

Wee-Keong Ng

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.

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	A survey on data stream clustering and classification. <i>Knowledge and Information Systems</i> , 2015 , 45, 535-549	5.69	148
153	A survey of Web metrics. <i>ACM Computing Surveys</i> , 2002 , 34, 469-503	13.4	112
152	Web classification using support vector machine 2002 ,		94
151	Density-based clustering of data streams at multiple resolutions. <i>ACM Transactions on Knowledge Discovery From Data</i> , 2009 , 3, 1-28	4	78
150	Blockchain-Based System for Secure Data Storage with Private Keyword Search 2017 ,		55
149	. <i>IEEE Intelligent Systems</i> , 2001 , 16, 8-14	4.2	49
148	Private data deduplication protocols in cloud storage 2012 ,		48
147	Research Issues in Web Data Mining. <i>Lecture Notes in Computer Science</i> , 1999 , 303-312	0.9	47
146	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2010 , 22, 884-899	4.2	42
145	Rapid association rule mining 2001 ,		35
144	Privacy-preservation for gradient descent methods 2007 ,		32
143	Blocking reduction strategies in hierarchical text classification. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2004 , 16, 1305-1308	4.2	32
142	Performance measurement framework for hierarchical text classification. <i>Journal of the Association for Information Science and Technology</i> , 2003 , 54, 1014-1028		31
141	Block-oriented compression techniques for large statistical databases. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 1997 , 9, 314-328	4.2	28
140	Regression models for estimating product life cycle cost. <i>Journal of Intelligent Manufacturing</i> , 2009 , 20, 401-408	6.7	26
139	Encrypted Set Intersection Protocol for Outsourced Datasets 2014 ,		25
138	Towards security in sharing data on cloud-based social networks 2011 ,		25

137	Heterogeneous product description in electronic commerce 2000 , 1, 7-13		25
136	Heterogeneous Ensemble for Feature Drifts in Data Streams. <i>Lecture Notes in Computer Science</i> , 2012 , 1-12	0.9	25
135	Privacy-Preserving Genetic Algorithms for Rule Discovery. <i>Lecture Notes in Computer Science</i> , 2007 , 407-417	4.1	23
134	Incremental Maintenance of 2-Hop Labeling of Large Graphs. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2010 , 22, 682-698	4.2	22
133	2018 ,		22
132	Studying Personality through the Content of Posted and Liked Images on Twitter 2017 ,		21
131	On incremental maintenance of 2-hop labeling of graphs 2008 ,		21
130	Enhancing the Effectiveness of Clustering with Spectra Analysis. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2007 , 19, 887-902	4.2	19
129	Robustness of Trust Models and Combinations for Handling Unfair Ratings. <i>International Federation for Information Processing</i> , 2012 , 36-51		19
128	Online mining of frequent sets in data streams with error guarantee. <i>Knowledge and Information Systems</i> , 2008 , 16, 245-258	2.4	18
127	Encrypted SVM for Outsourced Data Mining 2015 ,		17
126	Structure and attribute index for approximate graph matching in large graphs. <i>Information Systems</i> , 2011 , 36, 958-972	2.7	17
125	Web data extraction based on structural similarity. <i>Knowledge and Information Systems</i> , 2005 , 8, 438-461	2.4	17
124	Privacy-Preserving Singular Value Decomposition. <i>Proceedings - International Conference on Data Engineering</i> , 2009 ,	2	16
123	Dynamical systems for discovering protein complexes and functional modules from biological networks. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2007 , 4, 233-50	3	15
122	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2004 , 16, 875-879	4.2	15
121	Re-engineering structures from Web documents 2000 ,		15
120	Cascade RSVM in Peer-to-Peer Networks. <i>Lecture Notes in Computer Science</i> , 2008 , 55-70	0.9	14

119	IntRank: Interaction Ranking-Based Trustworthy Friend Recommendation 2011 ,		11
118	Product schema integration for electronic commerce-a synonym comparison approach. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2002 , 14, 583-598	4.2	11
117	Wiccap Data Model: Mapping Physical Websites to Logical Views. <i>Lecture Notes in Computer Science</i> , 2002 , 120-135	0.9	11
116	Extended DCSP Approach on Product Configuration with Cost Estimation. <i>Concurrent Engineering Research and Applications</i> , 2011 , 19, 123-138	1.7	10
115	On organizing and accessing geospatial and georeferenced Web resources using the G-Portal system. <i>Information Processing and Management</i> , 2005 , 41, 1277-1297	6.3	10
114	SCLOPE: An Algorithm for Clustering Data Streams of Categorical Attributes. <i>Lecture Notes in Computer Science</i> , 2004 , 209-218	0.9	10
113	An EM-Based Algorithm for Clustering Data Streams in Sliding Windows. <i>Lecture Notes in Computer Science</i> , 2009 , 230-235	0.9	10
112	Privacy-Preserving Weighted Federated Learning Within the Secret Sharing Framework. <i>IEEE Access</i> , 2020 , 8, 198275-198284	3.5	10
111	Incremental and Adaptive Clustering Stream Data over Sliding Window. <i>Lecture Notes in Computer Science</i> , 2009 , 660-674	0.9	9
110	Automating knowledge acquisition for constraint-based product configuration. <i>Journal of Manufacturing Technology Management</i> , 2008 , 19, 744-754	7.1	9
109	. <i>IEEE Intelligent Systems</i> , 2005 , 20, 60-67	4.2	8
108	A Java-based digital library portal for geography education. <i>Science of Computer Programming</i> , 2004 , 53, 87-105	1.1	8
107	Modelling and predicting a Web page accesses using Markov processes		8
106	Privacy-Preserving Linear Fisher Discriminant Analysis 2008 , 136-147		8
105	Communication-Efficient Classification in P2P Networks. <i>Lecture Notes in Computer Science</i> , 2009 , 83-98	0.9	8
104	Secure Scalar Product for Big-Data in MapReduce 2015 ,		7
103	An Automated Algorithm for Extracting Website Skeleton. <i>Lecture Notes in Computer Science</i> , 2004 , 799-811	0.9	7
102	A Uniform Framework for Ad-Hoc Indexes to Answer Reachability Queries on Large Graphs. <i>Lecture Notes in Computer Science</i> , 2009 , 138-152	0.9	7

101	Aplos: Smart Contracts Made Smart. <i>Communications in Computer and Information Science</i> , 2020 , 431-445	5.3	7
100	Transparent Data Encryption for Data-in-Use and Data-at-Rest in a Cloud-Based Database-as-a-Service Solution 2015 ,		6
99	An intelligent system for estimating full product Life Cycle Cost at the early design stage. <i>International Journal of Product Lifecycle Management</i> , 2008 , 3, 96	1.5	6
98	Database selection techniques for routing bibliographic queries 1998 ,		6
97	Uncovering periodic network signals of cyber attacks 2016 ,		5
96	Encrypted Association Rule Mining for Outsourced Data Mining 2015 ,		5
95	Detecting and representing relevant Web deltas in WHOWEDA. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2003 , 15, 423-441	4.2	5
94	Towards building logical views of websites. <i>Data and Knowledge Engineering</i> , 2004 , 49, 197-222	1.5	5
93	Anatomy of the coupling query in a web warehouse. <i>Information and Software Technology</i> , 2002 , 44, 513-529	3.4	5
92	Deriving and verifying statistical distribution of a hyperlink-based Web page quality metric. <i>Data and Knowledge Engineering</i> , 2003 , 46, 291-315	1.5	5
91	Web schemas in WHOWEDA 2000 ,		5
90	Privacy-Preserving Self-Organizing Map. <i>Lecture Notes in Computer Science</i> , 2007 , 428-437	0.9	5
89	A Collision-Free Path Planning Algorithm for Unmanned Aerial Vehicle Delivery 2018 ,		5
88	. <i>IEEE Access</i> , 2020 , 8, 4870-4884	3.5	4
87	Encrypted Gradient Descent Protocol for Outsourced Data Mining 2015 ,		4
86	Encrypted Scalar Product Protocol for Outsourced Data Mining 2014 ,		4
85	CRYP PAR: An efficient framework for privacy preserving association rule mining over vertically partitioned data 2009 ,		4
84	A visual tool for building logical data models of websites 2002 ,		4

83	Information Coupling in Web Databases. <i>Lecture Notes in Computer Science</i> , 1998 , 92-106	0.9	4
82	Adaptive Ensemble Classification in P2P Networks. <i>Lecture Notes in Computer Science</i> , 2010 , 34-48	0.9	4
81	On Classifying Drifting Concepts in P2P Networks. <i>Lecture Notes in Computer Science</i> , 2010 , 24-39	0.9	4
80	Concurrent Semi-supervised Learning with Active Learning of Data Streams. <i>Lecture Notes in Computer Science</i> , 2013 , 113-136	0.9	4
79	Learning under concept drift with follow the regularized leader and adaptive decaying proximal. <i>Expert Systems With Applications</i> , 2018 , 96, 49-63	7.8	4
78	Deriving and Verifying Statistical Distribution of a Hyperlink-Based Web Page Quality Metric. <i>Lecture Notes in Computer Science</i> , 2002 , 19-28	0.9	4
77	Privacy-Preserving Triangle Counting in Distributed Graphs 2016 ,		3
76	Complex Queries in a Shared Multi User Relational Cloud Database 2013 ,		3
75	Classification in P2P networks with cascade support vector machines. <i>ACM Transactions on Knowledge Discovery From Data</i> , 2013 , 7, 1-29	4	3
74	Hybrid solving algorithms for an extended dynamic constraint satisfaction problem based configuration system. <i>Concurrent Engineering Research and Applications</i> , 2012 , 20, 223-236	1.7	3
73	Parameterless Data Compression and Noise Filtering Using Association Rule Mining. <i>Lecture Notes in Computer Science</i> , 2003 , 278-287	0.9	3
72	Schemas for web data: a reverse engineering approach. <i>Data and Knowledge Engineering</i> , 2001 , 39, 105-142	1.4	3
71	Web informetrics: extending classical informetrics to the Web		3
70	ZBroker 1999 ,		3
69	Cluster-Based Database Selection Techniques for Routing Bibliographic Queries. <i>Lecture Notes in Computer Science</i> , 1999 , 100-109	0.9	3
68	Concurrent Semi-supervised Learning of Data Streams. <i>Lecture Notes in Computer Science</i> , 2011 , 445-459	0.9	3
67	Application of Stylometry to DarkWeb Forum User Identification. <i>Lecture Notes in Computer Science</i> , 2016 , 173-183	0.9	3
66	Spectral Kernels for Classification. <i>Lecture Notes in Computer Science</i> , 2005 , 520-529	0.9	3

65	Adaptive Load Shedding for Mining Frequent Patterns from Data Streams. <i>Lecture Notes in Computer Science</i> , 2006 , 342-351	0.9	3
64	Imposing Disjunctive Constraints on Inter-document Structure. <i>Lecture Notes in Computer Science</i> , 2001 , 723-733	0.9	3
63	Closed motifs for streaming time series classification. <i>Knowledge and Information Systems</i> , 2014 , 41, 101-125	2.4	2
62	Cornstarch effect: intensifying flow resistance for increasing DDoS attacks in autonomous overlays 2014 ,		2
61	A novelty detection machine and its application to bank failure prediction. <i>Neurocomputing</i> , 2014 , 130, 63-72	5.4	2
60	Preemptive Measures against Malicious Party in Privacy-Preserving Data Mining 2008 ,		2
59	Representation of Web Data in A Web Warehouse. <i>Computer Journal</i> , 2003 , 46, 229-262	1.3	2
58	FSSM: Fast Construction of the Optimized Segment Support Map. <i>Lecture Notes in Computer Science</i> , 2003 , 257-266	0.9	2
57	Data model for warehousing historical Web information. <i>Information and Software Technology</i> , 2003 , 45, 315-334	3.4	2
56	Efficient Web log mining for product development		2
55	WDEE: Web Data Extraction by Example. <i>Lecture Notes in Computer Science</i> , 2005 , 347-358	0.9	2
54	Efficient k nearest neighbor queries on remote spatial databases using range estimation		2
53	Financial advisor agent in a multi-agent financial trading system		2
52	Information synthesis in statistical databases 1995 ,		2
51	Keeping a Very Large Website Up-to-date: Some Feasibility Results. <i>Lecture Notes in Computer Science</i> , 2000 , 399-408	0.9	2
50	Constraint Satisfaction Approach on Product Configuration with Cost Estimation. <i>Lecture Notes in Computer Science</i> , 2009 , 731-740	0.9	2
49	An Efficient Cacheable Secure Scalar Product Protocol for Privacy-Preserving Data Mining. <i>Lecture Notes in Computer Science</i> , 2011 , 354-366	0.9	2
48	On periodic behavior of malware: experiments, opportunities and challenges 2016 ,		2

47	Information Pricing: A Utility Based Pricing Mechanism 2016 ,		2
46	On Formulation of Disjunctive Coupling Queries in WHOWEDA. <i>Lecture Notes in Computer Science</i> , 2001 , 688-698	0.9	2
45	Personalized Classification for Keyword-Based Category Profiles. <i>Lecture Notes in Computer Science</i> , 2002 , 61-74	0.9	2
44	Privacy-preserving approach for sharing and processing intrusion alert data 2015 ,		1
43	A User-Centric Approach to Pricing Information 2016 ,		1
42	A New Adaptive Learning Algorithm and Its Application to Online Malware Detection. <i>Lecture Notes in Computer Science</i> , 2017 , 18-32	0.9	1
41	How much is your information worth? A method for revenue generation for your information 2015 ,		1
40	Model of an Encrypted Cloud Relational Database Supporting Complex Predicates in WHERE Clause 2014 ,		1
39	MAXIMUM VOLUME OUTLIER DETECTION AND ITS APPLICATIONS IN CREDIT RISK ANALYSIS. <i>International Journal on Artificial Intelligence Tools</i> , 2013 , 22, 1360012	0.9	1
38	Predict Energy Consumption of Trigger-Driven Sensor Network by Markov Chains 2011 ,		1
37	Enabling Mass Customization through Semantic Web Services 2007 ,		1
36	FSP: Frequent Substructure Pattern mining 2007 ,		1
35	Spectral analysis of text collection for similarity-based clustering		1
34	WICCAP: from semi-structured data to structured data		1
33	Scheduling Queries to Improve the Freshness of a Website. <i>World Wide Web</i> , 2005 , 8, 61-90	2.9	1
32	Online and incremental mining of separately-grouped Web access logs		1
31	Cost-benefit analysis of web bag in a web warehouse: An analytical approach. <i>World Wide Web</i> , 2000 , 3, 165-184	2.9	1
30	Model and research issues for refreshing a very large Website		1

29	DTD-Miner: a tool for mining DTD from XML documents		1
28	WEDAGEN-a synthetic Web database generator 1999 ,		1
27	A Spectroscopy of Texts for Effective Clustering. <i>Lecture Notes in Computer Science</i> , 2004 , 301-312	0.9	1
26	Unloading Unwanted Information: From Physical Websites to Personalized Web Views. <i>Lecture Notes in Computer Science</i> , 2004 , 111-121	0.9	1
25	Visual Terrain Analysis of High-Dimensional Datasets. <i>Lecture Notes in Computer Science</i> , 2005 , 593-600	0.9	1
24	EStream: Online Mining of Frequent Sets with Precise Error Guarantee. <i>Lecture Notes in Computer Science</i> , 2006 , 312-321	0.9	1
23	The Influence of Interaction Attributes on Trust in Virtual Communities. <i>Lecture Notes in Computer Science</i> , 2012 , 268-279	0.9	1
22	Private Boolean Query Processing on Encrypted Data. <i>Lecture Notes in Computer Science</i> , 2016 , 321-332	0.9	1
21	A Confidentiality-Preserving Search Technique for Encrypted Relational Cloud Databases 2016 ,		1
20	Storage Management of a Historical Web Warehousing System. <i>Lecture Notes in Computer Science</i> , 2000 , 457-466	0.9	1
19	On Warehousing Historical Web Information. <i>Lecture Notes in Computer Science</i> , 2000 , 253-266	0.9	1
18	Modelling and Predicting Web Page Accesses Using Burrell's Model. <i>Lecture Notes in Computer Science</i> , 2002 , 172-181	0.9	1
17	Constraint-Free Join Processing on Hyperlinked Web Data. <i>Lecture Notes in Computer Science</i> , 2002 , 255-264	1.5	1
16	Parameter driven synthetic web database generation. <i>Journal of Systems and Software</i> , 2004 , 69, 29-42	3.3	0
15	Constraint-driven join processing in a Web Warehouse. <i>Data and Knowledge Engineering</i> , 2003 , 45, 33-78	1.5	0
14	ViDE: A Visual Data Extraction Environment for the Web. <i>Lecture Notes in Computer Science</i> , 2001 , 577-586	0.9	0
13	Scalable, On-Demand Secure Multiparty Computation for Privacy-Aware Blockchains. <i>Communications in Computer and Information Science</i> , 2020 , 196-211	0.3	0
12	Groupon and Groupon Now: Participating Firm's Profitability Analysis. <i>Computational Economics</i> , 2019 , 53, 617-632	1.4	0

11	OWDEAH: Online Web Data Extraction Based on Access History. <i>Lecture Notes in Computer Science</i> , 2004 , 269-278	0.9
10	What can a web bag discover for you?. <i>Data and Knowledge Engineering</i> , 2002 , 43, 79-119	1.5
9	Global View Maintenance by Using Inference Relationship among Views. <i>Lecture Notes in Computer Science</i> , 2000 , 291-298	0.9
8	Query Integration for Refreshing Web Views. <i>Lecture Notes in Computer Science</i> , 2001 , 557-566	0.9
7	Mining Relationship Graphs for Effective Business Objectives. <i>Lecture Notes in Computer Science</i> , 2002 , 561-566	0.9
6	Graph-Based Data Mining 2007 , 291-307	
5	Hybrid Subspace Mixture Models for Prediction and Anomaly Detection in High Dimensions. <i>Lecture Notes in Computer Science</i> , 2017 , 326-339	0.9
4	Satrap: Data and Network Heterogeneity Aware P2P Data-Mining. <i>Lecture Notes in Computer Science</i> , 2010 , 63-70	0.9
3	Incremental Privacy-Preserving Association Rule Mining Using Negative Border. <i>Lecture Notes in Computer Science</i> , 2016 , 87-100	0.9
2	Highly Scalable Beaver Triple Generator from Additively Homomorphic Encryption. <i>Lecture Notes in Networks and Systems</i> , 2022 , 504-514	0.5
1	Beaver Triple Generator from Multiplicatively Homomorphic Key Management Protocol. <i>Lecture Notes in Networks and Systems</i> , 2022 , 492-503	0.5