

Chi Ho Yeung

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.

46
papers

1,439
citations

13
h-index

37
g-index

50
ext. papers

1,683
ext. citations

3.4
avg, IF

4.58
L-index

#	Paper	IF	Citations
46	Recommender systems. <i>Physics Reports</i> , 2012 , 519, 1-49	27.7	630
45	Leaders in social networks, the Delicious case. <i>PLoS ONE</i> , 2011 , 6, e21202	3.7	409
44	Recovery of infrastructure networks after localised attacks. <i>Scientific Reports</i> , 2016 , 6, 24522	4.9	45
43	From the physics of interacting polymers to optimizing routes on the London Underground. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 13717-22	11.5	37
42	The reinforcing influence of recommendations on global diversification. <i>Europhysics Letters</i> , 2012 , 97, 18005	1.6	31
41	Enhancing synchronization by directionality in complex networks. <i>Physical Review E</i> , 2011 , 83, 045101	2.4	25
40	Competition for shortest paths on sparse graphs. <i>Physical Review Letters</i> , 2012 , 108, 208701	7.4	21
39	Heterogenous human dynamics in intra- and inter-day time scales. <i>Europhysics Letters</i> , 2011 , 94, 18005	1.6	19
38	Empirical Studies on the Network of Social Groups: The Case of Tencent QQ. <i>PLoS ONE</i> , 2015 , 10, e0130538	3.7	17
37	Models of financial markets with extensive participation incentives. <i>Physical Review E</i> , 2008 , 77, 026107	2.4	17
36	Heterogenous scaling in the inter-event time of on-line bookmarking. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2011 , 390, 2395-2400	3.3	15
35	Effective spreading from multiple leaders identified by percolation in the susceptible-infected-recovered (SIR) model. <i>New Journal of Physics</i> , 2017 , 19, 073020	2.9	14
34	A general and effective diffusion-based recommendation scheme on coupled social networks. <i>Information Sciences</i> , 2017 , 417, 420-434	7.7	13
33	Networking – statistical physics perspective. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2013 , 46, 103001	2	12
32	Tracing the evolution of physics on the backbone of citation networks. <i>Physical Review E</i> , 2011 , 84, 046104	4.4	12
31	How to quantify the influence of correlations on investment diversification. <i>International Review of Financial Analysis</i> , 2009 , 18, 34-39	6.7	12
30	Modeling mutual feedback between users and recommender systems. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2015 , 2015, P07020	1.9	11

29	University halls plastics recycling: a blended intervention study. <i>International Journal of Sustainability in Higher Education</i> , 2018 , 19, 1038-1052	3.9	11
28	Shortest node-disjoint paths on random graphs. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2014 , 2014, P07009	1.9	9
27	Phase transitions in transportation networks with nonlinearities. <i>Physical Review E</i> , 2009 , 80, 021102	2.4	8
26	Optimal resource allocation in random networks with transportation bandwidths. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2009 , 2009, P03029	1.9	8
25	Dynamics of movie competition and popularity spreading in recommender systems. <i>Physical Review E</i> , 2011 , 83, 016105	2.4	7
24	Self-organization in social tagging systems. <i>Physical Review E</i> , 2011 , 83, 066104	2.4	6
23	Predicting the future trend of popularity by network diffusion. <i>Chaos</i> , 2016 , 26, 063102	3.3	5
22	Do recommender systems benefit users? a modeling approach. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2016 , 2016, 043401	1.9	5
21	Self-sustained clusters and ergodicity breaking in spin models. <i>Physical Review E</i> , 2013 , 88, 032132	2.4	4
20	Evolving power grids with self-organized intermittent strain releases: An analogy with sandpile models and earthquakes. <i>Physical Review E</i> , 2017 , 96, 052312	2.4	4
19	Coordinating dynamical routes with statistical physics on space-time networks. <i>Physical Review E</i> , 2019 , 99, 042123	2.4	3
18	Coverage versus supply cost in facility location: physics of frustrated spin systems. <i>Physical Review E</i> , 2014 , 89, 062805	2.4	3
17	Optimal location of sources in transportation networks. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2010 , 2010, P04017	1.9	3
16	Self-organization of balanced nodes in random networks with transportation bandwidths. <i>European Physical Journal B</i> , 2010 , 74, 227-233	1.2	3
15	The impact of common neighbor algorithm on individual friend choices and online social networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021 , 566, 125670	3.3	3
14	Entropy Inflection and Invisible Low-Energy States: Defensive Alliance Example. <i>Physical Review Letters</i> , 2018 , 121, 210602	7.4	3
13	Self-sustained clusters as drivers of computational hardness in p-spin models. <i>Physical Review B</i> , 2017 , 96,	3.3	2
12	Temporal effects of agent aggregation in the dynamics of a competing population. <i>Europhysics Letters</i> , 2006 , 75, 357-363	1.6	2

11	Futility of being selfish in optimized traffic. <i>Physical Review E</i> , 2021 , 103, 022306	2.4	2
10	Slow spin dynamics and self-sustained clusters in sparsely connected systems. <i>Physical Review E</i> , 2018 , 97, 062154	2.4	2
9	Distributed Optimization in Transportation and Logistics Networks. <i>IEICE Transactions on Communications</i> , 2016 , E99.B, 2237-2246	0.5	1
8	Global benefit of randomness in individual routing on transportation networks. <i>Physical Review E</i> , 2019 , 100, 012311	2.4	1
7	Physics-inspired methods for networking and communications 2014 , 52, 144-151		1
6	Study of market model describing the contrary behaviors of informed and uninformed agents: Being minority and being majority. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016 , 450, 486-496 ^{2,3}		1
5	Scalable node-disjoint and edge-disjoint multiwavelength routing.. <i>Physical Review E</i> , 2022 , 105, 044316	2.4	1
4	Optimally coordinated traffic diversion by statistical physics. <i>Physical Review E</i> , 2021 , 104, 024311	2.4	0
3	Clusters of resource consuming nodes in transportation networks. <i>Journal of Physics: Conference Series</i> , 2010 , 233, 012009	0.3	
2	EPOCH LIFETIMES IN THE DYNAMICS OF A COMPETING POPULATION. <i>International Journal of Modern Physics B</i> , 2007 , 21, 4048-4053	1.1	
1	Self-organized Balanced Resources in Random Networks with Transportation Bandwidths. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2009 , 806-818	0.2	