Seung-Woo Son

List of Publications by Year
in descending order

39 papers	1,320 citations	567144 15 h-index	345118 36 g-index
40 all docs	40 docs citations	40 times ranked	1536 citing authors

#	Article	IF	Citations
1	Motif dynamics in signed directional complex networks. Journal of the Korean Physical Society, 2021, 78, 535-541.	0.3	4
2	Criticality in Spreading Processes without Timescale Separation and the Critical Brain Hypothesis. Physical Review X, 2021, 11, .	2.8	13
3	Power-grid stability predictions using transferable machine learning. Chaos, 2021, 31, 123127.	1.0	8
4	Synchronization of active rotators interacting with environment. Physical Review E, 2020, 101, 022613.	0.8	5
5	On structural and dynamical factors determining the integrated basin instability of power-grid nodes. Chaos, 2019, 29, 103132.	1.0	11
6	Multistability and variations in basin of attraction in power-grid systems. New Journal of Physics, 2018, 20, 113006.	1.2	14
7	In-depth data on the network structure and hourly activity of the Central Chilean power grid. Scientific Data, 2018, 5, 180209.	2.4	16
8	Laser Writing Block Copolymer Self-Assembly on Graphene Light-Absorbing Layer. ACS Nano, 2016, 10, 3435-3442.	7.3	102
9	Anomalous Rapid Defect Annihilation in Self-Assembled Nanopatterns by Defect Melting. Nano Letters, 2015, 15, 1190-1196.	4.5	37
10	Nash equilibrium and evolutionary dynamics in semifinalists' dilemma. Physical Review E, 2015, 91, 042144.	0.8	3
11	Zero-one-only process: A correlated random walk with a stochastic ratchet. International Journal of Modern Physics B, 2014, 28, 1450201.	1.0	0
12	Structural properties of networks grown via an Achlioptas process. Journal of the Korean Physical Society, 2014, 65, 1985-1990.	0.3	2
13	Dynamic motifs of strategies in prisonerâ€™s dilemma games. Journal of the Korean Physical Society, 2014, 65, 1709-1714.	0.3	1
14	Network structures between strategies in iterated prisonersâ€™ dilemma games. Journal of the Korean Physical Society, 2014, 64, 341-345.	0.3	4
15	Wrinkleâ€Directed Selfâ€Assembly of Block Copolymers for Aligning of Nanowire Arrays. Advanced Materials, 2014, 26, 4665-4670.	11.1	38
16	Large-Scale Quantitative Analysis of Painting Arts. Scientific Reports, 2014, 4, 7370.	1.6	49
17	Son, Grassberger, and Paczuski Reply:. Physical Review Letters, 2013, 111, 189602.	2.9	5
18	Costly bilingualism model in a population with one zealot. Physical Review E, 2013, 88, 022807.	0.8	1

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19	Percolation properties of growing networks under an Achlioptas process. Europhysics Letters, 2013, 103, 26004.	0.7	12
20	Percolation theory on interdependent networks based on epidemic spreading. Europhysics Letters, 2012, 97, 16006.	0.7	241
21	Phase-shift inversion in oscillator systems with periodically switching couplings. Physical Review E, 2012, 85, 027202.	0.8	8
22	PageRank and rank-reversal dependence on the damping factor. Physical Review E, 2012, 86, 066104.	0.8	7
23	Agglomerative percolation in two dimensions. Europhysics Letters, 2012, 97, 16004.	0.7	13
24	Sampling properties of directed networks. Physical Review E, 2012, 86, 046104.	0.8	17
25	Demographic studies of Internet routers. Journal of the Korean Physical Society, 2012, 60, 585-589.	0.3	3
26	Explosive Percolation is Continuous, but with Unusual Finite Size Behavior. Physical Review Letters, 2011, 106, 225701.	2.9	157
27	Enhancing synchronization by directionality in complex networks. Physical Review E, 2011, 83, 045101.	0.8	30
28	Irreversible aggregation and network renormalization. Europhysics Letters, 2011, 95, 58007.	0.7	11
29	Percolation Transitions Are Not Always Sharpened by Making Networks Interdependent. Physical Review Letters, 2011, 107, 195702.	2.9	70
30	Exact solutions for mass-dependent irreversible aggregations. Physical Review E, 2011, 84, 040102.	0.8	10
31	Thermal fluctuation effects on finite-size scaling of synchronization. Physical Review E, 2010, 81, 061125.	0.8	13
32	Finding communities in directed networks. Physical Review E, 2010, 81, 016103.	0.8	123
33	Dynamics and Directionality in Complex Networks. Physical Review Letters, 2009, 103, 228702.	2.9	43
34	Anomalous scaling behavior in polymer thin film growth by vapor deposition. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, P02031.	0.9	8
35	Scaling laws between population and facility densities. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14236-14240.	3.3	69
36	Spontaneous Lamellar Alignment in Thicknessâ€Modulated Block Copolymer Films. Advanced Functional Materials, 2009, 19, 2584-2591.	7.8	63

#	Article	IF	Citations
37	A protein interaction network associated with asthma. Journal of Theoretical Biology, 2008, 252, 722-731.	0.8	94
38	Relaxation of synchronization on complex networks. Physical Review E, 2008, 78, 016106.	0.8	12
39	Underlying Scale-Free Trees in Complex Networks. Progress of Theoretical Physics Supplement, 2005, 157, 213-220.	0.2	3