Xiao-Pu Han

List of Publications by Year
in descending order

26 papers	570 citations	759233 12 h-index	610901 24 g-index
26 all docs	26 docs citations	26 times ranked	592 citing authors

#	Article	IF	Citations
1	Interplay between cooperation-enhancing mechanisms in evolutionary games with tag-mediated interactions. Physica A: Statistical Mechanics and Its Applications, 2018, 496, 676-690.	2.6	14
2	Spatiotemporal property and predictability of large-scale human mobility. Physica A: Statistical Mechanics and Its Applications, 2018, 495, 40-48.	2.6	7
3	Evolution of innovative behaviors on scale-free networks. Frontiers of Physics, 2018, 13, 1.	5.0	5
4	Empirical analysis on the human dynamics of blogging behavior on GitHub. Physica A: Statistical Mechanics and Its Applications, 2017, 465, 775-781.	2.6	27
5	Reconstruction of social group networks from friendship networks using a tag-based model. Physica A: Statistical Mechanics and Its Applications, 2016, 463, 485-492.	2.6	2
6	The role of research efficiency in the evolution of scientific productivity and impact: An agent-based model. Physics Letters, Section A: General, Atomic and Solid State Physics, 2016, 380, 828-836.	2.1	10
7	Empirical Studies on the Network of Social Groups: The Case of Tencent QQ. PLoS ONE, 2015, 10, e0130538.	2.5	21
8	Randomness in the evolution of cooperation. Behavioural Processes, 2015, 113, 86-93.	1.1	26
9	Punctuated equilibrium dynamics in human communications. Physica A: Statistical Mechanics and Its Applications, 2015, 436, 36-44.	2.6	4
10	Cascading Walks Model for Human Mobility Patterns. PLoS ONE, 2015, 10, e0124800.	2.5	4
11	Correlations and Scaling Laws in Human Mobility. PLoS ONE, 2014, 9, e84954.	2.5	29
12	Emergence of Blind Areas in Information Spreading. PLoS ONE, 2014, 9, e95785.	2.5	16
13	Outbreak patterns of the novel avian influenza (H7N9). Physica A: Statistical Mechanics and Its Applications, 2014, 401, 265-270.	2.6	4
14	Epidemic spreading on hierarchical geographical networks with mobile agents. Communications in Nonlinear Science and Numerical Simulation, 2014, 19, 1301-1312.	3.3	24
15	Dynamics of human innovative behaviors. Physica A: Statistical Mechanics and Its Applications, 2014, 394, 74-81.	2.6	8
16	Modeling correlated human dynamics with temporal preference. Physica A: Statistical Mechanics and Its Applications, 2014, 398, 145-151.	2.6	15
17	A Model of Two-Way Selection System for Human Behavior. PLoS ONE, 2014, 9, e81424.	2.5	9
18	Diversity of individual mobility patterns and emergence of aggregated scaling laws. Scientific Reports, 2013, 3, 2678.	3.3	121

#	Article	IF	Citations
19	Origin of the scaling law in human mobility: Hierarchy of traffic systems. Physical Review E, 2011, 83, 036117.	2.1	72
20	Scaling mobility patterns and collective movements: Deterministic walks in lattices. Physical Review E, 2011, 83, 056108.	2.1	5
21	Exact Solution of the Gyration Radius of an Individual's Trajectory for a Simplified Human Regular Mobility Model. Chinese Physics Letters, 2011, 28, 120506.	3.3	17
22	Stretched exponential distribution of recurrent time of wars in China. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 2637-2641.	2.6	8
23	Bilinear effect in complex systems. Europhysics Letters, 2010, 91, 68004.	2.0	0
24	Modeling human dynamics with adaptive interest. New Journal of Physics, 2008, 10, 073010.	2.9	79
25	Parameter-tuning networks: Experiments and active-walk model. Europhysics Letters, 2008, 83, 28003.	2.0	3
26	Disease spreading with epidemic alert on small-world networks. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 365, 1-5.	2.1	40