

# William K Cheung

## 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.

27  
papers

176  
citations

8  
h-index

11  
g-index

37  
ext. papers

261  
ext. citations

4.3  
avg, IF

2.88  
L-index

#	Paper	IF	Citations
27	A review of computational tools for generating metagenome-assembled genomes from metagenomic sequencing data.. <i>Computational and Structural Biotechnology Journal</i> , <b>2021</b> , 19, 6301-6314	6.8	8
26	DeepDRIM: a deep neural network to reconstruct cell-type-specific gene regulatory network using single-cell RNA-seq data. <i>Briefings in Bioinformatics</i> , <b>2021</b> , 22,	13.4	4
25	Context-Aware Time Series Imputation for Multi-Analyte Clinical Data.. <i>Journal of Healthcare Informatics Research</i> , <b>2020</b> , 4, 411-426	4	0
24	Structural Representation Learning for User Alignment Across Social Networks. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2019</b> , 1-1	4.2	4
23	Generating Synthetic Graphs for Large Sensitive and Correlated Social Networks <b>2019</b> ,		2
22	An Environmental-adaptive Wi-Fi Localization Approach with Low Start-up Cost for the Exhibition Industry <b>2019</b> ,		1
21	Medical Concept Embedding with Multiple Ontological Representations <b>2019</b> ,		9
20	A heterogeneous hidden Markov model for mobile app recommendation. <i>Knowledge and Information Systems</i> , <b>2018</b> , 57, 207-228	2.4	4
19	Fast Setup and Robust WiFi Localization for the Exhibition Industry <b>2018</b> ,		2
18	Learning Deep Unsupervised Binary Codes for Image Retrieval <b>2018</b> ,		5
17	Joint Learning of Phenotypes and Diagnosis-Medication Correspondence via Hidden Interaction Tensor Factorization <b>2018</b> ,		2
16	Mining from distributed and abstracted data. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , <b>2016</b> , 6, 167-176	6.9	4
15	Detecting multiple stochastic network motifs in network data. <i>Knowledge and Information Systems</i> , <b>2015</b> , 42, 49-74	2.4	7
14	The Author-Topic-Community model for author interest profiling and community discovery. <i>Knowledge and Information Systems</i> , <b>2015</b> , 44, 359-383	2.4	24
13	Inferring epidemic network topology from surveillance data. <i>PLoS ONE</i> , <b>2014</b> , 9, e100661	3.7	10
12	Learning to improve medical decision making from imbalanced data without a priori cost. <i>BMC Medical Informatics and Decision Making</i> , <b>2014</b> , 14, 111	3.6	14
11	Incorporating Structural Diversity of Neighbors in a Diffusion Model for Social Networks <b>2013</b> ,		4

10	Stochastic Network Motif Detection in Social Media <b>2011</b> ,		5
9	Coauthor Network Topic Models with Application to Expert Finding <b>2010</b> ,		7
8	A multi-agent resource allocation framework for patient journey shortening <b>2010</b> ,		1
7	Web-based essay critiquing system and EFL students' writing: a quantitative and qualitative investigation. <i>Computer Assisted Language Learning</i> , <b>2009</b> , 22, 57-72	2.9	24
6	Learning element similarity matrix for semi-structured document analysis. <i>Knowledge and Information Systems</i> , <b>2009</b> , 19, 53-78	2.4	12
5	Multirelational Topic Models <b>2009</b> ,		10
4	Scalable and Privacy Preserving Distributed Data Analysis Over a Service-Oriented Platform <b>2009</b> , 105-118		
3	Online Discussion Participation Prediction Using Non-negative Matrix Factorization <b>2007</b> ,		4
2	A Game Theoretic Approach to Active Distributed Data Mining <b>2007</b> ,		2
1	ON KNOWLEDGE GRID AND GRID INTELLIGENCE: A SURVEY. <i>Computational Intelligence</i> , <b>2005</b> , 21, 111-129		5