

# Xiao-Long Peng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3348836/publications.pdf>

Version: 2024-02-01

15  
papers

171  
citations

1307594

7  
h-index

1125743

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

129  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vaccination intervention on epidemic dynamics in networks. <i>Physical Review E</i> , 2013, 87, 022813.	2.1	58
2	Prevention of infectious diseases by public vaccination and individual protection. <i>Journal of Mathematical Biology</i> , 2016, 73, 1561-1594.	1.9	30
3	An SIS epidemic model with vaccination in a dynamical contact network of mobile individuals with heterogeneous spatial constraints. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2019, 73, 52-73.	3.3	20
4	Temporal prediction of epidemic patterns in community networks. <i>New Journal of Physics</i> , 2013, 15, 113033.	2.9	10
5	Contagion dynamics on adaptive multiplex networks with awareness-dependent rewiring*. <i>Chinese Physics B</i> , 2021, 30, 058901.	1.4	10
6	Roles of four feedback loops in mitochondrial permeability transition pore opening induced by $\text{Ca}^{2+}$ and reactive oxygen species. <i>Physical Review E</i> , 2020, 102, 062422.	2.1	10
7	Nonpharmaceutical interventions contribute to the control of COVID-19 in China based on a pairwise model. <i>Infectious Disease Modelling</i> , 2021, 6, 643-663.	1.9	9
8	Epidemiological Modeling on Complex Networks. <i>Understanding Complex Systems</i> , 2016, , 51-77.	0.6	6
9	Modeling nonuniversal citation distributions: the role of scientific journals. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2014, 2014, P04029.	2.3	5
10	Competition between awareness and epidemic spreading in homogeneous networks with demography. <i>Applied Mathematics and Computation</i> , 2022, 420, 126875.	2.2	5
11	ADAPTIVE SIS EPIDEMIC MODELS ON HETEROGENEOUS NETWORKS WITH DEMOGRAPHICS AND RISK PERCEPTION. <i>Journal of Biological Systems</i> , 2018, 26, 247-273.	1.4	4
12	Effect of fitness on mutual selection in network evolution. <i>Physics Procedia</i> , 2010, 3, 1795-1799.	1.2	2
13	Fitness-driven deactivation in network evolution. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2010, 2010, P12020.	2.3	2
14	Community Detection with Self-Adapting Switching Based on Affinity. <i>Complexity</i> , 2019, 2019, 1-16.	1.6	0
15	Preferential attachment network model with aging and initial attractiveness. <i>Communications in Theoretical Physics</i> , 2022, 74, 035603.	2.5	0