

Benjamin C M Fung

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.

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 | Privacy-preserving data publishing. <i>ACM Computing Surveys</i> , 2010 , 42, 1-53 | 13.4 | 867 |
| 115 | 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 |
| 114 | A decision tree method for building energy demand modeling. <i>Energy and Buildings</i> , 2010 , 42, 1637-1646 | | 337 |
| 113 | Anonymizing Classification Data for Privacy Preservation. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2007 , 19, 711-725 | 4.2 | 192 |
| 112 | Hierarchical Document Clustering Using Frequent Itemsets 2003 , | | 183 |
| 111 | Differentially private data release for data mining 2011 , | | 170 |
| 110 | Privacy-preserving trajectory data publishing by local suppression. <i>Information Sciences</i> , 2013 , 231, 83-97 | 7.7 | 140 |
| 109 | Security and privacy challenges in smart cities. <i>Sustainable Cities and Society</i> , 2018 , 39, 499-507 | 10.1 | 139 |
| 108 | Anonymizing sequential releases 2006 , | | 123 |
| 107 | Differentially private transit data publication 2012 , | | 119 |
| 106 | Correlated network data publication via differential privacy. <i>VLDB Journal</i> , 2014 , 23, 653-676 | 3.9 | 98 |
| 105 | Direct Discovery of High Utility Itemsets without Candidate Generation 2012 , | | 94 |
| 104 | A novel methodology for knowledge discovery through mining associations between building operational data. <i>Energy and Buildings</i> , 2012 , 47, 430-440 | 7 | 91 |
| 103 | Handicapping attacker's confidence: an alternative to k-anonymization. <i>Knowledge and Information Systems</i> , 2007 , 11, 345-368 | 2.4 | 87 |
| 102 | Publishing set-valued data via differential privacy. <i>Proceedings of the VLDB Endowment</i> , 2011 , 4, 1087-1098 | 9.8 | 85 |
| 101 | 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 |
| 100 | Mining writeprints from anonymous e-mails for forensic investigation. <i>Digital Investigation</i> , 2010 , 7, 56-64 | 4.3 | 78 |

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| 99 | A methodology for identifying and improving occupant behavior in residential buildings. <i>Energy</i> , 2011 , 36, 6596-6608 | 7.9 | 76 |
| 98 | 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 |
| 97 | 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 |
| 96 | 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 |
| 95 | Detecting breaking news rumors of emerging topics in social media. <i>Information Processing and Management</i> , 2020 , 57, 102018 | 6.3 | 68 |
| 94 | Centralized and Distributed Anonymization for High-Dimensional Healthcare Data. <i>ACM Transactions on Knowledge Discovery From Data</i> , 2010 , 4, 1-33 | 4 | 63 |
| 93 | A unified data mining solution for authorship analysis in anonymous textual communications. <i>Information Sciences</i> , 2013 , 231, 98-112 | 7.7 | 60 |
| 92 | Asm2Vec: Boosting Static Representation Robustness for Binary Clone Search against Code Obfuscation and Compiler Optimization 2019 , | | 59 |
| 91 | Extracting knowledge from building-related data [A data mining framework. <i>Building Simulation</i> , 2013 , 6, 207-222 | 3.9 | 53 |
| 90 | Anonymizing healthcare data 2009 , | | 53 |
| 89 | Development of building energy saving advisory: A data mining approach. <i>Energy and Buildings</i> , 2018 , 172, 139-151 | 7 | 49 |
| 88 | Anonymity for continuous data publishing 2008 , | | 45 |
| 87 | Walking in the crowd 2009 , | | 43 |
| 86 | Mining criminal networks from unstructured text documents. <i>Digital Investigation</i> , 2012 , 8, 147-160 | 3.3 | 41 |
| 85 | Privacy-preserving data publishing for cluster analysis. <i>Data and Knowledge Engineering</i> , 2009 , 68, 552-575 | | 40 |
| 84 | A Hybrid Framework for Sentiment Analysis Using Genetic Algorithm Based Feature Reduction. <i>IEEE Access</i> , 2019 , 7, 14637-14652 | 3.5 | 39 |
| 83 | Anonymizing trajectory data for passenger flow analysis. <i>Transportation Research Part C: Emerging Technologies</i> , 2014 , 39, 63-79 | 8.4 | 39 |
| 82 | 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 |

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| 81 | Privacy-preserving trajectory stream publishing. <i>Data and Knowledge Engineering</i> , 2014 , 94, 89-109 | 1.5 | 37 |
| 80 | Learning Stylometric Representations for Authorship Analysis. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 107-121 | 10.2 | 37 |
| 79 | Anonymity meets game theory: secure data integration with malicious participants. <i>VLDB Journal</i> , 2011 , 20, 567-588 | 3.9 | 35 |
| 78 | Service-Oriented Architecture for High-Dimensional Private Data Mashup. <i>IEEE Transactions on Services Computing</i> , 2012 , 5, 373-386 | 4.8 | 32 |
| 77 | Systematic approach to provide building occupants with feedback to reduce energy consumption. <i>Energy</i> , 2020 , 194, 116813 | 7.9 | 32 |
| 76 | Privacy-preserving heterogeneous health data sharing. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013 , 20, 462-9 | 8.6 | 30 |
| 75 | e-mail authorship verification for forensic investigation 2010 , | | 30 |
| 74 | Publishing Sensitive Transactions for Itemset Utility 2008 , | | 27 |
| 73 | \$m\$-Privacy for Collaborative Data Publishing. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2014 , 26, 2520-2533 | 4.2 | 26 |
| 72 | Privacy-preserving data mashup 2009 , | | 26 |
| 71 | 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 |
| 70 | Quantifying the costs and benefits of privacy-preserving health data publishing. <i>Journal of Biomedical Informatics</i> , 2014 , 50, 107-21 | 10.2 | 24 |
| 69 | 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 |
| 68 | E-mail authorship attribution using customized associative classification. <i>Digital Investigation</i> , 2015 , 14, S116-S126 | 3.3 | 23 |
| 67 | BinClone: Detecting Code Clones in Malware 2014 , | | 22 |
| 66 | A Visualizable Evidence-Driven Approach for Authorship Attribution. <i>ACM Transactions on Information and System Security</i> , 2015 , 17, 1-30 | | 20 |
| 65 | Kam1n0 2016 , | | 19 |
| 64 | Wordnet-Based Criminal Networks Mining for Cybercrime Investigation. <i>IEEE Access</i> , 2019 , 7, 22740-22755 | | 18 |

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| 63 | Integrating Private Databases for Data Analysis. <i>Lecture Notes in Computer Science</i> , 2005 , 171-182 | 0.9 | 18 |
| 62 | 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 |
| 61 | Privacy protection for RFID data 2009 , | | 17 |
| 60 | Secure Distributed Framework for Achieving ϵ Differential Privacy. <i>Lecture Notes in Computer Science</i> , 2012 , 120-139 | 0.9 | 17 |
| 59 | SafePath: Differentially-private publishing of passenger trajectories in transportation systems. <i>Computer Networks</i> , 2018 , 143, 126-139 | 5.4 | 16 |
| 58 | Frequent grams based embedding for privacy preserving record linkage 2012 , | | 15 |
| 57 | 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 |
| 56 | Scalable code clone search for malware analysis. <i>Digital Investigation</i> , 2015 , 15, 46-60 | 3.3 | 12 |
| 55 | Subject-based semantic document clustering for digital forensic investigations. <i>Data and Knowledge Engineering</i> , 2013 , 86, 224-241 | 1.5 | 12 |
| 54 | Towards discovering criminal communities from textual data 2011 , | | 12 |
| 53 | m-Privacy for Collaborative Data Publishing 2011 , | | 11 |
| 52 | Mining Criminal Networks from Chat Log 2012 , | | 11 |
| 51 | Mining known attack patterns from security-related events. <i>PeerJ Computer Science</i> , 1, e25 | 2.7 | 11 |
| 50 | Privacy-preserving data mashup model for trading person-specific information. <i>Electronic Commerce Research and Applications</i> , 2016 , 17, 19-37 | 4.6 | 10 |
| 49 | Analyzing topics and authors in chat logs for crime investigation. <i>Knowledge and Information Systems</i> , 2014 , 39, 351-381 | 2.4 | 10 |
| 48 | Malware classification and composition analysis: A survey of recent developments. <i>Journal of Information Security and Applications</i> , 2021 , 59, 102828 | 3.5 | 10 |
| 47 | Parallel Eclat for Opportunistic Mining of Frequent Itemsets. <i>Lecture Notes in Computer Science</i> , 2015 , 401-415 | 0.9 | 9 |
| 46 | Revealing determinant factors for early breast cancer recurrence by decision tree. <i>Information Systems Frontiers</i> , 2017 , 19, 1233-1241 | 4 | 9 |

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| 45 | Anonymizing data with quasi-sensitive attribute values 2010 , | | 9 |
| 44 | Medical Concept Embedding with Multiple Ontological Representations 2019 , | | 9 |
| 43 | 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 |
| 42 | Secure Outsourced Frequent Pattern Mining by Fully Homomorphic Encryption. <i>Lecture Notes in Computer Science</i> , 2015 , 70-81 | 0.9 | 8 |
| 41 | Opportunistic mining of top-n high utility patterns. <i>Information Sciences</i> , 2018 , 441, 171-186 | 7.7 | 8 |
| 40 | Preserving RFID data privacy 2009 , | | 8 |
| 39 | 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 |
| 38 | . <i>IEEE Access</i> , 2019 , 7, 15955-15966 | 3.5 | 7 |
| 37 | Differentially private multidimensional data publishing. <i>Knowledge and Information Systems</i> , 2018 , 56, 717-752 | 2.4 | 7 |
| 36 | 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 |
| 35 | Exploring the Meanings of Hijab through Online Comments in Canada. <i>Journal of Intercultural Communication Research</i> , 2016 , 45, 214-232 | 0.5 | 7 |
| 34 | Service-Oriented Architecture for Privacy-Preserving Data Mashup 2009 , | | 7 |
| 33 | Arabic Authorship Attribution. <i>ACM Transactions on Asian and Low-Resource Language Information Processing</i> , 2019 , 18, 1-51 | 1.1 | 7 |
| 32 | I-MAD: Interpretable malware detector using Galaxy Transformer. <i>Computers and Security</i> , 2021 , 108, 102371 | 4.9 | 7 |
| 31 | 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 |
| 30 | D-Mash: A Framework for Privacy-Preserving Data-as-a-Service Mashups 2014 , | | 6 |
| 29 | Using RFID tags to improve pilgrimage management 2009 , | | 5 |
| 28 | A framework for privacy-preserving cluster analysis 2008 , | | 5 |

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| 27 | Heterogeneous data release for cluster analysis with differential privacy. <i>Knowledge-Based Systems</i> , 2020 , 201-202, 106047 | 7.3 | 5 |
| 26 | 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 |
| 25 | Toward Tweet-Mining Framework for Extracting Terrorist Attack-Related Information and Reporting. <i>IEEE Access</i> , 2021 , 9, 115535-115547 | 3.5 | 5 |
| 24 | Fusion: Privacy-Preserving Distributed Protocol for High-Dimensional Data Mashup 2015 , | | 4 |
| 23 | Preserving privacy and frequent sharing patterns for social network data publishing 2013 , | | 4 |
| 22 | (SecDM): privacy-preserving data outsourcing framework with differential privacy. <i>Knowledge and Information Systems</i> , 2020 , 62, 1923-1960 | 2.4 | 4 |
| 21 | 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 |
| 20 | An Efficient Hybrid Hierarchical Document Clustering Method 2008 , | | 3 |
| 19 | Season-Based Occupancy Prediction in Residential Buildings Using Machine Learning Models. <i>E-Prime</i> , 2021 , 100003 | | 3 |
| 18 | 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 |
| 17 | Service-oriented architecture for sharing private spatial-temporal data 2011 , | | 2 |
| 16 | Joint Learning of Phenotypes and Diagnosis-Medication Correspondence via Hidden Interaction Tensor Factorization 2018 , | | 2 |
| 15 | Machine Learning for Authorship Attribution and Cyber Forensics. <i>International Series on Computer Entertainment and Media Technology</i> , 2020 , | 0.3 | 2 |
| 14 | Distinguishing between fake news and satire with transformers. <i>Expert Systems With Applications</i> , 2022 , 187, 115824 | 7.8 | 2 |
| 13 | Anonymizing Social Network Data for Maximal Frequent-Sharing Pattern Mining. <i>Lecture Notes in Social Networks</i> , 2015 , 77-100 | 0.6 | 1 |
| 12 | Authorship Attribution Using Customized Associative Classification. <i>International Series on Computer Entertainment and Media Technology</i> , 2020 , 105-120 | 0.3 | 1 |
| 11 | 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 |
| 10 | 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 |

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| 9 | 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 |
| 8 | Differentially private data publishing for arbitrarily partitioned data. <i>Information Sciences</i> , 2021 , 553, 247-265 | 7.7 | 1 |
| 7 | Automatic Fall Risk Detection Based on Imbalanced Data. <i>IEEE Access</i> , 2021 , 9, 163594-163611 | 3.5 | 0 |
| 6 | Detecting High-Engaging Breaking News Rumors in Social Media. <i>ACM Transactions on Management Information Systems</i> , 2021 , 12, 1-16 | 2 | 0 |
| 5 | Writeprint Mining For Authorship Attribution. <i>International Series on Computer Entertainment and Media Technology</i> , 2020 , 57-74 | 0.3 | |
| 4 | Messaging Forensics In Perspective. <i>International Series on Computer Entertainment and Media Technology</i> , 2020 , 23-36 | 0.3 | |
| 3 | Authorship Attribution With Few Training Samples. <i>International Series on Computer Entertainment and Media Technology</i> , 2020 , 75-87 | 0.3 | |
| 2 | A Data Mining Analysis of Cross-Regional Study of Apparel Consumption. <i>Lecture Notes in Networks and Systems</i> , 2022 , 23-32 | 0.5 | |
| 1 | A Novel Neural Network-Based Malware Severity Classification System. <i>Communications in Computer and Information Science</i> , 2022 , 218-232 | 0.3 | |