Aixin Sun

List of Publications by Year
in descending order

191 papers	8,155 citations	236925 25 h-index	149698 56 g-index
197 all docs	197 docs citations	197 times ranked	5176 citing authors

#	Article	IF	Citations
1	A Survey on Deep Learning for Named Entity Recognition. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 50-70.	5.7	542
2	Point-of-Interest Recommendation With Global and Local Context. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 5484-5495.	5.7	25
3	Aspect-Based Sentiment Analysis Through EDU-Level Attentions. Lecture Notes in Computer Science, 2022, , 156-168.	1.3	2
4	An Embarrassingly Simple Model for Dialogue Relation Extraction. , 2022, , .		7
5	Deep Learning for Recommender Systems. , 2022, , 173-210.		0
6	Neural Named Entity Boundary Detection. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 1790-1795.	5.7	17
7	Will Your Paper Get Promoted by a Citation? A Case Study of Citation Promoter in Computer Science Discipline. IEEE Transactions on Emerging Topics in Computing, 2021, 9, 238-245.	4.6	2
8	Understanding the stability of medical concept embeddings. Journal of the Association for Information Science and Technology, 2021, 72, 346-356.	2.9	1
9	Tweet-aware News Summarization with Dual-Attention Mechanism. , 2021, , .		2
10	Video Corpus Moment Retrieval with Contrastive Learning. , 2021, , .		29
11	Pre-training Graph Transformer with Multimodal Side Information for Recommendation. , 2021, , .		33
12	Editorial: Real-time Dynamic Network Learning for Location Inference Modelling and Computing. Neurocomputing, 2021, 472, 198-198.	5.9	3
13	Deep Learning Based Recommender System. ACM Computing Surveys, 2020, 52, 1-38.	23.0	811
14	Collective Named Entity Recognition in User Comments via Parameterized Label Propagation. Journal of the Association for Information Science and Technology, 2020, 71, 568-577.	2.9	3
15	NEXT: a neural network framework for next POI recommendation. Frontiers of Computer Science, 2020, 14, 314-333.	2.4	44
16	DeepRouting: A Deep Neural Network Approach for Ticket Routing in Expert Network. , 2020, , .		3
17	Efficient Approximation Algorithms for Adaptive Target Profit Maximization. , 2020, , .		13
18	Efficient approximation algorithms for adaptive influence maximization. VLDB Journal, 2020, 29, 1385-1406.	4.1	27

#	Article	IF	Citations
19	CATN. , 2020, , .		95
20	A Re-visit of the Popularity Baseline in Recommender Systems. , 2020, , .		19
21	Span-based Localizing Network for Natural Language Video Localization. , 2020, , .		104
22	Anomaly Detection on Dynamic Bipartite Graph with Burstiness. , 2020, , .		4
23	LinkLive: discovering Web learning resources for developers from Q&A discussions. World Wide Web, 2019, 22, 1699-1725.	4.0	6
24	Learning-Based Outdoor Localization Exploiting Crowd-Labeled WiFi Hotspots. IEEE Transactions on Mobile Computing, 2019, 18, 896-909.	5.8	31
25	Pair-Linking for Collective Entity Disambiguation: Two Could Be Better Than All. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 1383-1396.	5.7	27
26	Community Detection on Large Complex Attribute Network. , 2019, , .		39
27	Efficient Approximation Algorithms for Adaptive Seed Minimization. , 2019, , .		22
28	Aspect-level Sentiment Analysis using AS-Capsules. , 2019, , .		46
29	A Study on Agreement in PICO Span Annotations. , 2019, , .		4
30	Learning Travel Time Distributions with Deep Generative Model. , 2019, , .		40
31	AUC-MF: Point of Interest Recommendation with AUC Maximization. , 2019, , .		25
32	Seed-Guided Topic Model for Document Filtering and Classification. ACM Transactions on Information Systems, 2019, 37, 1-37.	4.9	24
33	Collecting eventâ€related tweets from twitter stream. Journal of the Association for Information Science and Technology, 2019, 70, 176-186.	2.9	12
34	Deep neural networks meet recommender systems. , 2019, , 9-33.		2
35	ChID: A Large-scale Chinese IDiom Dataset for Cloze Test. , 2019, , .		28
36	Robust Representation Learning of Biomedical Names. , 2019, , .		27

#	ARTICLE	IF	CITATIONS
37	DeepRec: An Open-source Toolkit for Deep Learning based Recommendation. , 2019, , .		13
38	Subtopic-driven Multi-Document Summarization. , 2019, , .		9
39	Enhancing Topic Modeling for Short Texts with Auxiliary Word Embeddings. ACM Transactions on Information Systems, 2018, 36, 1-30.	4.9	109
40	A Survey of Location Prediction on Twitter. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 1652-1671.	5.7	161
41	Semi-Supervised Spam Detection in Twitter Stream. IEEE Transactions on Computational Social Systems, 2018, 5, 169-175.	4.4	96
42	Linking Fine-Grained Locations in User Comments. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 59-72.	5.7	14
43	Learning to answer programming questions with software documentation through social context embedding. Information Sciences, 2018, 448-449, 36-52.	6.9	21
44	Exploring prestigious citations sourced from top universities in bibliometrics and altmetrics: a case study in the computer science discipline. Scientometrics, 2018, 114, 1-17.	3.0	28
45	Linking Fine-Grained Locations in User Comments (Extended Abstract). , 2018, , .		0
46	Towards Effective Extraction and Linking of Software Mentions from User-Generated Support Tickets. , 2018, , .		6
47	Joint Implicit and Explicit Neural Networks for Question Recommendation in CQA Services. IEEE Access, 2018, 6, 73081-73092.	4.2	8
48	Correction to "A Survey of Location Prediction on Twitter". IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 2227-2227.	5.7	10
49	A time-aware trajectory embedding model for next-location recommendation. Knowledge and Information Systems, 2018, 56, 559-579.	3.2	26
50	API Caveat Explorer -- Surfacing Negative Usages from Practice. , 2018, , .		9
51	Seed-driven Document Ranking for Systematic Reviews in Evidence-Based Medicine. , 2018, , .		20
52	Killing Two Birds With One Stone. , 2018, , .		1
53	CoNEREL. , 2018, , .		3
54	To Do or Not To Do: Distill crowdsourced negative caveats to augment api documentation. Journal of the Association for Information Science and Technology, 2018, 69, 1460-1475.	2.9	4

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55	Sentiment Analysis by Capsules. , 2018, , .		138
56	Efficient algorithms for adaptive influence maximization. Proceedings of the VLDB Endowment, 2018, 11, 1029-1040.	3.8	42
57	NeuRec: On Nonlinear Transformation for Personalized Ranking. , 2018, , .		33
58	SegBot: A Generic Neural Text Segmentation Model with Pointer Network. , 2018, , .		52
59	Extracting fine‐grained location with temporal awareness in tweets: A two‐stage approach. Journal of the Association for Information Science and Technology, 2017, 68, 1652-1670.	2.9	18
60	An analysis of 14 Million tweets on hashtag‐oriented spamming*. Journal of the Association for Information Science and Technology, 2017, 68, 1638-1651.	2.9	13
61	Cross-Device User Linking. , 2017, , .		6
62	Exploring prestigious citations sourced from top universities across disciplines. Proceedings of the Association for Information Science and Technology, 2017, 54, 251-259.	0.6	2
63	Searching for the internet of things: where it is and what it looks like. Personal and Ubiquitous Computing, 2017, 21, 1097-1112.	2.8	15
64	Semi-Supervised Event-related Tweet Identification with Dynamic Keyword Generation. , 2017, , .		12
65	Mean Average Distance to Resolver: An Evaluation Metric for Ticket Routing in Expert Network. , 2017, , .		3
66	NeuPL. , 2017, , .		48
67	Time Expression Analysis and Recognition Using Syntactic Token Types and General Heuristic Rules. , 2017, , .		36
68	Entity Recognition by Distant Supervision with Soft List Constraint. Lecture Notes in Computer Science, 2017, , 681-694.	1.3	0
69	Effect of Spam on Hashtag Recommendation for Tweets. , 2016, , .		5
70	Effective Document Labeling with Very Few Seed Words. , 2016, , .		42
71	Discovering Neighborhood Pattern Queries by sample answers in knowledge base. , 2016, , .		26
72	Topic Modeling for Short Texts with Auxiliary Word Embeddings. , 2016, , .		188

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73	Annotating Points of Interest with Geo-tagged Tweets. , 2016, , .		15
74	Joint Recognition and Linking of Fine-Grained Locations from Tweets. , 2016, , .		31
75	Mobile phone name extraction from internet forums: a semi-supervised approach. World Wide Web, 2016, 19, 783-805.	4.0	11
76	When MetaMap Meets Social Media in Healthcare: Are the Word Labels Correct?. Lecture Notes in Computer Science, 2016, , 356-362.	1.3	1
77	Did You Know? A Rule-Based Approach to Finding Similar Questions on Online Health Forums. , 2015, , .		1
78	Tweet Segmentation and Its Application to Named Entity Recognition. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 558-570.	5.7	68
79	Conformity-aware influence maximization in online social networks. VLDB Journal, 2015, 24, 117-141.	4.1	66
80	Who, Where, When, and What. ACM Transactions on Information Systems, 2015, 33, 1-33.	4.9	69
81	HSpam14. , 2015, , .		58
82	PRISM. Proceedings of the VLDB Endowment, 2015, 8, 1868-1871.	3.8	2
83	Tagging Your Tweets. , 2014, , .		35
84	Exploiting Geographical Neighborhood Characteristics for Location Recommendation. , 2014, , .		234
85	Towards context-aware search with right click. , 2014, , .		4
86	PRISM. , 2014, , .		14
87	Graph-based Point-of-interest Recommendation with Geographical and Temporal Influences. , 2014, , .		170
88	Why not, WINE?. , 2014, , .		2
89	Your neighbors affect your ratings. , 2014, , .		99
90	Summarizing social image search results. , 2014, , .		3

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91	Hashtag recommendation for hyperlinked tweets. , 2014, , .		57
92	Affinity-driven blog cascade analysis and prediction. Data Mining and Knowledge Discovery, 2014, 28, 442-474.	3.7	4
93	Fine-grained location extraction from tweets with temporal awareness. , 2014, , .		72
94	Time-aware point-of-interest recommendation. , 2013, , .		527
95	Predicting event-relatedness of popular queries. , 2013, , .		7
96	Who, where, when and what. , 2013, , .		179
97	On predicting the popularity of newly emerging hashtags in <scp>T</scp>witter. Journal of the Association for Information Science and Technology, 2013, 64, 1399-1410.	2.6	179
98	<scp>TSDW</scp>: Twoâ€stage word sense disambiguation using Wikipedia. Journal of the Association for Information Science and Technology, 2013, 64, 1203-1223.	2.6	12
99	MESSIAH. , 2013, , .		13
100	Why not, WINE?. , 2013, , .		16
101	Exploiting hybrid contexts for Tweet segmentation. , 2013, , .		14
102	Crest: Cluster-based Representation Enrichment for Short Text Classification. Lecture Notes in Computer Science, 2013, , 256-267.	1.3	15
103	Are Most-Viewed News Articles Most-Shared?. Lecture Notes in Computer Science, 2013, , 404-415.	1.3	0
104	Will this #hashtag be popular tomorrow?. , 2012, , .		59
105	CASIS. , 2012, , .		4
106	Short text classification using very few words. , 2012, , .		68
107	Category hierarchy maintenance. , 2012, , .		8
108	TwiNER. , 2012, , .		157

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109	Twevent. , 2012, , .		227
110	Lessons from learner experiences in a field-based inquiry in geography using mobile devices. International Research in Geographical and Environmental Education, 2012, 21, 41-58.	1.6	32
111	Mining latent relations in peer-production environments: a case study with Wikipedia article similarity and controversy. Social Network Analysis and Mining, 2012, 2, 265-278.	2.8	11
112	Topic-driven reader comments summarization. , 2012, , .		79
113	Content is still king. , 2012, , .		10
114	An evaluation of classification models for question topic categorization. Journal of the Association for Information Science and Technology, 2012, 63, 889-903.	2.6	31
115	Query-Guided Event Detection From News and Blog Streams. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2011, 41, 834-839.	2.9	21
116	Detecting spam blogs from blog search results. Information Processing and Management, 2011, 47, 246-262.	8.6	16
117	Web classification of conceptual entities using co-training. Expert Systems With Applications, 2011, 38, 14367-14375.	7.6	10
118	AffRank: Affinity-driven ranking of products in online social rating networks. Journal of the Association for Information Science and Technology, 2011, 62, 1345-1359.	2.6	9
119	Tag-based social image retrieval: An empirical evaluation. Journal of the Association for Information Science and Technology, 2011, 62, 2364-2381.	2.6	50
120	Visualizing and querying semantic social networks. , 2011, , .		2
121	Semantic tag recommendation using concept model. , 2011, , .		4
122	CASINO. , 2011, , .		34
123	Social image tag recommendation by concept matching. , 2011, , .		24
124	A Generalized Method for Word Sense Disambiguation Based on Wikipedia. Lecture Notes in Computer Science, 2011, , 653-664.	1.3	16
125	Quantifying Visual-Representativeness of Social Image Tags Using Image Tag Clarity. , 2011, , 3-23.		5
126	Do Wikipedians follow domain experts?. , 2010, , .		12

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127	Enhancing search in a geospatial multimedia annotation system. , 2010, , .		1
128	Affinity-driven prediction and ranking of products in online product review sites. , 2010, , .		13
129	Quantifying tag representativeness of visual content of social images. , 2010, , .		29
130	Managing Media Rich Geo-spatial Annotations for a Map-Based Mobile Application Using Clustering. , 2010, , .		3
131	Do You Trust to Get Trust? A Study of Trust Reciprocity Behaviors and Reciprocal Trust Prediction. , 2010, , .		20
132	Visualizing and Exploring Evolving Information Networks in Wikipedia. Lecture Notes in Computer Science, 2010, , 50-60.	1.3	0
133	Information Integration for Graph Databases. , 2010, , 265-281.		1
134	Investigating Perceptions of a Location-Based Annotation System. Lecture Notes in Computer Science, 2010, , 232-242.	1.3	1
135	i AVATAR. Proceedings of the VLDB Endowment, 2010, 3, 1609-1612.	3.8	2
136	Quality-aware collaborative question answering. , 2009, , .		86
137	SSnetViz. , 2009, , .		2
138	What makes categories difficult to classify?. , 2009, , .		2
139	Blog cascade affinity. , 2009, , .		13
140	Trust relationship prediction using online product review data. , 2009, , .		43
141	On strategies for imbalanced text classification using SVM: A comparative study. Decision Support Systems, 2009, 48, 191-201.	5.9	202
142	Imbalanced text classification: A term weighting approach. Expert Systems With Applications, 2009, 36, 690-701.	7.6	182
143	Exploring Hierarchically Organized Georeferenced Multimedia Annotations in the MobiTOP System. , 2009, , .		12
144	Sharing Hierarchical Mobile Multimedia Content Using the MobiTOP System. , 2009, , .		5

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145	To Trust or Not to Trust? Predicting Online Trusts Using Trust Antecedent Framework. , 2009, , .		44
146	Image tag clarity. , 2009, , .		35
147	Sharing Mobile Multimedia Annotations to Support Inquiry-Based Learning Using MobiTOP. Lecture Notes in Computer Science, 2009, , 171-182.	1.3	10
148	Predicting trusts among users of online communities. , 2008, , .		133
149	Searching blogs and news. , 2008, , .		16
150	Representative entry selection for profiling blogs. , 2008, , .		1
151	On profiling blogs with representative entries. , 2008, , .		7
152	Online spam-blog detection through blog search. , 2008, , .		10
153	On ranking controversies in wikipedia. , 2008, , .		63
154	Comments-oriented document summarization. , 2008, , .		96
155	Event detection with common user interests. , 2008, , .		11
156	TagNSearch: Searching and Navigating Geo-referenced Collections of Photographs. Lecture Notes in Computer Science, 2008, , 62-73.	1.3	9
157	MobiTOP: Accessing Hierarchically Organized Georeferenced Multimedia Annotations. Lecture Notes in Computer Science, 2008, , 412-413.	1.3	1
158	On Visualizing Heterogeneous Semantic Networks from Multiple Data Sources. Lecture Notes in Computer Science, 2008, , 266-275.	1.3	0
159	Mobile digital libraries for geography education. , 2007, , .		1
160	On improving wikipedia search using article quality. , 2007, , .		10
161	Measuring article quality in wikipedia. , 2007, , .		165
162	Social bookmarking in digital library systems. , 2007, , .		0

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163	SLOQUE. , 2007, , .		1
164	Mobile G-Portal supporting collaborative sharing and learning in geography fieldwork. , 2007, , .		26
165	Comments-oriented blog summarization by sentence extraction. , 2007, , .		73
166	Key Element-Context Model: An Approach to Efficient Web Metadata Maintenance. Lecture Notes in Computer Science, 2007, , 63-74.	1.3	2
167	Blog Classification Using Tags: An Empirical Study. , 2007, , 307-316.		18
168	Social Navigation in Digital Libraries by Bookmarking. , 2007, , 297-306.		7
169	Automatic Text Summarization in Engineering Information Management. , 2007, , 347-350.		1
170	An energy-efficient and access latency optimized indexing scheme for wireless data broadcast. IEEE Transactions on Knowledge and Data Engineering, 2006, 18, 1111-1124.	5.7	48
171	Fast and Scalable Access to Advance Resource Reservation Data in Future Cellular Networks. , 2006, , .		1
172	Web unit-based mining of homepage relationships. Journal of the Association for Information Science and Technology, 2006, 57, 394-407.	2.6	1
173	Measuring Qualities of Articles Contributed by Online Communities. , 2006, , .		33
174	i Wed: An Integrated Multigraph Cut-Based Approach for Detecting Events from a Website. Lecture Notes in Computer Science, 2006, , 351-360.	1.3	2
175	Finding and classifying web units in websites. International Journal of Business Intelligence and Data Mining, 2005, 1, 161.	0.2	1
176	Discovery of concept entities from web sites using web unit mining. International Journal of Web Information Systems, 2005, 1, 123-136.	2.4	3
177	Web data extraction based on structural similarity. Knowledge and Information Systems, 2005, 8, 438-461.	3.2	26
178	On assigning place names to geography related web pages. , 2005, , .		51
179	Personalized project space for managing metadata of geography learning objects. , 2005, , .		1
180	Spectral Kernels for Classification. Lecture Notes in Computer Science, 2005, , 520-529.	1.3	3

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181	Managing Geography Learning Objects Using Personalized Project Spaces in G-Portal. Lecture Notes in Computer Science, 2005, , 336-343.	1.3	2
182	Blocking reduction strategies in hierarchical text classification. IEEE Transactions on Knowledge and Data Engineering, 2004, 16, 1305-1308.	5.7	43
183	Supporting Field Study with Personalized Project Spaces in a Geographical Digital Library. Lecture Notes in Computer Science, 2004, , 553-562.	1.3	4
184	Performance measurement framework for hierarchical text classification. Journal of the Association for Information Science and Technology, 2003, 54, 1014-1028.	2.6	56
185	Web unit mining. , 2003, , .		20
186	Using Support Vector Machines for Terrorism Information Extraction. Lecture Notes in Computer Science, 2003, , 1-12.	1.3	13
187	Hierarchical Text Classification Methods and Their Specification. , 2003, , 236-256.		8
188	Personalized Classification for Keyword-Based Category Profiles. Lecture Notes in Computer Science, 2002, , 61-74.	1.3	3
189	Web classification using support vector machine. , 2002, , .		153
190	PRICE WATCHER AGENT FOR E-COMMERCE. , 2001, , .		4
191	Hierarchical text classification and evaluation. , 0, , .		90