

# Chi Ho Yeung

## List of Publications by Year in Descending Order

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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	Scalable node-disjoint and edge-disjoint multiwavelength routing.. <i>Physical Review E</i> , <b>2022</b> , 105, 044316	2.4	1
45	The impact of common neighbor algorithm on individual friend choices and online social networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2021</b> , 566, 125670	3.3	3
44	Futility of being selfish in optimized traffic. <i>Physical Review E</i> , <b>2021</b> , 103, 022306	2.4	2
43	Optimally coordinated traffic diversion by statistical physics. <i>Physical Review E</i> , <b>2021</b> , 104, 024311	2.4	0
42	Coordinating dynamical routes with statistical physics on space-time networks. <i>Physical Review E</i> , <b>2019</b> , 99, 042123	2.4	3
41	Global benefit of randomness in individual routing on transportation networks. <i>Physical Review E</i> , <b>2019</b> , 100, 012311	2.4	1
40	Entropy Inflection and Invisible Low-Energy States: Defensive Alliance Example. <i>Physical Review Letters</i> , <b>2018</b> , 121, 210602	7.4	3
39	University halls plastics recycling: a blended intervention study. <i>International Journal of Sustainability in Higher Education</i> , <b>2018</b> , 19, 1038-1052	3.9	11
38	Slow spin dynamics and self-sustained clusters in sparsely connected systems. <i>Physical Review E</i> , <b>2018</b> , 97, 062154	2.4	2
37	Self-sustained clusters as drivers of computational hardness in p-spin models. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	2
36	A general and effective diffusion-based recommendation scheme on coupled social networks. <i>Information Sciences</i> , <b>2017</b> , 417, 420-434	7.7	13
35	Effective spreading from multiple leaders identified by percolation in the susceptible-infected-recovered (SIR) model. <i>New Journal of Physics</i> , <b>2017</b> , 19, 073020	2.9	14
34	Evolving power grids with self-organized intermittent strain releases: An analogy with sandpile models and earthquakes. <i>Physical Review E</i> , <b>2017</b> , 96, 052312	2.4	4
33	Distributed Optimization in Transportation and Logistics Networks. <i>IEICE Transactions on Communications</i> , <b>2016</b> , E99.B, 2237-2246	0.5	1
32	Recovery of infrastructure networks after localised attacks. <i>Scientific Reports</i> , <b>2016</b> , 6, 24522	4.9	45
31	Predicting the future trend of popularity by network diffusion. <i>Chaos</i> , <b>2016</b> , 26, 063102	3.3	5
30	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> , <b>2016</b> , 450, 486-496	2.3	1

29	Do recommender systems benefit users? a modeling approach. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , <b>2016</b> , 2016, 043401	1.9	5
28	Modeling mutual feedback between users and recommender systems. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , <b>2015</b> , 2015, P07020	1.9	11
27	Empirical Studies on the Network of Social Groups: The Case of Tencent QQ. <i>PLoS ONE</i> , <b>2015</b> , 10, e0130538	3.7	17
26	Shortest node-disjoint paths on random graphs. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , <b>2014</b> , 2014, P07009	1.9	9
25	Physics-inspired methods for networking and communications <b>2014</b> , 52, 144-151		1
24	Coverage versus supply cost in facility location: physics of frustrated spin systems. <i>Physical Review E</i> , <b>2014</b> , 89, 062805	2.4	3
23	Self-sustained clusters and ergodicity breaking in spin models. <i>Physical Review E</i> , <b>2013</b> , 88, 032132	2.4	4
22	Networking – statistical physics perspective. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2013</b> , 46, 103001	2	12
21	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> , <b>2013</b> , 110, 13717-22	11.5	37
20	Recommender systems. <i>Physics Reports</i> , <b>2012</b> , 519, 1-49	27.7	630
19	The reinforcing influence of recommendations on global diversification. <i>Europhysics Letters</i> , <b>2012</b> , 97, 18005	1.6	31
18	Competition for shortest paths on sparse graphs. <i>Physical Review Letters</i> , <b>2012</b> , 108, 208701	7.4	21
17	Enhancing synchronization by directionality in complex networks. <i>Physical Review E</i> , <b>2011</b> , 83, 045101	2.4	25
16	Heterogenous scaling in the inter-event time of on-line bookmarking. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2011</b> , 390, 2395-2400	3.3	15
15	Tracing the evolution of physics on the backbone of citation networks. <i>Physical Review E</i> , <b>2011</b> , 84, 046104	10.4	12
14	Dynamics of movie competition and popularity spreading in recommender systems. <i>Physical Review E</i> , <b>2011</b> , 83, 016105	2.4	7
13	Self-organization in social tagging systems. <i>Physical Review E</i> , <b>2011</b> , 83, 066104	2.4	6
12	Heterogenous human dynamics in intra- and inter-day time scales. <i>Europhysics Letters</i> , <b>2011</b> , 94, 18005	1.6	19

11	Leaders in social networks, the Delicious case. <i>PLoS ONE</i> , <b>2011</b> , 6, e21202	3.7	409
10	Optimal location of sources in transportation networks. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , <b>2010</b> , 2010, P04017	1.9	3
9	Clusters of resource consuming nodes in transportation networks. <i>Journal of Physics: Conference Series</i> , <b>2010</b> , 233, 012009	0.3	
8	Self-organization of balanced nodes in random networks with transportation bandwidths. <i>European Physical Journal B</i> , <b>2010</b> , 74, 227-233	1.2	3
7	Phase transitions in transportation networks with nonlinearities. <i>Physical Review E</i> , <b>2009</b> , 80, 021102	2.4	8
6	Optimal resource allocation in random networks with transportation bandwidths. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , <b>2009</b> , 2009, P03029	1.9	8
5	How to quantify the influence of correlations on investment diversification. <i>International Review of Financial Analysis</i> , <b>2009</b> , 18, 34-39	6.7	12
4	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> , <b>2009</b> , 806-818	0.2	
3	Models of financial markets with extensive participation incentives. <i>Physical Review E</i> , <b>2008</b> , 77, 026107	2.4	17
2	EPOCH LIFETIMES IN THE DYNAMICS OF A COMPETING POPULATION. <i>International Journal of Modern Physics B</i> , <b>2007</b> , 21, 4048-4053	1.1	
1	Temporal effects of agent aggregation in the dynamics of a competing population. <i>Europhysics Letters</i> , <b>2006</b> , 75, 357-363	1.6	2