Zhesi Shen

List of Publications by Citations

21 papers	633 citations	13 h-index	23 g-index
23 ext. papers	795 ext. citations	5.6 avg, IF	3.99 L-index

#	Paper	IF	Citations
21	The science of science: From the perspective of complex systems. *Physics Reports*, **2017**, 714-715, 1-73	27.7	147
20	Reconstructing propagation networks with natural diversity and identifying hidden sources. *Nature Communications*, **2014**, 5, 4323	17.4	125
19	Robust reconstruction of complex networks from sparse data. *Physical Review Letters*, **2015**, 114, 028701	7.4	102
18	Locating the source of diffusion in complex networks by time-reversal backward spreading. *Physical Review E*, **2016**, 93, 032301	2.4	55
17	Increasing trend of scientists to switch between topics. *Nature Communications*, **2019**, 10, 3439	17.4	35
16	Emergence of communities and diversity in social networks. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 2887-2891	11.5	32
15	Universal data-based method for reconstructing complex networks with binary-state dynamics. *Physical Review E*, **2017**, 95, 032303	2.4	24
14	Multi-source localization on complex networks with limited observers. *Europhysics Letters*, **2016**, 113, 18006	1.6	18
13	Interrelations among scientific fields and their relative influences revealed by an input–output analysis. *Journal of Informetrics*, **2016**, 10, 82-97	3.1	17
12	Efficient Reconstruction of Heterogeneous Networks from Time Series via Compressed Sensing. *PLoS ONE*, **2015**, 10, e0142837	3.7	16
11	Locating multiple diffusion sources in time varying networks from sparse observations. *Scientific Reports*, **2018**, 8, 2685	4.9	15
10	Localization of diffusion sources in complex networks with sparse observations. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2018**, 382, 931-937	2.3	14
9	Reconstructing direct and indirect interactions in networked public goods game. *Scientific Reports*, **2016**, 6, 30241	4.9	13
8	Node2vec Representation for Clustering Journals and as A Possible Measure of Diversity. *Journal of Data and Information Science*, **2019**, 4, 79-92	1.2	6
7	Weighted h-index for Identifying Influential Spreaders. *Symmetry*, **2019**, 11, 1263	2.7	4
6	Uncovering transportation networks from traffic flux by compressed sensing. *European Physical Journal B*, **2015**, 88, 1	1.2	3
5	Do mathematicians, economists and biomedical scientists trace large topics more strongly than physicists?. *Journal of Informetrics*, **2017**, 11, 598-607	3.1	2

4	Lognormal distribution of citation counts is the reason for the relation between Impact Factors and Citation Success Index. *Journal of Informetrics*, **2018**, 12, 153-157	3.1	2
3	Large enough sample size to rank two groups of data reliably according to their means. *Scientometrics*, **2019**, 118, 653-671	3	1
2	Localization of diffusion sources in complex networks: A maximum-largest method. *Physica A: Statistical Mechanics and Its Applications*, **2019**, 527, 121262	3.3	1
1	Emergence of complexity in controlling simple regular networks. *Europhysics Letters*, **2016**, 114, 68002	1.6	1