Kwang-Il Goh

List of Publications by Year
in descending order

42 papers	9,385 citations	168829 31 h-index	299063 42 g-index
43 all docs	43 docs citations	43 times ranked	10865 citing authors

#	Article	IF	Citations
1	K-selective percolation: A simple model leading to a rich repertoire of phase transitions. Chaos, 2022, 32, 023115.	1.0	2
2	Critical behaviors of high-degree adaptive and collective-influence percolation. Chaos, 2020, 30, 073131.	1.0	3
3	Majority-vote dynamics on multiplex networks with two layers. New Journal of Physics, 2019, 21, 035005.	1.2	11
4	Recent Advances of Percolation Theory in Complex Networks. Journal of the Korean Physical Society, 2018, 73, 152-164.	0.3	40
5	Strength of weak layers in cascading failures on multiplex networks: case of the international trade network. Scientific Reports, 2016, 6, 26346.	1.6	25
6	Layer-switching cost and optimality in information spreading on multiplex networks. Scientific Reports, 2016, 6, 21392.	1.6	34
7	Towards real-world complexity: an introduction to multiplex networks. European Physical Journal B, 2015, 88, 1.	0.6	148
8	Link overlap, viability, and mutual percolation in multiplex networks. Chaos, Solitons and Fractals, 2015, 72, 49-58.	2.5	45
9	Threshold cascades with response heterogeneity in multiplex networks. Physical Review E, 2014, 90, 062816.	0.8	91
10	Multiplex Networks. Understanding Complex Systems, 2014, , 53-72.	0.3	27
11	Multiple resource demands and viability in multiplex networks. Physical Review E, 2014, 89, 040802.	0.8	37
12	Network robustness of multiplex networks with interlayer degree correlations. Physical Review E, 2014, 89, 042811.	0.8	202
13	Coevolution and Correlated Multiplexity in Multiplex Networks. Physical Review Letters, 2013, 111, 058702.	2.9	112
14	Burstiness: Measures, Models, and Dynamic Consequences. Understanding Complex Systems, 2013, , 41-64.	0.3	6
15	Correlated multiplexity and connectivity of multiplex random networks. New Journal of Physics, 2012, 14, 033027.	1.2	160
16	Branching process approach for Boolean bipartite networks of metabolic reactions. Physical Review E, 2012, 86, 027101.	0.8	5
17	Multiplexity-facilitated cascades in networks. Physical Review E, 2012, 85, 045102.	0.8	164
18	Exploring the human diseasome: the human disease network. Briefings in Functional Genomics, 2012, 11, 533-542.	1.3	118

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19	Spreading dynamics following bursty human activity patterns. Physical Review E, 2011, 83, 036102.	0.8	95
20	Impact of the Topology of Global Macroeconomic Network on the Spreading of Economic Crises. PLoS ONE, 2011, 6, e18443.	1.1	74
21	Generalized priority-queue network dynamics: Impact of team and hierarchy. Physical Review E, 2010, 81, 066109.	0.8	12
22	Complete trails of coauthorship network evolution. Physical Review E, 2010, 82, 026112.	0.8	46
23	Waiting time dynamics of priority-queue networks. Physical Review E, 2009, 79, 056110.	0.8	28
24	Burstiness and memory in complex systems. Europhysics Letters, 2008, 81, 48002.	0.7	374
25	INTERNET DATA PACKET TRANSPORT: FROM GLOBAL TOPOLOGY TO LOCAL QUEUEING DYNAMICS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2007, 17, 2485-2490.	0.7	4
26	The human disease network. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 8685-8690.	3.3	2,924
27	Fractality in complex networks: Critical and supercritical skeletons. Physical Review E, 2007, 75, 016110.	0.8	110
28	A box-covering algorithm for fractal scaling in scale-free networks. Chaos, 2007, 17, 026116.	1.0	78
29	Drugâ€"target network. Nature Biotechnology, 2007, 25, 1119-1126.	9.4	1,584
30	Skeleton and Fractal Scaling in Complex Networks. Physical Review Letters, 2006, 96, 018701.	2.9	198
31	Modeling bursts and heavy tails in human dynamics. Physical Review E, 2006, 73, 036127.	0.8	502
32	Intrinsic degree-correlations in the static model of scale-free networks. European Physical Journal B, 2006, 49, 231-238.	0.6	37
33	Structure and evolution of online social relationships: Heterogeneity in unrestricted discussions. Physical Review E, 2006, 73, 066123.	0.8	42
34	Lethality and synthetic lethality in the genome-wide metabolic network of Escherichia coli. Journal of Theoretical Biology, 2005, 237, 401-411.	0.8	51
35	Nonlocal evolution of weighted scale-free networks. Physical Review E, 2005, 72, 017103.	0.8	44
36	Load distribution in weighted complex networks. Physical Review E, 2005, 72, 017102.	0.8	34

#	ARTICLE	IF	CITATIONS
37	Packet transport along the shortest pathways in scale-free networks. European Physical Journal B, 2004, 38, 193-199.	0.6	24
38	Sandpile on Scale-Free Networks. Physical Review Letters, 2003, 91, 148701.	2.9	231
39	Betweenness centrality correlation in social networks. Physical Review E, 2003, 67, 017101.	0.8	219
40	Fluctuation-Driven Dynamics of the Internet Topology. Physical Review Letters, 2002, 88, 108701.	2.9	134
41	Classification of scale-free networks. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12583-12588.	3.3	320
42	Universal Behavior of Load Distribution in Scale-Free Networks. Physical Review Letters, 2001, 87, 278701.	2.9	989