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	Diversity of individual mobility patterns and emergence of aggregated scaling laws. Scientific Reports, 2013, 3, 2678.	3.3	121
2	Modeling human dynamics with adaptive interest. New Journal of Physics, 2008, 10, 073010.	2.9	79
3	Origin of the scaling law in human mobility: Hierarchy of traffic systems. Physical Review E, 2011, 83, 036117.	2.1	72
4	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
5	Correlations and Scaling Laws in Human Mobility. PLoS ONE, 2014, 9, e84954.	2.5	29
6	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
7	Randomness in the evolution of cooperation. Behavioural Processes, 2015, 113, 86-93.	1.1	26
8	Epidemic spreading on hierarchical geographical networks with mobile agents. Communications in Nonlinear Science and Numerical Simulation, 2014, 19, 1301-1312.	3.3	24
9	Empirical Studies on the Network of Social Groups: The Case of Tencent QQ. PLoS ONE, 2015, 10, e0130538.	2.5	21
10	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
11	Emergence of Blind Areas in Information Spreading. PLoS ONE, 2014, 9, e95785.	2.5	16
12	Modeling correlated human dynamics with temporal preference. Physica A: Statistical Mechanics and Its Applications, 2014, 398, 145-151.	2.6	15
13	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
14	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
15	A Model of Two-Way Selection System for Human Behavior. PLoS ONE, 2014, 9, e81424.	2.5	9
16	Stretched exponential distribution of recurrent time of wars in China. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 2637-2641.	2.6	8
17	Dynamics of human innovative behaviors. Physica A: Statistical Mechanics and Its Applications, 2014, 394, 74-81.	2.6	8
18	Spatiotemporal property and predictability of large-scale human mobility. Physica A: Statistical Mechanics and Its Applications, 2018, 495, 40-48.	2.6	7

#	Article	IF	Citations
19	Scaling mobility patterns and collective movements: Deterministic walks in lattices. Physical Review E, 2011, 83, 056108.	2.1	5
20	Evolution of innovative behaviors on scale-free networks. Frontiers of Physics, 2018, 13, 1.	5.0	5
21	Outbreak patterns of the novel avian influenza (H7N9). Physica A: Statistical Mechanics and Its Applications, 2014, 401, 265-270.	2.6	4
22	Punctuated equilibrium dynamics in human communications. Physica A: Statistical Mechanics and Its Applications, 2015, 436, 36-44.	2.6	4
23	Cascading Walks Model for Human Mobility Patterns. PLoS ONE, 2015, 10, e0124800.	2.5	4
24	Parameter-tuning networks: Experiments and active-walk model. Europhysics Letters, 2008, 83, 28003.	2.0	3
25	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
26	Bilinear effect in complex systems. Europhysics Letters, 2010, 91, 68004.	2.0	0