

Raj Kumar Pan

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30
papers

1,715
citations

20
h-index

30
g-index

30
ext. papers

1,986
ext. citations

3.1
avg, IF

4.84
L-index

#	Paper	IF	Citations
30	Small but slow world: how network topology and burstiness slow down spreading. <i>Physical Review E</i> , 2011 , 83, 025102	2.4	427
29	Path lengths, correlations, and centrality in temporal networks. <i>Physical Review E</i> , 2011 , 84, 016105	2.4	169
28	Reputation and impact in academic careers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 15316-21	11.5	146
27	World citation and collaboration networks: uncovering the role of geography in science. <i>Scientific Reports</i> , 2012 , 2, 902	4.9	140
26	Collective behavior of stock price movements in an emerging market. <i>Physical Review E</i> , 2007 , 76, 046116.4	6.4	102
25	Attention decay in science. <i>Journal of Informetrics</i> , 2015 , 9, 734-745	3.1	74
24	Author Impact Factor: tracking the dynamics of individual scientific impact. <i>Scientific Reports</i> , 2014 , 4, 4880	4.9	62
23	Inferring human mobility using communication patterns. <i>Scientific Reports</i> , 2014 , 4, 6174	4.9	54
22	Mesosopic organization reveals the constraints governing <i>Caenorhabditis elegans</i> nervous system. <i>PLoS ONE</i> , 2010 , 5, e9240	3.7	54
21	Multiscale analysis of spreading in a large communication network. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2012 , 2012, P03005	1.9	54
20	Emergence of bursts and communities in evolving weighted networks. <i>PLoS ONE</i> , 2011 , 6, e22687	3.7	43
19	Effects of temporal correlations on cascades: threshold models on temporal networks. <i>Physical Review E</i> , 2014 , 89, 062815	2.4	42
18	Modularity produces small-world networks with dynamical time-scale separation. <i>Europhysics Letters</i> , 2009 , 85, 68006	1.6	39
17	The evolution of interdisciplinarity in physics research. <i>Scientific Reports</i> , 2012 , 2, 551	4.9	39
16	Using explosive percolation in analysis of real-world networks. <i>Physical Review E</i> , 2011 , 83, 046112	2.4	37
15	Inverse-cubic law of index fluctuation distribution in Indian markets. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2008 , 387, 2055-2065	3.3	33
14	Self-organization of price fluctuation distribution in evolving markets. <i>Europhysics Letters</i> , 2007 , 77, 58004	4	32

13	The strength of strong ties in scientific collaboration networks. <i>Europhysics Letters</i> , 2012 , 97, 18007	1.6	26
12	Modular networks emerge from multiconstraint optimization. <i>Physical Review E</i> , 2007 , 76, 045103	2.4	26
11	The statistical laws of popularity: universal properties of the box-office dynamics of motion pictures. <i>New Journal of Physics</i> , 2010 , 12, 115004	2.9	25
10	Modular networks with hierarchical organization: The dynamical implications of complex structure 2008 , 71, 331-340		19
9	Phase of Ising spins on modular networks analogous to social polarization. <i>Physical Review E</i> , 2009 , 80, 025101	2.4	18
8	Time-varying priority queuing models for human dynamics. <i>Physical Review E</i> , 2012 , 85, 066101	2.4	16
7	Contextual analysis framework for bursty dynamics. <i>Physical Review E</i> , 2013 , 87, 062131	2.4	14
6	Graph coarse-graining reveals differences in the module-level structure of functional brain networks. <i>European Journal of Neuroscience</i> , 2016 , 44, 2673-2684	3.5	8
5	How a Hit Is Born: The Emergence of Popularity from the Dynamics of Collective Choice 417-447		7
4	Network analysis of a corpus of undeciphered Indus civilization inscriptions indicates syntactic organization. <i>Computer Speech and Language</i> , 2011 , 25, 639-654	2.8	4
3	The Power (Law) of Indian Markets: Analysing NSE and BSE Trading Statistics 2006 , 24-34		2
2	Blockbusters, Bombs and Sleepers: The Income Distribution of Movies. <i>New Economic Windows</i> , 2005 , 43-47	0.5	2
1	Uncovering the Internal Structure of the Indian Financial Market: Large Cross-correlation Behavior in the NSE 2007 , 3-19		1