Lidia A Braunstein

List of Publications by Year
in descending order

54	1,989	318942	274796
papers	citations	23 h-index	44 g-index

55	55	55	1733
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An epidemic model for COVID-19 transmission in Argentina: Exploration of the alternating quarantine and massive testing strategies. Mathematical Biosciences, 2022, 346, 108664.	0.9	8
2	Emergent networks in fractional percolation. Physica A: Statistical Mechanics and Its Applications, 2022, 594, 127057.	1.2	1
3	Cascading failures in isotropic and anisotropic spatial networks induced by localized attacks and overloads. New Journal of Physics, 2022, 24, 043045.	1.2	5
4	Peak fraction of infected in epidemic spreading for multi-community networks. Journal of Complex Networks, 2022, 10, .	1.1	0
5	Cascading failures in anisotropic interdependent networks of spatial modular structures. New Journal of Physics, 2021, 23, 113001.	1.2	7
6	Controlling distant contacts to reduce disease spreading on disordered complex networks. Physica A: Statistical Mechanics and Its Applications, 2020, 545, 123709.	1.2	6
7	Disease spreading with social distancing: A prevention strategy in disordered multiplex networks. Physical Review E, 2020, 102, 022310.	0.8	6
8	Role of bridge nodes in epidemic spreading: Different regimes and crossovers. Physical Review E, 2020, 102, 032308.	0.8	5
9	Ring vaccination strategy in networks: A mixed percolation approach. Physical Review E, 2020, 101, 052309.	0.8	4
10	Cascading failures in complex networks. Journal of Complex Networks, 2020, 8, .	1.1	26
11	Epidemic spreading on modular networks: The fear to declare a pandemic. Physical Review E, 2020, 101, 032309.	0.8	27
12	Reversible bootstrap percolation: Fake news and fact checking. Physical Review E, 2020, 101, 042307.	0.8	8
13	On the growth of non-motile bacteria colonies: an agent-based model for pattern formation. European Physical Journal B, 2019, 92, 1.	0.6	2
14	Insights into bootstrap percolation: Its equivalence with k-core percolation and the giant component. Physical Review E, 2019, 99, 022311.	0.8	10
15	Containing misinformation spreading in temporal social networks. Chaos, 2019, 29, 123131.	1.0	21
16	Social contagions with communication channel alternation on multiplex networks. Physical Review E, 2018, 98, .	0.8	30
17	Suppressing epidemic spreading in multiplex networks with social-support. New Journal of Physics, 2018, 20, 013007.	1.2	79
18	Optimal community structure for social contagions. New Journal of Physics, 2018, 20, 053053.	1.2	12

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19	Optimal resource diffusion for suppressing disease spreading in multiplex networks. Journal of Statistical Mechanics: Theory and Experiment, 2018, 2018, 053501.	0.9	61
20	Strategy for stopping failure cascades in interdependent networks. Physica A: Statistical Mechanics and Its Applications, 2018, 508, 577-583.	1.2	35
21	Unification of theoretical approaches for epidemic spreading on complex networks. Reports on Progress in Physics, 2017, 80, 036603.	8.1	244
22	Promoting information spreading by using contact memory. Europhysics Letters, 2017, 118, 18001.	0.7	28
23	Cascading failure and recovery of spatially interdependent networks. Journal of Statistical Mechanics: Theory and Experiment, 2017, 2017, 103208.	0.9	61
24	Epidemic spreading in multiplex networks influenced by opinion exchanges on vaccination. PLoS ONE, 2017, 12, e0186492.	1.1	24
25	Interacting Social Processes on Interconnected Networks. PLoS ONE, 2016, 11, e0163593.	1.1	10
26	Multiple tipping points and optimal repairing in interacting networks. Nature Communications, 2016, 7, 10850.	5.8	79
27	Suppressing disease spreading by using information diffusion on multiplex networks. Scientific Reports, 2016, 6, 29259.	1.6	118
28	Epidemic spreading and immunization strategy in multiplex networks. Journal of Physics: Conference Series, 2015, 640, 012007.	0.3	23
29	Competing for Attention in Social Media under Information Overload Conditions. PLoS ONE, 2015, 10, e0126090.	1.1	78
30	Epidemics in Partially Overlapped Multiplex Networks. PLoS ONE, 2014, 9, e92200.	1.1	119
31	When a Text Is Translated Does the Complexity of Its Vocabulary Change? Translations and Target Readerships. PLoS ONE, 2014, 9, e110213.	1.1	11
32	Non-consensus Opinion Models on Complex Networks. Journal of Statistical Physics, 2013, 151, 92-112.	0.5	46
33	Study of a market model with conservative exchanges on complex networks. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 1788-1794.	1.2	10
34	Strategy of competition between two groups based on an inflexible contrarian opinion model. Physical Review E, 2011, 84, 066101.	0.8	28
35	Jamming in complex networks with degree correlation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 4658-4663.	0.9	11
36	Structural crossover of polymers in disordered media. Physical Review E, 2009, 79, 050102.	0.8	5

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37	Structure of shells in complex networks. Physical Review E, 2009, 80, 036105.	0.8	112
38	Using relaxational dynamics to reduce network congestion. New Journal of Physics, 2008, 10, 093007.	1.2	6
39	Numerical evaluation of the upper critical dimension of percolation in scale-free networks. Physical Review E, 2007, 75, 066110.	0.8	23
40	OPTIMAL PATH AND MINIMAL SPANNING TREES IN RANDOM WEIGHTED NETWORKS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2007, 17, 2215-2255.	0.7	65
41	Transport and percolation theory in weighted networks. Physical Review E, 2007, 75, 045103.	0.8	20
42	Reducing congestion on complex networks by dynamic relaxation processes. Physica A: Statistical Mechanics and Its Applications, 2007, 386, 776-779.	1.2	2
43	Transport in Weighted Networks: Partition into Superhighways and Roads. Physical Review Letters, 2006, 96, 148702.	2.9	130
44	Optimal paths in complex networks with correlated weights: The worldwide airport network. Physical Review E, 2006, 74, 056104.	0.8	50
45	Scale-free networks emerging from weighted random graphs. Physical Review E, 2006, 73, 025103.	0.8	13
46	Transition between strong and weak disorder regimes for the optimal path. Physica A: Statistical Mechanics and Its Applications, 2005, 346, 174-182.	1.2	1
47	Optimal path in random networks with disorder: A mini review. Physica A: Statistical Mechanics and Its Applications, 2005, 346, 82-92.	1.2	20
48	Current flow in random resistor networks: The role of percolation in weak and strong disorder. Physical Review E, 2005, 71, 045101.	0.8	42
49	Possible connection between the optimal path and flow in percolation clusters. Physical Review E, 2005, 72, 056131.	0.8	12
50	Scaling of optimal-path-lengths distribution in complex networks. Physical Review E, 2005, 72, 025102.	0.8	9
51	Effect of disorder strength on optimal paths in complex networks. Physical Review E, 2004, 70, 046133.	0.8	29
52	Length of optimal path in random networks with strong disorder. Physica A: Statistical Mechanics and Its Applications, 2003, 330, 246-252.	1.2	7
53	Optimal Paths in Disordered Complex Networks. Physical Review Letters, 2003, 91, 168701.	2.9	160
54	Universality classes for self-avoiding walks in a strongly disordered system. Physical Review E, 2002, 65, 056128.	0.8	36