical Review E, 2010, 81, 016111.	2.1	17
28	Characterization of the Community Structure in a Large-Scale Production Network in Japan. SSRN Electronic Journal, 0, , .	0.4	2
29	Hierarchical Communities in Walnut Structure of Japanese Production Network. SSRN Electronic Journal, 0, , .	0.4	4
30	A Model for Indirect Losses of Negatives Shocks in Production and Finance. SSRN Electronic Journal, 0, , .	0.4	0
31	Economic Complexity of Prefectures in Japan. SSRN Electronic Journal, 0, , .	0.4	0