Wei Duan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6848604/publications.pdf

Version: 2024-02-01

16 papers	485 citations	1684188 5 h-index	1588992 8 g-index
16 all docs	16 docs citations	16 times ranked	664 citing authors

#	Article	IF	Citations
1	Characterizing the Propagation of Situational Information in Social Media During COVID-19 Epidemic: A Case Study on Weibo. IEEE Transactions on Computational Social Systems, 2020, 7, 556-562.	4.4	329
2	Mathematical and computational approaches to epidemic modeling: a comprehensive review. Frontiers of Computer Science, 2015, 9, 806-826.	2.4	55
3	An ACP Approach to Public Health Emergency Management: Using a Campus Outbreak of H1N1 Influenza as a Case Study. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2013, 43, 1028-1041.	9.3	36
4	Heterogeneous and Stochastic Agent-Based Models for Analyzing Infectious Diseases' Super Spreaders. IEEE Intelligent Systems, 2013, 28, 18-25.	4.0	25
5	Growing Artificial Transportation Systems: A Rule-Based Iterative Design Process. IEEE Transactions on Intelligent Transportation Systems, 2011, 12, 322-332.	8.0	17
6	Agent based modeling for H1N1 influenza in artificial campus. , 2011, , .		7
7	Topology dependent epidemic spreading velocity in weighted networks. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P12020.	2.3	5
8	Fostering artificial societies using social learning and social control in parallel emergency management systems. Frontiers of Computer Science, 2012, 6, 604-610.	2.4	4
9	Management and Control Techniques for Distributed Simulation System. , 2010, , .		3
10	Weighted social networks for a large scale artificial society. Modern Physics Letters B, 2016, 30, 1550276.	1.9	2
11	A Modified Cell Transmission Model Incorporating Capacity Drop at Merge Bottleneck Considering On-Ramp Flow. , 2018, , .		1
12	Research on Algorithm for Dynamic Weapon Target Assignment Based on the Improved Markov Decision Model. , 2018, , .		1
13	Heterogeneous edge weights promote epidemic diffusion inÂweightedÂevolving networks. Modern Physics Letters B, 2016, 30, 1650300.	1.9	0
14	Heterogeneous individual-based epidemic models via matrix equations. IEEE/CAA Journal of Automatica Sinica, 2024, , 1-12.	13.1	0
15	Matrix-Based Formulation of Heterogeneous Individual-Based Models of Infectious Diseases: Using SARS Epidemic as a Case Study. International Journal of Environmental Research and Public Health, 2021, 18, 5716.	2.6	0
16	Modeling Human Travel and Social Contact with Multi-layer Networks for Epidemic Prediction. , 2021, , .		0