

Benjamin C M Fung

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.

116
papers

5,143
citations

37
h-index

70
g-index

124
ext. papers

6,229
ext. citations

3.9
avg, IF

6.13
L-index

#	Paper	IF	Citations
116	Trade-off between accuracy and fairness of data-driven building and indoor environment models: A comparative study of pre-processing methods. <i>Energy</i> , 2022 , 239, 122273	7.9	1
115	A Data Mining Analysis of Cross-Regional Study of Apparel Consumption. <i>Lecture Notes in Networks and Systems</i> , 2022 , 23-32	0.5	
114	Distinguishing between fake news and satire with transformers. <i>Expert Systems With Applications</i> , 2022 , 187, 115824	7.8	2
113	A Novel Neural Network-Based Malware Severity Classification System. <i>Communications in Computer and Information Science</i> , 2022 , 218-232	0.3	
112	Automatic Fall Risk Detection Based on Imbalanced Data. <i>IEEE Access</i> , 2021 , 9, 163594-163611	3.5	0
111	Season-Based Occupancy Prediction in Residential Buildings Using Machine Learning Models. <i>E-Prime</i> , 2021 , 100003		3
110	Factors influencing consumer choice: a study of apparel and sustainable cues from Canadian and Indian consumers perspectives. <i>International Journal of Fashion Design, Technology and Education</i> , 2021 , 14, 151-161	1.1	1
109	Detecting High-Engaging Breaking News Rumors in Social Media. <i>ACM Transactions on Management Information Systems</i> , 2021 , 12, 1-16	2	0
108	Malware classification and composition analysis: A survey of recent developments. <i>Journal of Information Security and Applications</i> , 2021 , 59, 102828	3.5	10
107	Enabling Secure Trustworthiness Assessment and Privacy Protection in Integrating Data for Trading Person-Specific Information. <i>IEEE Transactions on Engineering Management</i> , 2021 , 68, 149-169	2.6	1
106	Differentially private data publishing for arbitrarily partitioned data. <i>Information Sciences</i> , 2021 , 553, 247-265	7.7	1
105	I-MAD: Interpretable malware detector using Galaxy Transformer. <i>Computers and Security</i> , 2021 , 108, 102371	4.9	7
104	Toward Tweet-Mining Framework for Extracting Terrorist Attack-Related Information and Reporting. <i>IEEE Access</i> , 2021 , 9, 115535-115547	3.5	5
103	A review of the-state-of-the-art in data-driven approaches for building energy prediction. <i>Energy and Buildings</i> , 2020 , 221, 110022	7	78
102	Young Chinese Consumers Choice between Product-Related and Sustainable Cues The Effects of Gender Differences and Consumer Innovativeness. <i>Sustainability</i> , 2020 , 12, 3818	3.6	14
101	Authorship Attribution Using Customized Associative Classification. <i>International Series on Computer Entertainment and Media Technology</i> , 2020 , 105-120	0.3	1
100	Writeprint Mining For Authorship Attribution. <i>International Series on Computer Entertainment and Media Technology</i> , 2020 , 57-74	0.3	

99	Messaging Forensics In Perspective. <i>International Series on Computer Entertainment and Media Technology</i> , 2020 , 23-36	0.3	
98	Authorship Attribution With Few Training Samples. <i>International Series on Computer Entertainment and Media Technology</i> , 2020 , 75-87	0.3	
97	Heterogeneous data release for cluster analysis with differential privacy. <i>Knowledge-Based Systems</i> , 2020 , 201-202, 106047	7.3	5
96	Systematic approach to provide building occupants with feedback to reduce energy consumption. <i>Energy</i> , 2020 , 194, 116813	7.9	32
95	Machine Learning for Authorship Attribution and Cyber Forensics. <i>International Series on Computer Entertainment and Media Technology</i> , 2020 ,	0.3	2
94	Detecting breaking news rumors of emerging topics in social media. <i>Information Processing and Management</i> , 2020 , 57, 102018	6.3	68
93	SecDM: privacy-preserving data outsourcing framework with differential privacy. <i>Knowledge and Information Systems</i> , 2020 , 62, 1923-1960	2.4	4
92	A cross-national study of young female consumer behaviour, innovativeness and apparel evaluation: China and India. <i>Journal of the Textile Institute</i> , 2020 , 111, 334-344	1.5	3
91	Wordnet-Based Criminal Networks Mining for Cybercrime Investigation. <i>IEEE Access</i> , 2019 , 7, 22740-22755	5.5	18
90	Learning Phenotypes and Dynamic Patient Representations via RNN Regularized Collective Non-Negative Tensor Factorization. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2019 , 33, 1246-1253	5	7
89	A Hybrid Framework for Sentiment Analysis Using Genetic Algorithm Based Feature Reduction. <i>IEEE Access</i> , 2019 , 7, 14637-14652	3.5	39
88	. <i>IEEE Access</i> , 2019 , 7, 15955-15966	3.5	7
87	Asm2Vec: Boosting Static Representation Robustness for Binary Clone Search against Code Obfuscation and Compiler Optimization 2019 ,		59
86	Incremental Mining of High Utility Patterns in One Phase by Absence and Legacy-Based Pruning. <i>IEEE Access</i> , 2019 , 7, 74168-74180	3.5	6
85	Medical Concept Embedding with Multiple Ontological Representations 2019 ,		9
84	Arabic Authorship Attribution. <i>ACM Transactions on Asian and Low-Resource Language Information Processing</i> , 2019 , 18, 1-51	1.1	7
83	Development of a ranking procedure for energy performance evaluation of buildings based on occupant behavior. <i>Energy and Buildings</i> , 2019 , 183, 659-671	7	25
82	Learning Stylometric Representations for Authorship Analysis. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 107-121	10.2	37

81	Security and privacy challenges in smart cities. <i>Sustainable Cities and Society</i> , 2018 , 39, 499-507	10.1	139
80	Opportunistic mining of top-n high utility patterns. <i>Information Sciences</i> , 2018 , 441, 171-186	7.7	8
79	Differentially private multidimensional data publishing. <i>Knowledge and Information Systems</i> , 2018 , 56, 717-752	2.4	7
78	A study of apparel consumer behaviour in China and Taiwan. <i>International Journal of Fashion Design, Technology and Education</i> , 2018 , 11, 22-33	1.1	7
77	SafePath: Differentially-private publishing of passenger trajectories in transportation systems. <i>Computer Networks</i> , 2018 , 143, 126-139	5.4	16
76	Development of building energy saving advisory: A data mining approach. <i>Energy and Buildings</i> , 2018 , 172, 139-151	7	49
75	Joint Learning of Phenotypes and Diagnosis-Medication Correspondence via Hidden Interaction Tensor Factorization 2018 ,		2
74	Improving interpretations of topic modeling in microblogs. <i>Journal of the Association for Information Science and Technology</i> , 2018 , 69, 528-540	2.7	5
73	Investigating the relation between lexical smells and change- and fault-proneness: an empirical study. <i>Software Quality Journal</i> , 2017 , 25, 641-670	1.2	8
72	A cross-national study of apparel consumer preferences and the role of product-evaluative cues. <i>Asia Pacific Journal of Marketing and Logistics</i> , 2017 , 29, 796-812	3.2	17
71	Revealing determinant factors for early breast cancer recurrence by decision tree. <i>Information Systems Frontiers</i> , 2017 , 19, 1233-1241	4	9
70	Exploring the Meanings of Hijab through Online Comments in Canada. <i>Journal of Intercultural Communication Research</i> , 2016 , 45, 214-232	0.5	7
69	Advances and challenges in building engineering and data mining applications for energy-efficient communities. <i>Sustainable Cities and Society</i> , 2016 , 25, 33-38	10.1	75
68	Privacy-preserving data mashup model for trading person-specific information. <i>Electronic Commerce Research and Applications</i> , 2016 , 17, 19-37	4.6	10
67	Mining High Utility Patterns in One Phase without Generating Candidates. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2016 , 28, 1245-1257	4.2	71
66	Kam1n0 2016 ,		19
65	Scalable code clone search for malware analysis. <i>Digital Investigation</i> , 2015 , 15, 46-60	3.3	12
64	Secure Outsourced Frequent Pattern Mining by Fully Homomorphic Encryption. <i>Lecture Notes in Computer Science</i> , 2015 , 70-81	0.9	8

63	Parallel Eclat for Opportunistic Mining of Frequent Itemsets. <i>Lecture Notes in Computer Science</i> , 2015 , 401-415	0.9	9
62	A Visualizable Evidence-Driven Approach for Authorship Attribution. <i>ACM Transactions on Information and System Security</i> , 2015 , 17, 1-30		20
61	Product customization of tablet computers based on the information of online reviews by customers. <i>Journal of Intelligent Manufacturing</i> , 2015 , 26, 97-110	6.7	23
60	Anonymizing Social Network Data for Maximal Frequent-Sharing Pattern Mining. <i>Lecture Notes in Social Networks</i> , 2015 , 77-100	0.6	1
59	Fusion: Privacy-Preserving Distributed Protocol for High-Dimensional Data Mashup 2015 ,		4
58	E-mail authorship attribution using customized associative classification. <i>Digital Investigation</i> , 2015 , 14, S116-S126	3.3	23
57	Analyzing topics and authors in chat logs for crime investigation. <i>Knowledge and Information Systems</i> , 2014 , 39, 351-381	2.4	10
56	Secure Two-Party Differentially Private Data Release for Vertically Partitioned Data. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2014 , 11, 59-71	3.9	38
55	BinClone: Detecting Code Clones in Malware 2014 ,		22
54	Privacy-preserving trajectory stream publishing. <i>Data and Knowledge Engineering</i> , 2014 , 94, 89-109	1.5	37
53	Quantifying the costs and benefits of privacy-preserving health data publishing. <i>Journal of Biomedical Informatics</i> , 2014 , 50, 107-21	10.2	24
52	Anonymizing trajectory data for passenger flow analysis. <i>Transportation Research Part C: Emerging Technologies</i> , 2014 , 39, 63-79	8.4	39
51	\$m\$ -Privacy for Collaborative Data Publishing. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2014 , 26, 2520-2533	4.2	26
50	D-Mash: A Framework for Privacy-Preserving Data-as-a-Service Mashups 2014 ,		6
49	Using data mining to analyse fashion consumers' preferences from a cross-national perspective. <i>International Journal of Fashion Design, Technology and Education</i> , 2014 , 7, 42-49	1.1	3
48	Correlated network data publication via differential privacy. <i>VLDB Journal</i> , 2014 , 23, 653-676	3.9	98
47	A unified data mining solution for authorship analysis in anonymous textual communications. <i>Information Sciences</i> , 2013 , 231, 98-112	7.7	60
46	Privacy-preserving trajectory data publishing by local suppression. <i>Information Sciences</i> , 2013 , 231, 83-97	7.7	140

45	Extracting knowledge from building-related data [A data mining framework. <i>Building Simulation</i> , 2013 , 6, 207-222	3.9	53
44	Subject-based semantic document clustering for digital forensic investigations. <i>Data and Knowledge Engineering</i> , 2013 , 86, 224-241	1.5	12
43	Preserving privacy and frequent sharing patterns for social network data publishing 2013 ,		4
42	Privacy-preserving heterogeneous health data sharing. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013 , 20, 462-9	8.6	30
41	Mining criminal networks from unstructured text documents. <i>Digital Investigation</i> , 2012 , 8, 147-160	3.3	41
40	A novel methodology for knowledge discovery through mining associations between building operational data. <i>Energy and Buildings</i> , 2012 , 47, 430-440	7	91
39	Service-Oriented Architecture for High-Dimensional Private Data Mashup. <i>IEEE Transactions on Services Computing</i> , 2012 , 5, 373-386	4.8	32
38	Frequent grams based embedding for privacy preserving record linkage 2012 ,		15
37	Differentially private transit data publication 2012 ,		119
36	Mining Criminal Networks from Chat Log 2012 ,		11
35	Direct Discovery of High Utility Itemsets without Candidate Generation 2012 ,		94
34	Secure Distributed Framework for Achieving [Differential Privacy. <i>Lecture Notes in Computer Science</i> , 2012 , 120-139	0.9	17
33	A methodology for identifying and improving occupant behavior in residential buildings. <i>Energy</i> , 2011 , 36, 6596-6608	7.9	76
32	Anonymity meets game theory: secure data integration with malicious participants. <i>VLDB Journal</i> , 2011 , 20, 567-588	3.9	35
31	Service-oriented architecture for sharing private spatial-temporal data 2011 ,		2
30	A systematic procedure to study the influence of occupant behavior on building energy consumption. <i>Energy and Buildings</i> , 2011 , 43, 1409-1417	7	371
29	Towards discovering criminal communities from textual data 2011 ,		12
28	Differentially private data release for data mining 2011 ,		170

27	m-Privacy for Collaborative Data Publishing 2011 ,		11
26	Publishing set-valued data via differential privacy. <i>Proceedings of the VLDB Endowment</i> , 2011 , 4, 1087-1098		85
25	Centralized and Distributed Anonymization for High-Dimensional Healthcare Data. <i>ACM Transactions on Knowledge Discovery From Data</i> , 2010 , 4, 1-33	4	63
24	e-mail authorship verification for forensic investigation 2010 ,		30
23	Anonymizing data with quasi-sensitive attribute values 2010 ,		9
22	Privacy-preserving data publishing. <i>ACM Computing Surveys</i> , 2010 , 42, 1-53	13.4	867
21	A decision tree method for building energy demand modeling. <i>Energy and Buildings</i> , 2010 , 42, 1637-1646		337
20	Mining writeprints from anonymous e-mails for forensic investigation. <i>Digital Investigation</i> , 2010 , 7, 56-64	3	78
19	Privacy-preserving data mashup 2009 ,		26
18	Privacy protection for RFID data 2009 ,		17
17	Walking in the crowd 2009 ,		43
16	Anonymizing healthcare data 2009 ,		53
15	Privacy-preserving data publishing for cluster analysis. <i>Data and Knowledge Engineering</i> , 2009 , 68, 552-575		40
14	Using RFID tags to improve pilgrimage management 2009 ,		5
13	Preserving RFID data privacy 2009 ,		8
12	Service-Oriented Architecture for Privacy-Preserving Data Mashup 2009 ,		7
11	An Efficient Hybrid Hierarchical Document Clustering Method 2008 ,		3
10	Publishing Sensitive Transactions for Itemset Utility 2008 ,		27

9	Anonymity for continuous data publishing 2008 ,		45
8	A framework for privacy-preserving cluster analysis 2008 ,		5
7	A novel approach of mining write-prints for authorship attribution in e-mail forensics. <i>Digital Investigation</i> , 2008 , 5, S42-S51	3.3	71
6	Handicapping attacker's confidence: an alternative to k-anonymization. <i>Knowledge and Information Systems</i> , 2007 , 11, 345-368	2.4	87
5	Anonymizing Classification Data for Privacy Preservation. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2007 , 19, 711-725	4.2	192
4	Anonymizing sequential releases 2006 ,		123
3	Integrating Private Databases for Data Analysis. <i>Lecture Notes in Computer Science</i> , 2005 , 171-182	0.9	18
2	Hierarchical Document Clustering Using Frequent Itemsets 2003 ,		183
1	Mining known attack patterns from security-related events. <i>PeerJ Computer Science</i> , 1, e25	2.7	11