Chi Ho Yeung

List of Publications by Year
in descending order

50	1,893	566801	253896
papers	citations	15	43
		h-index	g-index

50	50	50	1562
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Recommender systems. Physics Reports, 2012, 519, 1-49.	10.3	814
2	Leaders in Social Networks, the Delicious Case. PLoS ONE, 2011, 6, e21202.	1.1	545
3	Recovery of infrastructure networks after localised attacks. Scientific Reports, 2016, 6, 24522.	1.6	58
4	From the physics of interacting polymers to optimizing routes on the London Underground. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13717-13722.	3.3	51
5	The reinforcing influence of recommendations on global diversification. Europhysics Letters, 2012, 97, 18005.	0.7	32
6	Enhancing synchronization by directionality in complex networks. Physical Review E, 2011, 83, 045101.	0.8	30
7	Competition for Shortest Paths on Sparse Graphs. Physical Review Letters, 2012, 108, 208701.	2.9	28
8	Models of financial markets with extensive participation incentives. Physical Review E, 2008, 77, 026107.	0.8	23
9	Heterogenous human dynamics in intra- and inter-day time scales. Europhysics Letters, 2011, 94, 18005.	0.7	23
10	Empirical Studies on the Network of Social Groups: The Case of Tencent QQ. PLoS ONE, 2015, 10, e0130538.	1.1	21
11	A general and effective diffusion-based recommendation scheme on coupled social networks. Information Sciences, 2017, 417, 420-434.	4.0	20
12	University halls plastics recycling: a blended intervention study. International Journal of Sustainability in Higher Education, 2018, 19, 1038-1052.	1.6	18
13	Networking—a statistical physics perspective. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 103001.	0.7	17
14	Effective spreading from multiple leaders identified by percolation in the susceptible-infected-recovered (SIR) model. New Journal of Physics, 2017, 19, 073020.	1.2	17
15	Heterogenous scaling in the inter-event time of on-line bookmarking. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 2395-2400.	1.2	16
16	Shortest node-disjoint paths on random graphs. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P07009.	0.9	16
17	How to quantify the influence of correlations on investment diversification. International Review of Financial Analysis, 2009, 18, 34-39.	3.1	15
18	Tracing the evolution of physics on the backbone of citation networks. Physical Review E, 2011, 84, 046104.	0.8	15

#	Article	IF	Citations
19	Modeling mutual feedback between users and recommender systems. Journal of Statistical Mechanics: Theory and Experiment, 2015, 2015, P07020.	0.9	13
20	Dynamics of movie competition and popularity spreading in recommender systems. Physical Review E, 2011, 83, 016105.	0.8	10
21	Self-organization in social tagging systems. Physical Review E, 2011, 83, 066104.	0.8	10
22	Phase transitions in transportation networks with nonlinearities. Physical Review E, 2009, 80, 021102.	0.8	8
23	Optimal resource allocation in random networks with transportation bandwidths. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, P03029.	0.9	8
24	Predicting the future trend of popularity by network diffusion. Chaos, 2016, 26, 063102.	1.0	6
25	Do recommender systems benefit users? a modeling approach. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 043401.	0.9	6
26	Evolving power grids with self-organized intermittent strain releases: An analogy with sandpile models and earthquakes. Physical Review E, 2017, 96, 052312.	0.8	6
27	Entropy Inflection and Invisible Low-Energy States: Defensive Alliance Example. Physical Review Letters, 2018, 121, 210602.	2.9	6
28	Futility of being selfish in optimized traffic. Physical Review E, 2021, 103, 022306.	0.8	6
29	Optimal location of sources in transportation networks. Journal of Statistical Mechanics: Theory and Experiment, 2010, 2010, P04017.	0.9	5
30	Physics-inspired methods for networking and communications. , 2014, 52, 144-151.		5
31	Coordinating dynamical routes with statistical physics on space-time networks. Physical Review E, 2019, 99, 042123.	0.8	5
32	The impact of common neighbor algorithm on individual friend choices and online social networks. Physica A: Statistical Mechanics and Its Applications, 2021, 566, 125670.	1.2	5
33	Self-sustained clusters and ergodicity breaking in spin models. Physical Review E, 2013, 88, 032132.	0.8	4
34	Coverage versus supply cost in facility location: Physics of frustrated spin systems. Physical Review E, 2014, 89, 062805.	0.8	4
35	Global benefit of randomness in individual routing on transportation networks. Physical Review E, 2019, 100, 012311.	0.8	4
36	Scalable node-disjoint and edge-disjoint multiwavelength routing. Physical Review E, 2022, 105, 044316.	0.8	4

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37	Self-organization of balanced nodes in random networks with transportation bandwidths. European Physical Journal B, 2010, 74, 227-233.	0.6	3
38	Self-sustained clusters as drivers of computational hardness in p -spin models. Physical Review B, 2017, 96, .	1.1	3
39	Adaptive strategies for route selection en-route in transportation networks. Chinese Journal of Physics, 2022, 77, 712-720.	2.0	3
40	Temporal effects of agent aggregation in the dynamics of a competing population. Europhysics Letters, 2006, 75, 357-363.	0.7	2
41	Distributed Optimization in Transportation and Logistics Networks. IEICE Transactions on Communications, 2016, E99.B, 2237-2246.	0.4	2
42	Slow spin dynamics and self-sustained clusters in sparsely connected systems. Physical Review E, 2018, 97, 062154.	0.8	2
43	Optimally coordinated traffic diversion by statistical physics. Physical Review E, 2021, 104, 024311.	0.8	2
44	Study of market model describing the contrary behaviors of informed and uninformed agents: Being minority and being majority. Physica A: Statistical Mechanics and Its Applications, 2016, 450, 486-496.	1.2	1
45	Minority Games. , 2012, , 1863-1879.		1
46	EPOCH LIFETIMES IN THE DYNAMICS OF A COMPETING POPULATION. International Journal of Modern Physics B, 2007, 21, 4048-4053.	1.0	0
47	Clusters of resource consuming nodes in transportation networks. Journal of Physics: Conference Series, 2010, 233, 012009.	0.3	0
48	Efficient algorithm for routing optimization via statistical mechanics. , 2013, , .		0
49	Stable Aggregates in the Dynamics of a Competing Population. Journal of the Korean Physical Society, 2007, 50, 196.	0.3	0
50	Self-organized Balanced Resources in Random Networks with Transportation Bandwidths. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 806-818.	0.2	0