

Aixin Sun

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.

177
papers

5,010
citations

36
h-index

66
g-index

197
ext. papers

6,357
ext. citations

2.6
avg, IF

6.34
L-index

#	Paper	IF	Citations
177	Aspect-Based Sentiment Analysis Through EDU-Level Attentions. <i>Lecture Notes in Computer Science</i> , 2022 , 156-168	0.9	
176	Deep Learning for Recommender Systems 2022 , 173-210		
175	Pre-training Graph Transformer with Multimodal Side Information for Recommendation 2021 ,		4
174	Neural Named Entity Boundary Detection. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2021 , 33, 1790-1795	4.2	4
173	Will Your Paper Get Promoted by a Citation? A Case Study of Citation Promoter in Computer Science Discipline. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2021 , 9, 238-245	4.1	
172	Understanding the stability of medical concept embeddings. <i>Journal of the Association for Information Science and Technology</i> , 2021 , 72, 346-356	2.7	1
171	Point-of-Interest Recommendation with Global and Local Context. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2021 , 1-1	4.2	6
170	Efficient Approximation Algorithms for Adaptive Target Profit Maximization 2020 ,		9
169	A Survey on Deep Learning for Named Entity Recognition. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	118
168	Efficient approximation algorithms for adaptive influence maximization. <i>VLDB Journal</i> , 2020 , 29, 1385-1406	3.9	11
167	CATN 2020 ,		18
166	A Re-visit of the Popularity Baseline in Recommender Systems 2020 ,		4
165	Span-based Localizing Network for Natural Language Video Localization 2020 ,		21
164	Collective Named Entity Recognition in User Comments via Parameterized Label Propagation. <i>Journal of the Association for Information Science and Technology</i> , 2020 , 71, 568-577	2.7	0
163	NEXT: a neural network framework for next POI recommendation. <i>Frontiers of Computer Science</i> , 2020 , 14, 314-333	2.2	22
162	Learning Travel Time Distributions with Deep Generative Model 2019 ,		15
161	AUC-MF: Point of Interest Recommendation with AUC Maximization 2019 ,		8

160	Deep Learning Based Recommender System. <i>ACM Computing Surveys</i> , 2019 , 52, 1-38	13.4	420
159	LinkLive: discovering Web learning resources for developers from Q&A discussions. <i>World Wide Web</i> , 2019 , 22, 1699-1725	2.9	6
158	Learning-Based Outdoor Localization Exploiting Crowd-Labeled WiFi Hotspots. <i>IEEE Transactions on Mobile Computing</i> , 2019 , 18, 896-909	4.6	14
157	Pair-Linking for Collective Entity Disambiguation: Two Could Be Better Than All. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2019 , 31, 1383-1396	4.2	14
156	Community Detection on Large Complex Attribute Network 2019 ,		24
155	Efficient Approximation Algorithms for Adaptive Seed Minimization 2019 ,		14
154	Aspect-level Sentiment Analysis using AS-Capsules 2019 ,		26
153	A Study on Agreement in PICO Span Annotations 2019 ,		1
152	CHID: A Large-scale Chinese IDiom Dataset for Cloze Test 2019 ,		7
151	Robust Representation Learning of Biomedical Names 2019 ,		6
150	DeepRec: An Open-source Toolkit for Deep Learning based Recommendation 2019 ,		5
149	Seed-Guided Topic Model for Document Filtering and Classification. <i>ACM Transactions on Information Systems</i> , 2019 , 37, 1-37	4.8	14
148	Collecting event-related tweets from twitter stream. <i>Journal of the Association for Information Science and Technology</i> , 2019 , 70, 176-186	2.7	10
147	A Survey of Location Prediction on Twitter. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2018 , 30, 1652-1671	4.2	93
146	. <i>IEEE Transactions on Computational Social Systems</i> , 2018 , 5, 169-175	4.5	67
145	Linking Fine-Grained Locations in User Comments. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2018 , 30, 59-72	4.2	10
144	Learning to answer programming questions with software documentation through social context embedding. <i>Information Sciences</i> , 2018 , 448-449, 36-52	7.7	14
143	API Caveat Explorer -- Surfacing Negative Usages from Practice 2018 ,		4

142	Seed-driven Document Ranking for Systematic Reviews in Evidence-Based Medicine 2018 ,		7
141	Killing Two Birds With One Stone 2018 ,		1
140	CoNEREL 2018 ,		2
139	To Do or Not To Do: Distill crowdsourced negative caveats to augment api documentation. <i>Journal of the Association for Information Science and Technology</i> , 2018 , 69, 1460-1475	2.7	2
138	Sentiment Analysis by Capsules 2018 ,		74
137	Efficient algorithms for adaptive influence maximization. <i>Proceedings of the VLDB Endowment</i> , 2018 , 11, 1029-1040	3.1	26
136	NeuRec: On Nonlinear Transformation for Personalized Ranking 2018 ,		20
135	SegBot: A Generic Neural Text Segmentation Model with Pointer Network 2018 ,		16
134	Exploring prestigious citations sourced from top universities in bibliometrics and altmetrics: a case study in the computer science discipline. <i>Scientometrics</i> , 2018 , 114, 1-17	3	22
133	Joint Implicit and Explicit Neural Networks for Question Recommendation in CQA Services. <i>IEEE Access</i> , 2018 , 6, 73081-73092	3.5	4
132	Correction to "A Survey of Location Prediction on Twitter". <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2018 , 30, 2227-2227	4.2	8
131	A time-aware trajectory embedding model for next-location recommendation. <i>Knowledge and Information Systems</i> , 2018 , 56, 559-579	2.4	20
130	Extracting fine-grained location with temporal awareness in tweets: A two-stage approach. <i>Journal of the Association for Information Science and Technology</i> , 2017 , 68, 1652-1670	2.7	11
129	An analysis of 14 Million tweets on hashtag-oriented spamming*. <i>Journal of the Association for Information Science and Technology</i> , 2017 , 68, 1638-1651	2.7	10
128	NeuPL 2017 ,		29
127	Enhancing Topic Modeling for Short Texts with Auxiliary Word Embeddings. <i>ACM Transactions on Information Systems</i> , 2017 , 36, 1-30	4.8	72
126	Cross-Device User Linking 2017 ,		3
125	Exploring prestigious citations sourced from top universities across disciplines. <i>Proceedings of the Association for Information Science and Technology</i> , 2017 , 54, 251-259	0.4	1

124	Searching for the internet of things: where it is and what it looks like. <i>Personal and Ubiquitous Computing</i> , 2017 , 21, 1097-1112	2.1	15
123	Semi-Supervised Event-related Tweet Identification with Dynamic Keyword Generation 2017 ,		8
122	Mean Average Distance to Resolver: An Evaluation Metric for Ticket Routing in Expert Network 2017 ,		1
121	Time Expression Analysis and Recognition Using Syntactic Token Types and General Heuristic Rules 2017 ,		18
120	Entity Recognition by Distant Supervision with Soft List Constraint. <i>Lecture Notes in Computer Science</i> , 2017 , 681-694	0.9	
119	Effective Document Labeling with Very Few Seed Words 2016 ,		23
118	Discovering Neighborhood Pattern Queries by sample answers in knowledge base 2016 ,		19
117	Topic Modeling for Short Texts with Auxiliary Word Embeddings 2016 ,		120
116	Annotating Points of Interest with Geo-tagged Tweets 2016 ,		12
115	Joint Recognition and Linking of Fine-Grained Locations from Tweets 2016 ,		23
114	Mobile phone name extraction from internet forums: a semi-supervised approach. <i>World Wide Web</i> , 2016 , 19, 783-805	2.9	5
113	When MetaMap Meets Social Media in Healthcare: Are the Word Labels Correct?. <i>Lecture Notes in Computer Science</i> , 2016 , 356-362	0.9	1
112	Effect of Spam on Hashtag Recommendation for Tweets 2016 ,		3
111	Who, Where, When, and What. <i>ACM Transactions on Information Systems</i> , 2015 , 33, 1-33	4.8	54
110	A Study of Visual and Semantic Similarity for Social Image Search Recommendation. <i>Lecture Notes in Computer Science</i> , 2015 , 347-357	0.9	
109	Tweet Segmentation and Its Application to Named Entity Recognition. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2015 , 27, 558-570	4.2	38
108	Conformity-aware influence maximization in online social networks. <i>VLDB Journal</i> , 2015 , 24, 117-141	3.9	55
107	HSpam14 2015 ,		39

106	PRISM. <i>Proceedings of the VLDB Endowment</i> , 2015 , 8, 1868-1871	3.1	0
105	Fine-grained location extraction from tweets with temporal awareness 2014 ,		55
104	Tagging Your Tweets 2014 ,		27
103	Exploiting Geographical Neighborhood Characteristics for Location Recommendation 2014 ,		159
102	Towards context-aware search with right click 2014 ,		4
101	PRISM 2014 ,		12
100	Graph-based Point-of-interest Recommendation with Geographical and Temporal Influences 2014 ,		129
99	Why not, WINE? 2014 ,		2
98	Your neighbors affect your ratings 2014 ,		81
97	Summarizing social image search results 2014 ,		3
96	Hashtag recommendation for hyperlinked tweets 2014 ,		37
95	Affinity-driven blog cascade analysis and prediction. <i>Data Mining and Knowledge Discovery</i> , 2014 , 28, 442-474	5.6	4
94	Time-aware point-of-interest recommendation 2013 ,		401
93	Predicting event-relatedness of popular queries 2013 ,		5
92	Who, where, when and what 2013 ,		140
91	On predicting the popularity of newly emerging hashtags in Twitter. <i>Journal of the Association for Information Science and Technology</i> , 2013 , 64, 1399-1410		132
90	TSDW: Two-stage word sense disambiguation using Wikipedia. <i>Journal of the Association for Information Science and Technology</i> , 2013 , 64, 1203-1223		11
89	MESSIAH 2013 ,		7

88	Why not, WINE? 2013 ,		16
87	Exploiting hybrid contexts for Tweet segmentation 2013 ,		12
86	Crest: Cluster-based Representation Enrichment for Short Text Classification. <i>Lecture Notes in Computer Science</i> , 2013 , 256-267	0.9	11
85	Are Most-Viewed News Articles Most-Shared?. <i>Lecture Notes in Computer Science</i> , 2013 , 404-415	0.9	
84	Mining latent relations in peer-production environments: a case study with Wikipedia article similarity and controversy. <i>Social Network Analysis and Mining</i> , 2012 , 2, 265-278	2.2	10
83	Topic-driven reader comments summarization 2012 ,		39
82	Content is still king 2012 ,		9
81	An evaluation of classification models for question topic categorization. <i>Journal of the Association for Information Science and Technology</i> , 2012 , 63, 889-903		23
80	Will this #hashtag be popular tomorrow? 2012 ,		44
79	CASIS 2012 ,		4
78	Short text classification using very few words 2012 ,		53
77	Category hierarchy maintenance 2012 ,		5
76	TwINER 2012 ,		103
75	Twevent 2012 ,		162
74	Lessons from learner experiences in a field-based inquiry in geography using mobile devices. <i>International Research in Geographical and Environmental Education</i> , 2012 , 21, 41-58	1.7	26
73	Query-Guided Event Detection From News and Blog Streams. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2011 , 41, 834-839		19
72	Detecting spam blogs from blog search results. <i>Information Processing and Management</i> , 2011 , 47, 246-263		14
71	Web classification of conceptual entities using co-training. <i>Expert Systems With Applications</i> , 2011 , 38, 14367-14375	7.8	10

70	AffRank: Affinity-driven ranking of products in online social rating networks. <i>Journal of the Association for Information Science and Technology</i> , 2011 , 62, 1345-1359		9
69	Tag-based social image retrieval: An empirical evaluation. <i>Journal of the Association for Information Science and Technology</i> , 2011 , 62, 2364-2381		39
68	Visualizing and querying semantic social networks 2011 ,		2
67	Semantic tag recommendation using concept model 2011 ,		3
66	CASINO 2011 ,		25
65	Social image tag recommendation by concept matching 2011 ,		15
64	A Generalized Method for Word Sense Disambiguation Based on Wikipedia. <i>Lecture Notes in Computer Science</i> , 2011 , 653-664	0.9	13
63	Quantifying Visual-Representativeness of Social Image Tags Using Image Tag Clarity 2011 , 3-23		4
62	Do Wikipedians follow domain experts? 2010 ,		7
61	Enhancing search in a geospatial multimedia annotation system 2010 ,		1
60	Affinity-driven prediction and ranking of products in online product review sites 2010 ,		11
59	Quantifying tag representativeness of visual content of social images 2010 ,		25
58	Managing Media Rich Geo-spatial Annotations for a Map-Based Mobile Application Using Clustering 2010 ,		3
57	Do You Trust to Get Trust? A Study of Trust Reciprocity Behaviors and Reciprocal Trust Prediction 2010 ,		17
56	Visualizing and Exploring Evolving Information Networks in Wikipedia. <i>Lecture Notes in Computer Science</i> , 2010 , 50-60	0.9	
55	Information Integration for Graph Databases 2010 , 265-281		
54	Investigating Perceptions of a Location-Based Annotation System. <i>Lecture Notes in Computer Science</i> , 2010 , 232-242	0.9	1
53	i AVATAR. <i>Proceedings of the VLDB Endowment</i> , 2010 , 3, 1609-1612	3.1	1

52	Quality-aware collaborative question answering 2009 ,		71
51	SSnetViz 2009 ,		2
50	Blog cascade affinity 2009 ,		7
49	Trust relationship prediction using online product review data 2009 ,		33
48	On strategies for imbalanced text classification using SVM: A comparative study. <i>Decision Support Systems</i> , 2009 , 48, 191-201	5.6	153
47	Imbalanced text classification: A term weighting approach. <i>Expert Systems With Applications</i> , 2009 , 36, 690-701	7.8	140
46	Exploring Hierarchically Organized Georeferenced Multimedia Annotations in the MobiTOP System 2009 ,		11
45	Sharing Hierarchical Mobile Multimedia Content Using the MobiTOP System 2009 ,		5
44	To Trust or Not to Trust? Predicting Online Trusts Using Trust Antecedent Framework 2009 ,		35
43	Image tag clarity 2009 ,		27
42	Sharing Mobile Multimedia Annotations to Support Inquiry-Based Learning Using MobiTOP. <i>Lecture Notes in Computer Science</i> , 2009 , 171-182	0.9	9
41	Predicting trusts among users of online communities 2008 ,		97
40	Searching blogs and news 2008 ,		11
39	On profiling blogs with representative entries 2008 ,		3
38	Online spam-blog detection through blog search 2008 ,		6
37	On ranking controversies in wikipedia 2008 ,		41
36	Comments-oriented document summarization 2008 ,		56
35	Event detection with common user interests 2008 ,		9

34	MobiTOP: Accessing Hierarchically Organized Georeferenced Multimedia Annotations. <i>Lecture Notes in Computer Science</i> , 2008 , 412-413	0.9	1
33	On Visualizing Heterogeneous Semantic Networks from Multiple Data Sources. <i>Lecture Notes in Computer Science</i> , 2008 , 266-275	0.9	
32	TagNSearch: Searching and Navigating Geo-referenced Collections of Photographs. <i>Lecture Notes in Computer Science</i> , 2008 , 62-73	0.9	8
31	On improving wikipedia search using article quality 2007 ,		5
30	Measuring article quality in wikipedia 2007 ,		121
29	Mobile G-Portal supporting collaborative sharing and learning in geography fieldwork 2007 ,		16
28	Comments-oriented blog summarization by sentence extraction 2007 ,		52
27	Social Navigation in Digital Libraries by Bookmarking 2007 , 297-306		5
26	Automatic Text Summarization in Engineering Information Management 2007 , 347-350		
25	Key Element-Context Model: An Approach to Efficient Web Metadata Maintenance. <i>Lecture Notes in Computer Science</i> , 2007 , 63-74	0.9	2
24	Blog Classification Using Tags: An Empirical Study 2007 , 307-316		13
23	Web unit-based mining of homepage relationships. <i>Journal of the Association for Information Science and Technology</i> , 2006 , 57, 394-407		1
22	Measuring Qualities of Articles Contributed by Online Communities 2006 ,		22
21	FISA: Feature-Based Instance Selection for Imbalanced Text Classification. <i>Lecture Notes in Computer Science</i> , 2006 , 250-254	0.9	2
20	An energy-efficient and access latency optimized indexing scheme for wireless data broadcast. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2006 , 18, 1111-1124	4.2	38
19	Fast and Scalable Access to Advance Resource Reservation Data in Future Cellular Networks 2006 ,		1
18	Querying E-Catalogs Using Content Summaries. <i>Lecture Notes in Computer Science</i> , 2006 , 109-126	0.9	1
17	iWed: An Integrated Multigraph Cut-Based Approach for Detecting Events from a Website. <i>Lecture Notes in Computer Science</i> , 2006 , 351-360	0.9	2

16	Integration of Wikipedia and a Geography Digital Library. <i>Lecture Notes in Computer Science</i> , 2006 , 449-458		4
15	Finding and classifying web units in websites. <i>International Journal of Business Intelligence and Data Mining</i> , 2005 , 1, 161	0.3	1
14	Discovery of concept entities from web sites using web unit mining. <i>International Journal of Web Information Systems</i> , 2005 , 1, 123-136	0.9	3
13	Web data extraction based on structural similarity. <i>Knowledge and Information Systems</i> , 2005 , 8, 438-461	2.4	17
12	On assigning place names to geography related web pages 2005 ,		43
11	Managing Geography Learning Objects Using Personalized Project Spaces in G-Portal. <i>Lecture Notes in Computer Science</i> , 2005 , 336-343	0.9	2
10	Spectral Kernels for Classification. <i>Lecture Notes in Computer Science</i> , 2005 , 520-529	0.9	3
9	Blocking reduction strategies in hierarchical text classification. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2004 , 16, 1305-1308	4.2	32
8	Supporting Field Study with Personalized Project Spaces in a Geographical Digital Library. <i>Lecture Notes in Computer Science</i> , 2004 , 553-562	0.9	4
7	Web unit mining 2003 ,		12
6	Performance measurement framework for hierarchical text classification. <i>Journal of the Association for Information Science and Technology</i> , 2003 , 54, 1014-1028		31
5	Hierarchical Text Classification Methods and Their Specification 2003 , 236-256		3
4	Using Support Vector Machines for Terrorism Information Extraction. <i>Lecture Notes in Computer Science</i> , 2003 , 1-12	0.9	10
3	Web classification using support vector machine 2002 ,		94
2	Personalized Classification for Keyword-Based Category Profiles. <i>Lecture Notes in Computer Science</i> , 2002 , 61-74	0.9	2
1	Hierarchical text classification and evaluation		20