

Zhendong Niu

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.

241
papers

2,935
citations

26
h-index

43
g-index

293
ext. papers

3,763
ext. citations

3.3
avg. IF

6.07
L-index

#	Paper	IF	Citations
241	Multi-level Attention Map Network for Multimodal Sentiment Analysis. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2022 , 1-1	4.2	1
240	Learning I/O Variables from Scientific Software User Manuals. <i>Lecture Notes in Computer Science</i> , 2022 , 503-516	0.9	0
239	Co-AI: A Colab-Based Tool for Abstraction Identification 2021 ,		1
238	Recommending Learning Objects through Attentive Heterogeneous Graph Convolution and Operation-Aware Neural Network. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2021 , 1-1	4.2	2
237	Contextual Understanding and Improvement of Metamorphic Testing in Scientific Software Development 2021 ,		1
236	Recommending scientific paper via heterogeneous knowledge embedding based attentive recurrent neural networks. <i>Knowledge-Based Systems</i> , 2021 , 215, 106744	7.3	12
235	MHCPDP: multi-source heterogeneous cross-project defect prediction via multi-source transfer learning and autoencoder. <i>Software Quality Journal</i> , 2021 , 29, 405	1.2	5
234	CNN with depthwise separable convolutions and combined kernels for rating prediction. <i>Expert Systems With Applications</i> , 2021 , 170, 114528	7.8	9
233	Finding Metamorphic Relations for Scientific Software 2021 ,		2
232	Social Signal-Driven Knowledge Automation: A Focus on Social Transportation. <i>IEEE Transactions on Computational Social Systems</i> , 2021 , 8, 737-753	4.5	7
231	Unit and regression tests of scientific software: A study on SWMM. <i>Journal of Computational Science</i> , 2021 , 53, 101347-101347	3.4	3
230	EKGTF: A knowledge-enhanced model for optimizing social network-based meteorological briefings. <i>Information Processing and Management</i> , 2021 , 58, 102564	6.3	4
229	Hybrid microblog recommendation with heterogeneous features using deep neural network. <i>Expert Systems With Applications</i> , 2021 , 167, 114191	7.8	7
228	Review text based rating prediction approaches: preference knowledge learning, representation and utilization. <i>Artificial Intelligence Review</i> , 2021 , 54, 1171-1200	9.7	7
227	A Deep Hybrid Model for Recommendation by jointly leveraging ratings, reviews and metadata information. <i>Engineering Applications of Artificial Intelligence</i> , 2021 , 97, 104066	7.2	6
226	Improving University Faculty Evaluations via multi-view Knowledge Graph. <i>Future Generation Computer Systems</i> , 2021 , 117, 181-192	7.5	6
225	Deep learning techniques for rating prediction: a survey of the state-of-the-art. <i>Artificial Intelligence Review</i> , 2021 , 54, 95-135	9.7	10

224	A first look at developers' live chat on Gitter 2021 ,		2
223	XAI tools in the public sector: a case study on predicting combined sewer overflows 2021 ,		2
222	Learning deep relevance couplings for ad-hoc document retrieval. <i>Expert Systems With Applications</i> , 2021 , 183, 115335	7.8	0
221	TCIC_FS: Total correlation information coefficient-based feature selection method for high-dimensional data. <i>Knowledge-Based Systems</i> , 2021 , 231, 107418	7.3	1
220	I/O Associations in Scientific Software: A Study of SWMM. <i>Lecture Notes in Computer Science</i> , 2021 , 375-389		1
219	Detecting Software Security Vulnerabilities via Requirements Dependency Analysis. <i>IEEE Transactions on Software Engineering</i> , 2020 , 1-1	3.5	3
218	Requirements Engineering in the Days of Artificial Intelligence. <i>IEEE Software</i> , 2020 , 37, 7-10	1.5	10
217	Social weather: A review of crowdsourcing-assisted meteorological knowledge services through social cyberspace. <i>Geoscience Data Journal</i> , 2020 , 7, 61-79	2.5	10
216	Joint Deep Recommendation Model Exploiting Reviews and Metadata Information. <i>Neurocomputing</i> , 2020 , 402, 256-265	5.4	4
215	Heterogeneous Knowledge Learning of Predictive Academic Intelligence in Transportation. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 1-19	6.1	1
214	Learning Semantic Concepts and Temporal Alignment for Narrated Video Procedural Captioning 2020 ,		4
213	A novel approach to tracing safety requirements and state-based design models 2020 ,		3
212	Safety Patterns for SysML: What Does OMG Specify?. <i>Lecture Notes in Computer Science</i> , 2020 , 19-34	0.9	
211	Unit Tests of Scientific Software: A Study on SWMM. <i>Lecture Notes in Computer Science</i> , 2020 , 413-427	0.9	7
210	Deep residual network for highly accelerated fMRI reconstruction using variable density spiral trajectory. <i>Neurocomputing</i> , 2020 , 398, 338-346	5.4	3
209	Automatic generation of meteorological briefing by event knowledge guided summarization model. <i>Knowledge-Based Systems</i> , 2020 , 192, 105379	7.3	7
208	Faulty Requirements Made Valuable: On the Role of Data Quality in Deep Learning 2020 ,		5
207	Heterogeneous teaching evaluation network based offline course recommendation with graph learning and tensor factorization. <i>Neurocomputing</i> , 2020 , 415, 84-95	5.4	29

206	Relating the Empirical Foundations of Attack Generation and Vulnerability Discovery 2020 ,		1
205	Feature requests-based recommendation of software refactorings. <i>Empirical Software Engineering</i> , 2020 , 25, 4315-4347	3.3	6
204	Deep Learning Based Program Generation from Requirements Text: Are We There Yet?. <i>IEEE Transactions on Software Engineering</i> , 2020 , 1-1	3.5	5
203	Discovering Metamorphic Relations for Scientific Software From User Forums. <i>Computing in Science and Engineering</i> , 2020 , 23, 65-72	1.5	2
202	Complementarity in Requirements Tracing. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 1395-1404	10.2	5
201	A Hybrid E-Learning Recommendation Approach Based on Learners' Influence Propagation. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 32, 827-840	4.2	42
200	Wide-grained capsule network with sentence-level feature to detect meteorological event in social network. <i>Future Generation Computer Systems</i> , 2020 , 102, 323-332	7.5	12
199	Scientific Software Testing Goes Serverless: Creating and Invoking Metamorphic Functions. <i>IEEE Software</i> , 2020 , 38, 61-67	1.5	9
198	Hierarchical Text-Label Integrated Attention Network for Document Classification 2019 ,		2
197	Multi-task learning model based on recurrent convolutional neural networks for citation sentiment and purpose classification. <i>Neurocomputing</i> , 2019 , 335, 195-205	5.4	21
196	Special issue on just-in-time requirements engineering for software integration. <i>Journal of Industrial Information Integration</i> , 2019 , 14, 1-2	7	
195	Academic rising star prediction via scholar's evaluation model and machine learning techniques. <i>Scientometrics</i> , 2019 , 120, 461-476	3	13
194	Topological reorganization after partial auditory deprivation-a structural connectivity study in single-sided deafness. <i>Hearing Research</i> , 2019 , 380, 75-83	3.9	7
193	User preferences prediction approach based on embedded deep summaries. <i>Expert Systems With Applications</i> , 2019 , 132, 87-98	7.8	9
192	An opinion based cross-regional meteorological event detection model. <i>Weather</i> , 2019 , 74, 51-55	0.9	6
191	Efficiently extracting frequent patterns from continuous uncertain data 2019 , 42, 225-235		1
190	Predicting the Post-therapy Severity Level (UPDRS-III) of Patients With Parkinson's Disease After Drug Therapy by Using the Dynamic Connectivity Efficiency of fMRI. <i>Frontiers in Neurology</i> , 2019 , 10, 668	4.1	6
189	Lean Learning of Risks in Students' Agile Teams 2019 , 263-281		1

188	Corrections to Requirements Socio-Technical Graphs for Managing Practitioners Traceability Questions <i>IEEE Transactions on Computational Social Systems</i> , 2019 , 6, 190-190	4.5	
187	SysML Modeling Mistakes and Their Impacts on Requirements 2019 ,		4
186	Multi-Scale Deformable CNN for Answer Selection. <i>IEEE Access</i> , 2019 , 7, 164986-164995	3.5	2
185	Attentive Dual Embedding for Understanding Medical Concepts in Electronic Health Records 2019 ,		8
184	Releasing Scientific Software in GitHub: A Case Study on SWMM2PEST 2019 ,		4
183	Automated Recommendation of Software Refactorings Based on Feature Requests 2019 ,		7
182	Improving Citation Sentiment and Purpose Classification Using Hybrid Deep Neural Network Model. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 327-336	0.4	2
181	Lexical based automated teaching evaluation via students short reviews. <i>Computer Applications in Engineering Education</i> , 2019 , 27, 194-205	1.6	26
180	In-Place Traceability for Automated Production Systems: A Survey of PLC and SysML Tools. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 3155-3162	11.9	9
179	Modeling positive and negative feedback for improving document retrieval. <i>Expert Systems With Applications</i> , 2019 , 120, 253-261	7.8	2
178	A survey on sentiment analysis of scientific citations. <i>Artificial Intelligence Review</i> , 2019 , 52, 1805-1838	9.7	33
177	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2019 , 31, 152-165	4.2	7
176	Concept coupling learning for improving concept lattice-based document retrieval. <i>Engineering Applications of Artificial Intelligence</i> , 2018 , 69, 65-75	7.2	10
175	A Novel Community Detection Method Based on Cluster Density Peaks. <i>Lecture Notes in Computer Science</i> , 2018 , 515-525	0.9	4
174	Requirements Engineering and Continuous Deployment. <i>IEEE Software</i> , 2018 , 35, 86-90	1.5	18
173	Automatically Tracing Dependability Requirements via Term-Based Relevance Feedback. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 342-349	11.9	22
172	Knowledge-based recommendation: a review of ontology-based recommender systems for e-learning. <i>Artificial Intelligence Review</i> , 2018 , 50, 21-48	9.7	159
171	Automatic approval prediction for software enhancement requests. <i>Automated Software Engineering</i> , 2018 , 25, 347-381	1.5	10

170	A hybrid recommender system for e-learning based on context awareness and sequential pattern mining. <i>Soft Computing</i> , 2018 , 22, 2449-2461	3.5	55
169	A Deep Reinforced Training Method for Location-Based Image Captioning. <i>Lecture Notes in Computer Science</i> , 2018 , 878-890	0.9	
168	Tensor factorization method based on review text semantic similarity for rating prediction. <i>Expert Systems With Applications</i> , 2018 , 114, 629-638	7.8	15
167	Citation Function Classification Based on Ontologies and Convolutional Neural Networks. <i>Communications in Computer and Information Science</i> , 2018 , 105-115	0.3	3
166	Answering the requirements traceability questions 2018 ,		2
165	Citation Classification Using Multitask Convolutional Neural Network Model. <i>Lecture Notes in Computer Science</i> , 2018 , 232-243	0.9	1
164	Assuring Virtual PLC in the Context of SysML Models. <i>Lecture Notes in Computer Science</i> , 2018 , 121-136	0.9	4
163	A New Scheme for Citation Classification based on Convolutional Neural Networks 2018 ,		2
162	Sensing Urban Transportation Events from Multi-Channel Social Signals with the Word2vec Fusion Model. <i>Sensors</i> , 2018 , 18,	3.8	12
161	Unsupervised Automatic Text Style Transfer Using LSTM. <i>Lecture Notes in Computer Science</i> , 2018 , 281-292		1
160	Exploratory Metamorphic Testing for Scientific Software. <i>Computing in Science and Engineering</i> , 2018 , 22, 78-87	1.5	11
159	Semi-Automatic Annotation for Citation Function Classification 2018 ,		4
158	Heterogeneous Knowledge-Based Attentive Neural Networks for Short-Term Music Recommendations. <i>IEEE Access</i> , 2018 , 6, 58990-59000	3.5	19
157	Using Obstacle Analysis to Support SysML-Based Model Testing for Cyber Physical Systems 2018 ,		6
156	Using Adverse Weather Data in Social Media to Assist with City-Level Traffic Situation Awareness and Alerting. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 1193	2.6	11
155	Creating Socio-Technical Patches for Information Foraging: A Requirements Traceability Case Study 2018 ,		2
154	Mining Security Requirements from Common Vulnerabilities and Exposures for Agile Projects 2018 ,		6
153	Requirements Socio-Technical Graphs for Managing Practitioners' Traceability Questions. <i>IEEE Transactions on Computational Social Systems</i> , 2018 , 5, 1152-1162	4.5	5

152	Hierarchical metamorphic relations for testing scientific software 2018 ,		9
151	Enhancing Automated Requirements Traceability by Resolving Polysemy 2018 ,		16
150	Recommending Refactoring Solutions Based on Traceability and Code Metrics. <i>IEEE Access</i> , 2018 , 6, 49460-49475	3.5	4
149	Mechanisms to improve clustering uncertain data with UKmeans. <i>Data and Knowledge Engineering</i> , 2018 , 116, 61-79	1.5	4
148	Sentiment Analysis Model on Weather Related Tweets with Deep Neural Network 2018 ,		7
147	A Two-Step Resume Information Extraction Algorithm. <i>Mathematical Problems in Engineering</i> , 2018 , 2018, 1-8	1.1	9
146	An e-learning recommendation approach based on the self-organization of learning resource. <i>Knowledge-Based Systems</i> , 2018 , 160, 71-87	7.3	49
145	Ethnographic field work in requirements engineering. <i>Enterprise Information Systems</i> , 2017 , 11, 137-159	3.5	2
144	A hybrid knowledge-based recommender system for e-learning based on ontology and sequential pattern mining. <i>Future Generation Computer Systems</i> , 2017 , 72, 37-48	7.5	123
143	Advancing viewpoint merging in requirements engineering: a theoretical replication and explanatory study. <i>Requirements Engineering</i> , 2017 , 22, 317-338	2.7	15
142	Software product lines traceability: A systematic mapping study. <i>Information and Software Technology</i> , 2017 , 84, 1-18	3.4	22
141	Extractive Summarization via Overlap-Based Optimized Picking. <i>Lecture Notes in Computer Science</i> , 2017 , 135-149	0.9	
140	Authorship Identification of Source Codes. <i>Lecture Notes in Computer Science</i> , 2017 , 282-296	0.9	6
139	A Novel Coupling Pattern in Computational Science and Engineering Software 2017 ,		7
138	A Survey of Learner and Researcher Related Challenges in E-learning Recommender Systems. <i>Communications in Computer and Information Science</i> , 2017 , 122-132	0.3	1
137	Facilitating end-user developers by estimating time cost of foraging a webpage 2017 ,		4
136	Traceability for Automated Production Systems: A Position Paper 2017 ,		7
135	An Approach for Identifying Author Profiles of Blogs. <i>Lecture Notes in Computer Science</i> , 2017 , 475-487	0.9	1

134	Optimal Group Size for Software Change Tasks: A Social Information Foraging Perspective. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 1784-95	10.2	16
133	A Clustering-Based Approach to Enriching Code Foraging Environment. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 1962-73	10.2	6
132	Predictive Brain Mechanisms in Sound-to-Meaning Mapping during Speech Processing. <i>Journal of Neuroscience</i> , 2016 , 36, 10813-10822	6.6	14
131	How skill balancing impact the elderly player experience? 2016 ,		2
130	Unified Profiling of Attackers via Domain Modeling 2016 ,		5
129	Literature search framework by analyzing key aspects 2016 ,		1
128	Dynamic and Automatic Feedback-Based Threshold Adaptation for Code Smell Detection. <i>IEEE Transactions on Software Engineering</i> , 2016 , 42, 544-558	3.5	16
127	Case Retrieval Based on Formal Concept Analysis. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 4211-4222	0.3	
126	Visual Cortex Inspired CNN Model for Feature Construction in Text Analysis. <i>Frontiers in Computational Neuroscience</i> , 2016 , 10, 64	3.5	9
125	A brain-region-based meta-analysis method utilizing the Apriori algorithm. <i>BMC Neuroscience</i> , 2016 , 17, 23	3.2	2
124	The Brain Effective Connectivity of Chinese during Rhyming Task. <i>PLoS ONE</i> , 2016 , 11, e0162158	3.7	2
123	On the impact of social network information diversity on end-user programming productivity: a foraging-theoretic study 2016 ,		4
122	Advancing Repeated Research in Requirements Engineering: A Theoretical Replication of Viewpoint Merging 2016 ,		16
121	Gray links in the use of requirements traceability 2016 ,		26
120	Pragmatic Software Reuse in Bioinformatics: How Can Social Network Information Help?. <i>Lecture Notes in Computer Science</i> , 2016 , 247-264	0.9	5
119	ASELM: Adaptive semi-supervised ELM with application in question subjectivity identification. <i>Neurocomputing</i> , 2016 , 207, 599-609	5.4	10
118	A learner oriented learning recommendation approach based on mixed concept mapping and immune algorithm. <i>Knowledge-Based Systems</i> , 2016 , 103, 28-40	7.3	41
117	Answer Extraction Based on Merging Score Strategy of Hot Terms. <i>Chinese Journal of Electronics</i> , 2016 , 25, 614-620	0.9	2

116	Identifying Helpful Online Reviews with Word Embedding Features. <i>Lecture Notes in Computer Science</i> , 2016 , 123-133	0.9	7
115	Cross-language differences in the brain network subserving intelligible speech. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 2972-7	11.5	58
114	Leveraging topic modeling and part-of-speech tagging to support combinational creativity in requirements engineering. <i>Requirements Engineering</i> , 2015 , 20, 253-280	2.7	18
113	A Novel Method for Clustering Web Search Results with Wikipedia Disambiguation Pages. <i>Lecture Notes in Computer Science</i> , 2015 , 3-16	0.9	1
112	On the role of semantics in automated requirements tracing. <i>Requirements Engineering</i> , 2015 , 20, 281-307	0.7	32
111	A hybrid approach of topic model and matrix factorization based on two-step recommendation framework. <i>Journal of Intelligent Information Systems</i> , 2015 , 44, 335-353	2.1	25
110	Tagging in Assisted Tracing 2015 ,		11
109	Improving Top-N Recommendation Performance Using Missing Data. <i>Mathematical Problems in Engineering</i> , 2015 , 2015, 1-13	1.1	5
108	A Coupled User Clustering Algorithm Based on Mixed Data for Web-Based Learning Systems. <i>Mathematical Problems in Engineering</i> , 2015 , 2015, 1-14	1.1	2
107	Solving the class imbalance problems using RUSMultiBoost ensemble 2015 ,		4
106	Distribution based ensemble for class imbalance learning 2015 ,		3
105	On the Role of Structural Holes in Requirements Identification. <i>ACM Transactions on Management Information Systems</i> , 2015 , 6, 1-30	2	8
104	A Multi-news Timeline Summarization Algorithm Based on Aging Theory. <i>Lecture Notes in Computer Science</i> , 2015 , 449-460	0.9	2
103	Learning Trend Analysis and Prediction Based on Knowledge Tracing and Regression Analysis. <i>Lecture Notes in Computer Science</i> , 2015 , 29-41	0.9	
102	A Novel Knowledge Extraction Framework for Resumes Based on Text Classifier. <i>Lecture Notes in Computer Science</i> , 2015 , 540-543	0.9	3
101	A Novel Recommendation Relevancy Measure for Collaborative Filtering. <i>Lecture Notes in Computer Science</i> , 2015 , 32-41	0.9	
100	Authorship identification from unstructured texts. <i>Knowledge-Based Systems</i> , 2014 , 66, 99-111	7.3	39
99	Analysis of Architecturally Significant Requirements for Enterprise Systems. <i>IEEE Systems Journal</i> , 2014 , 8, 850-857	4.3	34

98	Automated support for combinational creativity in requirements engineering 2014 ,		20
97	Traceability-enabled refactoring for managing just-in-time requirements 2014 ,		19
96	An agent-based linked data integration system 2014 ,		2
95	A Systems Approach to Product Line Requirements Reuse. <i>IEEE Systems Journal</i> , 2014 , 8, 827-836	4.3	25
94	Temporal reliability and lateralization of the resting-state language network. <i>PLoS ONE</i> , 2014 , 9, e85880	3.7	44
93	A Personalized User Evaluation Model for Web-Based Learning Systems 2014 ,		2
92	Different patterns and development characteristics of processing written logographic characters and alphabetic words: an ALE meta-analysis. <i>Human Brain Mapping</i> , 2014 , 35, 2607-18	5.9	26
91	Adaptive Learning Objects Assembly with compound constraints 2014 ,		2
90	Automatic construction of domain-specific sentiment lexicon based on constrained label propagation. <i>Knowledge-Based Systems</i> , 2014 , 56, 191-200	7.3	70
89	A hybrid recommendation algorithm adapted in e-learning environments. <i>World Wide Web</i> , 2014 , 17, 271-284	2.9	93
88	Supporting requirements to code traceability through refactoring. <i>Requirements Engineering</i> , 2014 , 19, 309-329	2.7	22
87	Visual requirements analytics: a framework and case study. <i>Requirements Engineering</i> , 2014 , 19, 257-279	2.7	26
86	An Exploratory Case Study on Exploiting Aspect Orientation in Mobile Game Porting. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 241-261	0.4	2
85	A Collaborative Filtering Recommendation Algorithm Based on Tag Clustering. <i>Lecture Notes in Electrical Engineering</i> , 2014 , 177-183	0.2	2
84	Chinese Named Entity Recognition Using Improved Bi-gram Model Based on Dynamic Programming. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 441-451	0.4	
83	Considering Rating as Probability Distribution of Attitude in Recommender System. <i>Lecture Notes in Computer Science</i> , 2014 , 393-402	0.9	
82	Towards Efficient Distributed SPARQL Queries on Linked Data. <i>Lecture Notes in Computer Science</i> , 2014 , 259-272	0.9	1
81	Conceptual Clustering. <i>Lecture Notes in Electrical Engineering</i> , 2014 , 1-8	0.2	3

80	A Federation Layer for Query Processing over the Web of Linked Data. <i>Lecture Notes in Computer Science</i> , 2014 , 347-350	0.9	
79	Enterprise Information Systems Architecture Analysis and Evaluation. <i>IEEE Transactions on Industrial Informatics</i> , 2013 , 9, 2147-2154	11.9	78
78	Conflict resolution support for parallel software development. <i>IET Software</i> , 2013 , 7, 1-11	1	5
77	Interest before liking: Two-step recommendation approaches. <i>Knowledge-Based Systems</i> , 2013 , 48, 46-56	6.3	26
76	Long-Term Product Line Sustainability with Planned Staged Investments. <i>IEEE Software</i> , 2013 , 30, 63-69	1.5	9
75	Departures from optimality: Understanding human analyst's information foraging in assisted requirements tracing 2013 ,		17
74	Keeping requirements on track via visual analytics 2013 ,		11
73	Identification of generalization refactoring opportunities. <i>Automated Software Engineering</i> , 2013 , 20, 81-110	1.5	10
72	Concept Based Query Expansion 2013 ,		3
71	Porting mobile games in an aspect-oriented way: An industrial case study 2013 ,		1
70	Evaluating software clustering algorithms in the context of program comprehension 2013 ,		7
69	Supporting requirements traceability through refactoring 2013 ,		13
68	A Systematic Mapping Study on Business Process Variability. <i>International Journal of Computer Science and Information Technology</i> , 2013 , 5, 1-21	0.6	23
67	Product Features Categorization Using Constrained Spectral Clustering. <i>Lecture Notes in Computer Science</i> , 2013 , 285-290	0.9	1
66	Opinion-Based Collaborative Filtering to Solve Popularity Bias in Recommender Systems. <i>Lecture Notes in Computer Science</i> , 2013 , 426-433	0.9	14
65	CGMF: Coupled Group-Based Matrix Factorization for Recommender System. <i>Lecture Notes in Computer Science</i> , 2013 , 189-198	0.9	9
64	A Novel Method for Identifying Optimal Number of Clusters with Marginal Differential Entropy. <i>Lecture Notes in Computer Science</i> , 2013 , 371-382	0.9	1
63	Classification of Opinion Questions. <i>Lecture Notes in Computer Science</i> , 2013 , 714-717	0.9	1

62	Extracting Fine-Grained Entities Based on Coordinate Graph. <i>Lecture Notes in Computer Science</i> , 2013 , 367-371	0.9	
61	Building Enhanced Link Context by Logical Sitemap. <i>Lecture Notes in Computer Science</i> , 2013 , 36-47	0.9	
60	Representation and Verification of Attribute Knowledge. <i>Lecture Notes in Computer Science</i> , 2013 , 473-482		
59	Schedule of Bad Smell Detection and Resolution: A New Way to Save Effort. <i>IEEE Transactions on Software Engineering</i> , 2012 , 38, 220-235	3.5	57
58	ReCVisu: A tool for clustering-based visual exploration of requirements 2012 ,		15
57	Automatic labeling of software requirements clusters 2012 ,		5
56	Enhancing candidate link generation for requirements tracing: The cluster hypothesis revisited 2012 ,		29
55	A semantic relatedness approach for traceability link recovery 2012 ,		25
54	A cost-benefit approach to recommending conflict resolution for parallel software development 2012 ,		4
53	Domain-specific term extraction from free texts 2012 ,		4
52	An Initial Study on Refactoring Tactics 2012 ,		6
51	Fine-grained Product Features Extraction and Categorization in Reviews Opinion Mining 2012 ,		28
50	Combining a segmentation-like approach and a density-based approach in content extraction. <i>Tsinghua Science and Technology</i> , 2012 , 17, 256-264	3.4	5
49	2012 ,		5
48	Personalized Web Search Using Clickthrough Data and Web Page Rating. <i>Journal of Computers</i> , 2012 , 7,	1.4	4
47	Learning Strategy Recommendation Agent. <i>Advances in Intelligent Systems and Computing</i> , 2012 , 205-216.	1.4	2
46	Combining Collaborative Filtering and Sequential Pattern Mining for Recommendation in E-Learning Environment. <i>Lecture Notes in Computer Science</i> , 2011 , 305-313	0.9	4
45	Source code indexing for automated tracing 2011 ,		17

44	A Chromatic Transient Visual Evoked Potential Based Encoding/Decoding Approach for Brain-Computer Interface. <i>IEEE Journal on Emerging and Selected Topics in Circuits and Systems</i> , 2011 , 1, 578-589	5.2	9
43	Faceted Navigation for Software Exploration 2011 ,		3
42	News topic detection based on hierarchical clustering and named entity 2011 ,		7
41	A user evaluation framework for web-based learning systems 2011 ,		2
40	Information foraging as a foundation for code navigation 2011 ,		20
39	TraCter: A tool for candidate traceability link clustering 2011 ,		13
38	A case study of exploiting enterprise resource planning requirements. <i>Enterprise Information Systems</i> , 2011 , 5, 183-206	3.5	30
37	Learning new color names produces rapid increase in gray matter in the intact adult human cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 6686-8	11.5	71
36	A Discretization Algorithm of Numerical Attributes for Digital Library Evaluation Based on Data Mining Technology. <i>Lecture Notes in Computer Science</i> , 2011 , 70-76	0.9	1
35	A Personalized Genetic Algorithm Approach for Test Sheet Assembling. <i>Lecture Notes in Computer Science</i> , 2011 , 164-173	0.9	2
34	A Probability Model for Related Entity Retrieval Using Relation Pattern. <i>Lecture Notes in Computer Science</i> , 2011 , 318-330	0.9	3
33	Active Discovery Based Query Federation over the Web of Linked Data. <i>Advances in Intelligent and Soft Computing</i> , 2011 , 239-248		
32	Using Semantics-Enabled Information Retrieval in Requirements Tracing: An Ongoing Experimental Investigation 2010 ,		8
31	An Approach Based on Tree Kernels for Opinion Mining of Online Product Reviews 2010 ,		12
30	Data Analysis in Los Angeles Long Beach with Seasonal Time Series Model 2010 ,		1
29	Variability Modeling for Product Line Viewpoints Integration 2010 ,		11
28	A Pattern Based Anti-Fraud Method in C2C Ecommerce Environment 2010 ,		1
27	An Study on Personalized Recommendation Model Based on Search Behaviors and Resource Properties 2010 ,		2

26	2010,			3
25	Active Learning Algorithm for Threshold of Decision Probability on Imbalanced Text Classification Based on Protein-Protein Interaction Documents 2010,			2
24	Document classification for mining host pathogen protein-protein interactions. <i>Artificial Intelligence in Medicine</i> , 2010 , 49, 155-60		7.4	14
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