

# Wee-Keong Ng

## List of Publications by Year in Descending Order

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**Version:** 2024-04-27

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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.

154  
papers

1,642  
citations

22  
h-index

35  
g-index

199  
ext. papers

1,996  
ext. citations

1.8  
avg, IF

4.81  
L-index

#	Paper	IF	Citations
154	Highly Scalable Beaver Triple Generator from Additively Homomorphic Encryption. <i>Lecture Notes in Networks and Systems</i> , <b>2022</b> , 504-514	0.5	
153	Beaver Triple Generator from Multiplicatively Homomorphic Key Management Protocol. <i>Lecture Notes in Networks and Systems</i> , <b>2022</b> , 492-503	0.5	
152	. <i>IEEE Access</i> , <b>2020</b> , 8, 4870-4884	3.5	4
151	Scalable, On-Demand Secure Multiparty Computation for Privacy-Aware Blockchains. <i>Communications in Computer and Information Science</i> , <b>2020</b> , 196-211	0.3	0
150	Aplos: Smart Contracts Made Smart. <i>Communications in Computer and Information Science</i> , <b>2020</b> , 431-445	0.3	7
149	Privacy-Preserving Weighted Federated Learning Within the Secret Sharing Framework. <i>IEEE Access</i> , <b>2020</b> , 8, 198275-198284	3.5	10
148	Groupon and Groupon Now: Participating Firm Profitability Analysis. <i>Computational Economics</i> , <b>2019</b> , 53, 617-632	1.4	0
147	Learning under concept drift with follow the regularized leader and adaptive decaying proximal. <i>Expert Systems With Applications</i> , <b>2018</b> , 96, 49-63	7.8	4
146	<b>2018</b> ,		22
145	A Collision-Free Path Planning Algorithm for Unmanned Aerial Vehicle Delivery <b>2018</b> ,		5
144	Blockchain-Based System for Secure Data Storage with Private Keyword Search <b>2017</b> ,		55
143	A New Adaptive Learning Algorithm and Its Application to Online Malware Detection. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 18-32	0.9	1
142	Studying Personality through the Content of Posted and Liked Images on Twitter <b>2017</b> ,		21
141	Hybrid Subspace Mixture Models for Prediction and Anomaly Detection in High Dimensions. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 326-339	0.9	
140	Uncovering periodic network signals of cyber attacks <b>2016</b> ,		5
139	Privacy-Preserving Triangle Counting in Distributed Graphs <b>2016</b> ,		3
138	A User-Centric Approach to Pricing Information <b>2016</b> ,		1

137	Application of Stylometry to DarkWeb Forum User Identification. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 173-183	0.9	3
136	On periodic behavior of malware: experiments, opportunities and challenges <b>2016</b> ,		2
135	Private Boolean Query Processing on Encrypted Data. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 321-332	0.9	1
134	Information Pricing: A Utility Based Pricing Mechanism <b>2016</b> ,		2
133	A Confidentiality-Preserving Search Technique for Encrypted Relational Cloud Databases <b>2016</b> ,		1
132	Incremental Privacy-Preserving Association Rule Mining Using Negative Border. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 87-100	0.9	
131	Privacy-preserving approach for sharing and processing intrusion alert data <b>2015</b> ,		1
130	Encrypted SVM for Outsourced Data Mining <b>2015</b> ,		17
129	Secure Scalar Product for Big-Data in MapReduce <b>2015</b> ,		7
128	Transparent Data Encryption for Data-in-Use and Data-at-Rest in a Cloud-Based Database-as-a-Service Solution <b>2015</b> ,		6
127	Encrypted Gradient Descent Protocol for Outsourced Data Mining <b>2015</b> ,		4
126	Encrypted Association Rule Mining for Outsourced Data Mining <b>2015</b> ,		5
125	How much is your information worth? A method for revenue generation for your information <b>2015</b> ,		1
124	A survey on data stream clustering and classification. <i>Knowledge and Information Systems</i> , <b>2015</b> , 45, 535-569		148
123	Closed motifs for streaming time series classification. <i>Knowledge and Information Systems</i> , <b>2014</b> , 41, 101-125	2.4	2
122	Encrypted Set Intersection Protocol for Outsourced Datasets <b>2014</b> ,		25
121	Cornstarch effect: intensifying flow resistance for increasing DDoS attacks in autonomous overlays <b>2014</b> ,		2
120	Model of an Encrypted Cloud Relational Database Supporting Complex Predicates in WHERE Clause <b>2014</b> ,		1

119	Encrypted Scalar Product Protocol for Outsourced Data Mining <b>2014</b> ,		4
118	A novelty detection machine and its application to bank failure prediction. <i>Neurocomputing</i> , <b>2014</b> , 130, 63-72	5.4	2
117	Complex Queries in a Shared Multi User Relational Cloud Database <b>2013</b> ,		3
116	Classification in P2P networks with cascade support vector machines. <i>ACM Transactions on Knowledge Discovery From Data</i> , <b>2013</b> , 7, 1-29	4	3
115	MAXIMUM VOLUME OUTLIER DETECTION AND ITS APPLICATIONS IN CREDIT RISK ANALYSIS. <i>International Journal on Artificial Intelligence Tools</i> , <b>2013</b> , 22, 1360012	0.9	1
114	Concurrent Semi-supervised Learning with Active Learning of Data Streams. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 113-136	0.9	4
113	Hybrid solving algorithms for an extended dynamic constraint satisfaction problem based configuration system. <i>Concurrent Engineering Research and Applications</i> , <b>2012</b> , 20, 223-236	1.7	3
112	Private data deduplication protocols in cloud storage <b>2012</b> ,		48
111	Robustness of Trust Models and Combinations for Handling Unfair Ratings. <i>International Federation for Information Processing</i> , <b>2012</b> , 36-51		19
110	Heterogeneous Ensemble for Feature Drifts in Data Streams. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 1-12	0.9	25
109	The Influence of Interaction Attributes on Trust in Virtual Communities. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 268-279	0.9	1
108	IntRank: Interaction Ranking-Based Trustworthy Friend Recommendation <b>2011</b> ,		11
107	Towards security in sharing data on cloud-based social networks <b>2011</b> ,		25
106	Structure and attribute index for approximate graph matching in large graphs. <i>Information Systems</i> , <b>2011</b> , 36, 958-972	2.7	17
105	Extended DCSP Approach on Product Configuration with Cost Estimation. <i>Concurrent Engineering Research and Applications</i> , <b>2011</b> , 19, 123-138	1.7	10
104	Predict Energy Consumption of Trigger-Driven Sensor Network by Markov Chains <b>2011</b> ,		1
103	An Efficient Cacheable Secure Scalar Product Protocol for Privacy-Preserving Data Mining. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 354-366	0.9	2
102	Concurrent Semi-supervised Learning of Data Streams. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 445-459.	0.9	3

101	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2010</b> , 22, 884-899	4.2	42
100	Incremental Maintenance of 2-Hop Labeling of Large Graphs. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2010</b> , 22, 682-698	4.2	22
99	Adaptive Ensemble Classification in P2P Networks. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 34-48	0.9	4
98	On Classifying Drifting Concepts in P2P Networks. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 24-39	0.9	4
97	Satrap: Data and Network Heterogeneity Aware P2P Data-Mining. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 63-70	0.9	
96	Privacy-Preserving Singular Value Decomposition. <i>Proceedings - International Conference on Data Engineering</i> , <b>2009</b> ,	2	16
95	CRYPPEAR: An efficient framework for privacy preserving association rule mining over vertically partitioned data <b>2009</b> ,		4
94	Regression models for estimating product life cycle cost. <i>Journal of Intelligent Manufacturing</i> , <b>2009</b> , 20, 401-408	6.7	26
93	Incremental and Adaptive Clustering Stream Data over Sliding Window. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 660-674	0.9	9
92	Density-based clustering of data streams at multiple resolutions. <i>ACM Transactions on Knowledge Discovery From Data</i> , <b>2009</b> , 3, 1-28	4	78
91	A Uniform Framework for Ad-Hoc Indexes to Answer Reachability Queries on Large Graphs. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 138-152	0.9	7
90	An EM-Based Algorithm for Clustering Data Streams in Sliding Windows. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 230-235	0.9	10
89	Constraint Satisfaction Approach on Product Configuration with Cost Estimation. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 731-740	0.9	2
88	Communication-Efficient Classification in P2P Networks. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 83-98	0.9	8
87	Automating knowledge acquisition for constraint-based product configuration. <i>Journal of Manufacturing Technology Management</i> , <b>2008</b> , 19, 744-754	7.1	9
86	On incremental maintenance of 2-hop labeling of graphs <b>2008</b> ,		21
85	An intelligent system for estimating full product Life Cycle Cost at the early design stage. <i>International Journal of Product Lifecycle Management</i> , <b>2008</b> , 3, 96	1.5	6
84	Preemptive Measures against Malicious Party in Privacy-Preserving Data Mining <b>2008</b> ,		2

83	Online mining of frequent sets in data streams with error guarantee. <i>Knowledge and Information Systems</i> , <b>2008</b> , 16, 245-258	2.4	18
82	Privacy-Preserving Linear Fisher Discriminant Analysis <b>2008</b> , 136-147		8
81	Cascade RSVM in Peer-to-Peer Networks. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 55-70	0.9	14
80	Enabling Mass Customization through Semantic Web Services <b>2007</b> ,		1
79	FSP: Frequent Substructure Pattern mining <b>2007</b> ,		1
78	Enhancing the Effectiveness of Clustering with Spectra Analysis. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2007</b> , 19, 887-902	4.2	19
77	Privacy-preservation for gradient descent methods <b>2007</b> ,		32
76	Dynamical systems for discovering protein complexes and functional modules from biological networks. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , <b>2007</b> , 4, 233-50	3	15
75	Graph-Based Data Mining <b>2007</b> , 291-307		
74	Privacy-Preserving Genetic Algorithms for Rule Discovery. <i>Lecture Notes in Computer Science</i> , <b>2007</b> , 407-417	0.9	23
73	Privacy-Preserving Self-Organizing Map. <i>Lecture Notes in Computer Science</i> , <b>2007</b> , 428-437	0.9	5
72	EStream: Online Mining of Frequent Sets with Precise Error Guarantee. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 312-321	0.9	1
71	Adaptive Load Shedding for Mining Frequent Patterns from Data Streams. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 342-351	0.9	3
70	. <i>IEEE Intelligent Systems</i> , <b>2005</b> , 20, 60-67	4.2	8
69	Scheduling Queries to Improve the Freshness of a Website. <i>World Wide Web</i> , <b>2005</b> , 8, 61-90	2.9	1
68	On organizing and accessing geospatial and georeferenced Web resources using the G-Portal system. <i>Information Processing and Management</i> , <b>2005</b> , 41, 1277-1297	6.3	10
67	Web data extraction based on structural similarity. <i>Knowledge and Information Systems</i> , <b>2005</b> , 8, 438-461	2.4	17
66	WDEE: Web Data Extraction by Example. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 347-358	0.9	2

65	Visual Terrain Analysis of High-Dimensional Datasets. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 593-600	0.9	1
64	Spectral Kernels for Classification. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 520-529	0.9	3
63	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2004</b> , 16, 875-879	4.2	15
62	Blocking reduction strategies in hierarchical text classification. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2004</b> , 16, 1305-1308	4.2	32
61	A Java-based digital library portal for geography education. <i>Science of Computer Programming</i> , <b>2004</b> , 53, 87-105	1.1	8
60	Parameter driven synthetic web database generation. <i>Journal of Systems and Software</i> , <b>2004</b> , 69, 29-42	3.3	0
59	Towards building logical views of websites. <i>Data and Knowledge Engineering</i> , <b>2004</b> , 49, 197-222	1.5	5
58	OWDEAH: Online Web Data Extraction Based on Access History. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 269-278	0.9	
57	A Spectroscopy of Texts for Effective Clustering. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 301-312	0.9	1
56	Unloading Unwanted Information: From Physical Websites to Personalized Web Views. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 111-121	0.9	1
55	An Automated Algorithm for Extracting Website Skeleton. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 799-811	0.9	7
54	SCLOPE: An Algorithm for Clustering Data Streams of Categorical Attributes. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 209-218	0.9	10
53	Detecting and representing relevant Web deltas in WHOWEDA. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2003</b> , 15, 423-441	4.2	5
52	Representation of Web Data in A Web Warehouse. <i>Computer Journal</i> , <b>2003</b> , 46, 229-262	1.3	2
51	FSSM: Fast Construction of the Optimized Segment Support Map. <i>Lecture Notes in Computer Science</i> , <b>2003</b> , 257-266	0.9	2
50	Parameterless Data Compression and Noise Filtering Using Association Rule Mining. <i>Lecture Notes in Computer Science</i> , <b>2003</b> , 278-287	0.9	3
49	Performance measurement framework for hierarchical text classification. <i>Journal of the Association for Information Science and Technology</i> , <b>2003</b> , 54, 1014-1028		31
48	Constraint-driven join processing in a Web Warehouse. <i>Data and Knowledge Engineering</i> , <b>2003</b> , 45, 33-78	1.5	0

47	Data model for warehousing historical Web information. <i>Information and Software Technology</i> , <b>2003</b> , 45, 315-334	3.4	2
46	Deriving and verifying statistical distribution of a hyperlink-based Web page quality metric. <i>Data and Knowledge Engineering</i> , <b>2003</b> , 46, 291-315	1.5	5
45	Anatomy of the coupling query in a web warehouse. <i>Information and Software Technology</i> , <b>2002</b> , 44, 513-529	3.4	5
44	What can a web bag discover for you?. <i>Data and Knowledge Engineering</i> , <b>2002</b> , 43, 79-119	1.5	
43	Product schema integration for electronic commerce-a synonym comparison approach. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2002</b> , 14, 583-598	4.2	11
42	A survey of Web metrics. <i>ACM Computing Surveys</i> , <b>2002</b> , 34, 469-503	13.4	112
41	A visual tool for building logical data models of websites <b>2002</b> ,		4
40	Web classification using support vector machine <b>2002</b> ,		94
39	Mining Relationship Graphs for Effective Business Objectives. <i>Lecture Notes in Computer Science</i> , <b>2002</b> , 561-566	0.9	
38	Modelling and Predicting Web Page Accesses Using Burrell's Model. <i>Lecture Notes in Computer Science</i> , <b>2002</b> , 172-181	0.9	1
37	Personalized Classification for Keyword-Based Category Profiles. <i>Lecture Notes in Computer Science</i> , <b>2002</b> , 61-74	0.9	2
36	Wiccap Data Model: Mapping Physical Websites to Logical Views. <i>Lecture Notes in Computer Science</i> , <b>2002</b> , 120-135	0.9	11
35	Constraint-Free Join Processing on Hyperlinked Web Data. <i>Lecture Notes in Computer Science</i> , <b>2002</b> , 255-264	0.9	1
34	Deriving and Verifying Statistical Distribution of a Hyperlink-Based Web Page Quality Metric. <i>Lecture Notes in Computer Science</i> , <b>2002</b> , 19-28	0.9	4
33	Schemas for web data: a reverse engineering approach. <i>Data and Knowledge Engineering</i> , <b>2001</b> , 39, 105-142	4.2	3
32	Rapid association rule mining <b>2001</b> ,		35
31	. <i>IEEE Intelligent Systems</i> , <b>2001</b> , 16, 8-14	4.2	49
30	ViDE: A Visual Data Extraction Environment for the Web. <i>Lecture Notes in Computer Science</i> , <b>2001</b> , 577-586		0



29	Query Integration for Refreshing Web Views. <i>Lecture Notes in Computer Science</i> , <b>2001</b> , 557-566	0.9	
28	On Formulation of Disjunctive Coupling Queries in WHOWEDA. <i>Lecture Notes in Computer Science</i> , <b>2001</b> , 688-698	0.9	2
27	Imposing Disjunctive Constraints on Inter-document Structure. <i>Lecture Notes in Computer Science</i> , <b>2001</b> , 723-733	0.9	3
26	Cost-benefit analysis of web bag in a web warehouse: An analytical approach. <i>World Wide Web</i> , <b>2000</b> , 3, 165-184	2.9	1
25	Web schemas in WHOWEDA <b>2000</b> ,		5
24	Re-engineering structures from Web documents <b>2000</b> ,		15
23	Heterogeneous product description in electronic commerce <b>2000</b> , 1, 7-13		25
22	Keeping a Very Large Website Up-to-date: Some Feasibility Results. <i>Lecture Notes in Computer Science</i> , <b>2000</b> , 399-408	0.9	2
21	Global View Maintenance by Using Inference Relationship among Views. <i>Lecture Notes in Computer Science</i> , <b>2000</b> , 291-298	0.9	
20	Storage Management of a Historical Web Warehousing System. <i>Lecture Notes in Computer Science</i> , <b>2000</b> , 457-466	0.9	1
19	On Warehousing Historical Web Information. <i>Lecture Notes in Computer Science</i> , <b>2000</b> , 253-266	0.9	1
18	WEDAGEN-a synthetic Web database generator <b>1999</b> ,		1
17	ZBroker <b>1999</b> ,		3
16	Research Issues in Web Data Mining. <i>Lecture Notes in Computer Science</i> , <b>1999</b> , 303-312	0.9	47
15	Cluster-Based Database Selection Techniques for Routing Bibliographic Queries. <i>Lecture Notes in Computer Science</i> , <b>1999</b> , 100-109	0.9	3
14	Database selection techniques for routing bibliographic queries <b>1998</b> ,		6
13	Information Coupling in Web Databases. <i>Lecture Notes in Computer Science</i> , <b>1998</b> , 92-106	0.9	4
12	Block-oriented compression techniques for large statistical databases. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>1997</b> , 9, 314-328	4.2	28

11	Information synthesis in statistical databases <b>1995</b> ,	2
10	Spectral analysis of text collection for similarity-based clustering	1
9	WICCAP: from semi-structured data to structured data	1
8	Modelling and predicting a Web page accesses using Markov processes	8
7	Efficient Web log mining for product development	2
6	Efficient k nearest neighbor queries on remote spatial databases using range estimation	2
5	Online and incremental mining of separately-grouped Web access logs	1
4	Web informetrics: extending classical informetrics to the Web	3
3	Model and research issues for refreshing a very large Website	1
2	Financial advisor agent in a multi-agent financial trading system	2
1	DTD-Miner: a tool for mining DTD from XML documents	1