Zhendong Niu

List of Publications by Year
in descending order

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278	4,712	159585	168389
papers	citations	30	53
		h-index	g-index

293	293	293	3367
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recommending Learning Objects Through Attentive Heterogeneous Graph Convolution and Operation-Aware Neural Network. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 4178-4189.	5.7	15
2	Deep Learning Based Program Generation From Requirements Text: Are We There Yet?. IEEE Transactions on Software Engineering, 2022, 48, 1268-1289.	5.6	14
3	Detecting Software Security Vulnerabilities Via Requirements Dependency Analysis. IEEE Transactions on Software Engineering, 2022, 48, 1665-1675.	5.6	13
4	Neural Time-Aware Sequential Recommendation by Jointly Modeling Preference Dynamics and Explicit Feature Couplings. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 5125-5137.	11.3	19
5	Heterogeneous Knowledge Learning of Predictive Academic Intelligence in Transportation. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 3737-3755.	8.0	7
6	Multi-level Attention Map Network for Multimodal Sentiment Analysis. IEEE Transactions on Knowledge and Data Engineering, 2022, , 1-1.	5.7	10
7	E-CapsGan: Generative adversarial network using capsule network as feature encoder. Multimedia Tools and Applications, 2022, 81, 26425-26442.	3.9	3
8	Multi-sensor fusion algorithm in cooperative vehicle-infrastructure system for blind spot warning. International Journal of Distributed Sensor Networks, 2022, 18, 155013292211004.	2.2	9
9	Metamorphic Testing of Image Classification and Consistency Analysis Using Clustering. International Journal of Multimedia Data Engineering and Management, 2022, 13, 1-20.	0.4	0
10	Automatically recognizing the semantic elements from UML class diagram images. Journal of Systems and Software, 2022, 193, 111431.	4.5	5
11	Hybrid microblog recommendation with heterogeneous features using deep neural network. Expert Systems With Applications, 2021, 167, 114191.	7.6	14
12	Review text based rating prediction approaches: preference knowledge learning, representation and utilization. Artificial Intelligence Review, 2021, 54, 1171-1200.	15.7	13
13	A Deep Hybrid Model for Recommendation by jointly leveraging ratings, reviews and metadata information. Engineering Applications of Artificial Intelligence, 2021, 97, 104066.	8.1	14
14	Scientific Software Testing Goes Serverless: Creating and Invoking Metamorphic Functions. IEEE Software, 2021, 38, 61-67.	1.8	17
15	Improving University Faculty Evaluations via multi-view Knowledge Graph. Future Generation Computer Systems, 2021, 117, 181-192.	7.5	20
16	Deep learning techniques for rating prediction: a survey of the state-of-the-art. Artificial Intelligence Review, 2021, 54, 95-135.	15.7	38
17	Discovering Metamorphic Relations for Scientific Software From User Forums. Computing in Science and Engineering, 2021, 23, 65-72.	1.2	7
18	Recommending scientific paper via heterogeneous knowledge embedding based attentive recurrent neural networks. Knowledge-Based Systems, 2021, 215, 106744.	7.1	36

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19	MHCPDP: multi-source heterogeneous cross-project defect prediction via multi-source transfer learning and autoencoder. Software Quality Journal, 2021, 29, 405-430.	2.2	17
20	Learning Strategy Based on Deep Knowledge Tracing. , 2021, , .		1
21	CNN with depthwise separable convolutions and combined kernels for rating prediction. Expert Systems With Applications, 2021, 170, 114528.	7.6	46
22	Finding Metamorphic Relations for Scientific Software. , 2021, , .		5
23	Social Signal-Driven Knowledge Automation: A Focus on Social Transportation. IEEE Transactions on Computational Social Systems, 2021, 8, 737-753.	4.4	17
24	Unit and regression tests of scientific software: A study on SWMM. Journal of Computational Science, 2021, 53, 101347.	2.9	8
25	EKGTF: A knowledge-enhanced model for optimizing social network-based meteorological briefings. Information Processing and Management, 2021, 58, 102564.	8.6	11
26	A first look at developersâ€™ live chat on Gitter. , 2021, , .		14
27	XAI tools in the public sector: a case study on predicting combined sewer overflows. , 2021, , .		14
28	Learning deep relevance couplings for ad-hoc document retrieval. Expert Systems With Applications, 2021, 183, 115335.	7.6	3
29	TCIC_FS: Total correlation information coefficient-based feature selection method for high-dimensional data. Knowledge-Based Systems, 2021, 231, 107418.	7.1	12
30	I/O Associations in Scientific Software: A Study of SWMM. Lecture Notes in Computer Science, 2021, , 375-389.	1.3	6
31	Contextual Understanding and Improvement of Metamorphic Testing in Scientific Software Development. , 2021, , .		6
32	Towards Norm Classification: An Initial Analysis of HIPAA Breaches. , 2021, , .		1
33	An REâ€™21 Workshop on Environment-Driven Requirements Engineering (EnviREâ€™21). , 2021, , .		1
34	Automated Support to Capture Environment Assertions for Requirements-Based Testing. , 2021, , .		0
35	Reliability of Convolutional Neural Networks: Failure Metrics with Metamorphic Test Cases. , 2021, , .		2
36	Foraging-Theoretic Tool Composition: An Empirical Study on Vulnerability Discovery. , 2021, , .		0

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37	Co-AI: A Colab-Based Tool for Abstraction Identification. , 2021, , .		2
38	Environment-Driven Abstraction Identification for Requirements-Based Testing. , 2021, , .		6
39	Metamorphic Testing for Convolutional Neural Networks: Relations over Image Classification. , 2021, , .		2
40	Exploratory Metamorphic Testing for Scientific Software. Computing in Science and Engineering, 2020, 22, 78-87.	1.2	22
41	Complementarity in Requirements Tracing. IEEE Transactions on Cybernetics, 2020, 50, 1395-1404.	9.5	12
42	A Hybrid E-Learning Recommendation Approach Based on Learnersâ€™ Influence Propagation. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 827-840.	5.7	88
43	Wide-grained capsule network with sentence-level feature to detect meteorological event in social network. Future Generation Computer Systems, 2020, 102, 323-332.	7.5	20
44	Deep residual network for highly accelerated fMRI reconstruction using variable density spiral trajectory. Neurocomputing, 2020, 398, 338-346.	5.9	5
45	Automatic generation of meteorological briefing by event knowledge guided summarization model. Knowledge-Based Systems, 2020, 192, 105379.	7.1	11
46	Faulty Requirements Made Valuable: On the Role of Data Quality in Deep Learning. , 2020, , .		17
47	Heterogeneous teaching evaluation network based offline course recommendation with graph learning and tensor factorization. Neurocomputing, 2020, 415, 84-95.	5.9	69
48	Relating the Empirical Foundations of Attack Generation and Vulnerability Discovery. , 2020, , .		3
49	Feature requests-based recommendation of software refactorings. Empirical Software Engineering, 2020, 25, 4315-4347.	3.9	13
50	Requirements Engineering in the Days of Artificial Intelligence. IEEE Software, 2020, 37, 7-10.	1.8	32
51	Social weather: A review of crowdsourcingâ€assisted meteorological knowledge services through social cyberspace. Geoscience Data Journal, 2020, 7, 61-79.	4.4	16
52	Joint Deep Recommendation Model Exploiting Reviews and Metadata Information. Neurocomputing, 2020, 402, 256-265.	5.9	12
53	Unit Tests of Scientific Software: A Study on SWMM. Lecture Notes in Computer Science, 2020, , 413-427.	1.3	8
54	A novel approach to tracing safety requirements and state-based design models. , 2020, , .		12

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55	An Auxiliary System for Calculating Effective Connectivity from Co-Activation Network Data. , 2020, , .		0
56	Safety Patterns for SysML: What Does OMG Specify?. Lecture Notes in Computer Science, 2020, , 19-34.	1.3	0
57	Learning Semantic Concepts and Temporal Alignment for Narrated Video Procedural Captioning. , 2020, , .		11
58	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. Frontiers in Neurology, 2019, 10, 668.	2.4	9
59	Hierarchical Text-Label Integrated Attention Network for Document Classification. , 2019, , .		7
60	Multi-task learning model based on recurrent convolutional neural networks for citation sentiment and purpose classification. Neurocomputing, 2019, 335, 195-205.	5.9	38
61	Special issue on just-in-time requirements engineering for software integration. Journal of Industrial Information Integration, 2019, 14, 1-2.	6.4	1
62	Academic rising star prediction via scholarâ€™s evaluation model and machine learning techniques. Scientometrics, 2019, 120, 461-476.	3.0	26
63	Topological reorganization after partial auditory deprivationâ€”a structural connectivity study in single-sided deafness. Hearing Research, 2019, 380, 75-83.	2.0	11
64	User preferences prediction approach based on embedded deep summaries. Expert Systems With Applications, 2019, 132, 87-98.	7.6	16
65	An opinion based crossâ€regional meteorological event detection model. Weather, 2019, 74, 51-55.	0.7	6
66	Efficiently extracting frequent patterns from continuous uncertain data. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2019, 42, 225-235.	1.1	1
67	Corrections to â€œRequirements Socio-Technical Graphs for Managing Practitionersâ€™ Traceability Questionsâ€. IEEE Transactions on Computational Social Systems, 2019, 6, 190-190.	4.4	0
68	SysML Modeling Mistakes and Their Impacts on Requirements. , 2019, , .		5
69	The Role of Environment Assertions in Requirements-Based Testing. , 2019, , .		7
70	Chinese Lexical Based Sentiment Analysis Framework in Meteorology. , 2019, , .		0
71	Multi-Scale Deformable CNN for Answer Selection. IEEE Access, 2019, 7, 164986-164995.	4.2	2
72	Attentive Dual Embedding for Understanding Medical Concepts in Electronic Health Records. , 2019, , .		9

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73	Releasing Scientific Software in GitHub: A Case Study on SWMM2PEST. , 2019, , .		6
74	Automated Recommendation of Software Refactorings Based on Feature Requests. , 2019, , .		14
75	Improving Citation Sentiment and Purpose Classification Using Hybrid Deep Neural Network Model. Advances in Intelligent Systems and Computing, 2019, , 327-336.	0.6	4
76	Lexical based automated teaching evaluation via studentsâ€™ short reviews. Computer Applications in Engineering Education, 2019, 27, 194-205.	3.4	58
77	In-Place Traceability for Automated Production Systems: A Survey of PLC and SysML Tools. IEEE Transactions on Industrial Informatics, 2019, 15, 3155-3162.	11.3	12
78	Modeling positive and negative feedback for improving document retrieval. Expert Systems With Applications, 2019, 120, 253-261.	7.6	5
79	A survey on sentiment analysis of scientific citations. Artificial Intelligence Review, 2019, 52, 1805-1838.	15.7	54
80	HCBC: A Hierarchical Case-Based Classifier Integrated with Conceptual Clustering. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 152-165.	5.7	18
81	Lean Learning of Risks in Studentsâ€™ Agile Teams. , 2019, , 263-281.		1
82	Concept coupling learning for improving concept lattice-based document retrieval. Engineering Applications of Artificial Intelligence, 2018, 69, 65-75.	8.1	16
83	A Novel Community Detection Method Based on Cluster Density Peaks. Lecture Notes in Computer Science, 2018, , 515-525.	1.3	4
84	Requirements Engineering and Continuous Deployment. IEEE Software, 2018, 35, 86-90.	1.8	34
85	Automatically Tracing Dependability Requirements via Term-Based Relevance Feedback. IEEE Transactions on Industrial Informatics, 2018, 14, 342-349.	11.3	31
86	Knowledge-based recommendation: a review of ontology-based recommender systems for e-learning. Artificial Intelligence Review, 2018, 50, 21-48.	15.7	285
87	Automatic approval prediction for software enhancement requests. Automated Software Engineering, 2018, 25, 347-381.	2.9	17
88	A hybrid recommender system for e-learning based on context awareness and sequential pattern mining. Soft Computing, 2018, 22, 2449-2461.	3.6	112
89	Semi-Automatic Annotation for Citation Function Classification. , 2018, , .		6
90	Heterogeneous Knowledge-Based Attentive Neural Networks for Short-Term Music Recommendations. IEEE Access, 2018, 6, 58990-59000.	4.2	29

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91	Using Obstacle Analysis to Support SysML-Based Model Testing for Cyber Physical Systems. , 2018, , .		6
92	Guiding Software Evolution with Binary Diversity. , 2018, , .		0
93	Using Adverse Weather Data in Social Media to Assist with City-Level Traffic Situation Awareness and Alerting. Applied Sciences (Switzerland), 2018, 8, 1193.	2.5	23
94	Climate Event Detection Algorithm Based on Climate Category Word Embedding. , 2018, , .		0
95	Creating Socio-Technical Patches for Information Foraging: A Requirements Traceability Case Study. , 2018, , .		3
96	Mining Security Requirements from Common Vulnerabilities and Exposures for Agile Projects. , 2018, , .		9
97	Requirements Socio-Technical Graphs for Managing Practitionersâ€™ Traceability Questions. IEEE Transactions on Computational Social Systems, 2018, 5, 1152-1162.	4.4	7
98	Hierarchical metamorphic relations for testing scientific software. , 2018, , .		14
99	Enhancing Automated Requirements Traceability by Resolving Polysemy. , 2018, , .		25
100	Recommending Refactoring Solutions Based on Traceability and Code Metrics. IEEE Access, 2018, 6, 49460-49475.	4.2	22
101	Mechanisms to improve clustering uncertain data with UKmeans. Data and Knowledge Engineering, 2018, 116, 61-79.	3.4	4
102	Sentiment Analysis Model on Weather Related Tweets with Deep Neural Network. , 2018, , .		15
103	A Two-Step Resume Information Extraction Algorithm. Mathematical Problems in Engineering, 2018, 2018, 1-8.	1.1	24
104	An e-learning recommendation approach based on the self-organization of learning resource. Knowledge-Based Systems, 2018, 160, 71-87.	7.1	81
105	A Deep Reinforced Training Method for Location-Based Image Captioning. Lecture Notes in Computer Science, 2018, , 878-890.	1.3	0
106	Tensor factorization method based on review text semantic similarity for rating prediction. Expert Systems With Applications, 2018, 114, 629-638.	7.6	28
107	Citation Function Classification Based on Ontologies and Convolutional Neural Networks. Communications in Computer and Information Science, 2018, , 105-115.	0.5	8
108	Answering the requirements traceability questions. , 2018, , .		2

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109	Citation Classification Using Multitask Convolutional Neural Network Model. Lecture Notes in Computer Science, 2018, , 232-243.	1.3	3
110	Assuring Virtual PLC in the Context of SysML Models. Lecture Notes in Computer Science, 2018, , 121-136.	1.3	4
111	Unsupervised Automatic Text Style Transfer Using LSTM. Lecture Notes in Computer Science, 2018, , 281-292.	1.3	6
112	A New Scheme for Citation Classification based on Convolutional Neural Networks. , 2018, , .		6
113	Sensing Urban Transportation Events from Multi-Channel Social Signals with the Word2vec Fusion Model. Sensors, 2018, 18, 4093.	3.8	15
114	Ethnographic field work in requirements engineering. Enterprise Information Systems, 2017, 11, 137-159.	4.7	4
115	A hybrid knowledge-based recommender system for e-learning based on ontology and sequential pattern mining. Future Generation Computer Systems, 2017, 72, 37-48.	7.5	189
116	Advancing viewpoint merging in requirements engineering: a theoretical replication and explanatory study. Requirements Engineering, 2017, 22, 317-338.	3.1	29
117	Software product lines traceability: A systematic mapping study. Information and Software Technology, 2017, 84, 1-18.	4.4	32
118	Extractive Summarization via Overlap-Based Optimized Picking. Lecture Notes in Computer Science, 2017, , 135-149.	1.3	0
119	Authorship Identification of Source Codes. Lecture Notes in Computer Science, 2017, , 282-296.	1.3	8
120	A Novel Coupling Pattern in Computational Science and Engineering Software. , 2017, , .		8
121	A Survey of Learner and Researcher Related Challenges in E-learning Recommender Systems. Communications in Computer and Information Science, 2017, , 122-132.	0.5	1
122	Short-Term Revisit during Programming Tasks. , 2017, , .		1
123	Facilitating end-user developers by estimating time cost of foraging a webpage. , 2017, , .		9
124	RE in the Age of Continuous Deployment. , 2017, , .		1
125	A multi-view fusion approach for entity alignment. , 2017, , .		0
126	Traceability for Automated Production Systems: A Position Paper. , 2017, , .		7

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127	Object Tracking via Null-space Discriminative Projections and Sparse Representation. , 2017, , .		1
128	An Approach for Identifying Author Profiles of Blogs. Lecture Notes in Computer Science, 2017, , 475-487.	1.3	1
129	Visual Cortex Inspired CNN Model for Feature Construction in Text Analysis. Frontiers in Computational Neuroscience, 2016, 10, 64.	2.1	16
130	A brain-region-based meta-analysis method utilizing the Apriori algorithm. BMC Neuroscience, 2016, 17, 23.	1.9	4
131	The Brain Effective Connectivity of Chinese during Rhyming Task. PLoS ONE, 2016, 11, e0162158.	2.5	3
132	On the impact of social network information diversity on end-user programming productivity: a foraging-theoretic study. , 2016, , .		5
133	Advancing Repeated Research in Requirements Engineering: A Theoretical Replication of Viewpoint Merging. , 2016, , .		27
134	Gray links in the use of requirements traceability. , 2016, , .		28
135	Development of a computer-aided system for an effective brain connectivity network. , 2016, , .		0
136	ASELM: Adaptive semi-supervised ELM with application in question subjectivity identification. Neurocomputing, 2016, 207, 599-609.	5.9	11
137	A learner oriented learning recommendation approach based on mixed concept mapping and immune algorithm. Knowledge-Based Systems, 2016, 103, 28-40.	7.1	60
138	Answer Extraction Based on Merging Score Strategy of Hot Terms. Chinese Journal of Electronics, 2016, 25, 614-620.	1.5	4
139	Identifying Helpful Online Reviews with Word Embedding Features. Lecture Notes in Computer Science, 2016, , 123-133.	1.3	11
140	Percolation thresholds on tree-based communities of wireless sensor networks. , 2016, , .		0
141	Predictive Brain Mechanisms in Sound-to-Meaning Mapping during Speech Processing. Journal of Neuroscience, 2016, 36, 10813-10822.	3.6	17
142	IEEE PIC 2016 Keynote Speech (1): Signal processing techniques in medical ultrasound imaging. , 2016, , .		0
143	How skill balancing impact the elderly player experience?. , 2016, , .		4
144	Unified Profiling of Attackers via Domain Modeling. , 2016, , .		5

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145	Literature search framework by analyzing key aspects. , 2016, , .		0
146	Literature search framework by analyzing key aspects. , 2016, , .		1
147	Dynamic and Automatic Feedback-Based Threshold Adaptation for Code Smell Detection. IEEE Transactions on Software Engineering, 2016, 42, 544-558.	5.6	26
148	Optimal Group Size for Software Change Tasks: A Social Information Foraging Perspective. IEEE Transactions on Cybernetics, 2016, 46, 1784-1795.	9.5	21
149	Percolation Thresholds on Tree-Based Communities of Wireless Sensor Networks. International Journal of Networked and Distributed Computing, 2016, 4, 75.	1.9	0
150	Case Retrieval Based on Formal Concept Analysis. Journal of Computational and Theoretical Nanoscience, 2016, 13, 4211-4222.	0.4	0
151	Tagging in Assisted Tracing. , 2015, , .		11
152	Improving Top-NRecommendation Performance Using Missing Data. Mathematical Problems in Engineering, 2015, 2015, 1-13.	1.1	8
153	A Coupled User Clustering Algorithm Based on Mixed Data for Web-Based Learning Systems. Mathematical Problems in Engineering, 2015, 2015, 1-14.	1.1	3
154	Functional connectivity of Chinese characters processing: A meta-analysis. , 2015, , .		2
155	Solving the class imbalance problems using RUSMultiBoost ensemble. , 2015, , .		6
156	Distribution based ensemble for class imbalance learning. , 2015, , .		5
157	Adapting MultiBoost ensemble for class imbalanced learning. , 2015, , .		0
158	Cross-language differences in the brain network subserving intelligible speech. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2972-2977.	7.1	87
159	Leveraging topic modeling and part-of-speech tagging to support combinational creativity in requirements engineering. Requirements Engineering, 2015, 20, 253-280.	3.1	30
160	A Clustering-Based Approach to Enriching Code Foraging Environment. IEEE Transactions on Cybernetics, 2015, 46, 1-1.	9.5	10
161	Analyzing Refactorings' Impact on Regression Test Cases. , 2015, , .		2
162	On the role of semantics in automated requirements tracing. Requirements Engineering, 2015, 20, 281-300.	3.1	60

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163	A hybrid approach of topic model and matrix factorization based on two-step recommendation framework. Journal of Intelligent Information Systems, 2015, 44, 335-353.	3.9	32
164	A Multi-news Timeline Summarization Algorithm Based on Aging Theory. Lecture Notes in Computer Science, 2015, , 449-460.	1.3	3
165	On the Role of Structural Holes in Requirements Identification. ACM Transactions on Management Information Systems, 2015, 6, 1-30.	2.8	13
166	A learning resource recommendation method combining user sequential interaction with collaborative filtering. , 2015, , .		1
167	A Novel Knowledge Extraction Framework for Resumes Based on Text Classifier. Lecture Notes in Computer Science, 2015, , 540-543.	1.3	8
168	A Novel Recommendation Relevancy Measure for Collaborative Filtering. Lecture Notes in Computer Science, 2015, , 32-41.	1.3	0
169	A personalized genetic algorithm with forgetting factor for intelligent test generation. , 2015, , .		0
170	Temporal Reliability and Lateralization of the Resting-State Language Network. PLoS ONE, 2014, 9, e85880.	2.5	55
171	A Personalized User Evaluation Model for Web-Based Learning Systems. , 2014, , .		3
172	Different patterns and development characteristics of processing written logographic characters and alphabetic words: An ALE metaâ€analysis. Human Brain Mapping, 2014, 35, 2607-2618.	3.6	37
173	Adaptive Learning Objects Assembly with compound constraints. , 2014, , .		2
174	Automatic construction of domain-specific sentiment lexicon based on constrained label propagation. Knowledge-Based Systems, 2014, 56, 191-200.	7.1	96
175	A hybrid recommendation algorithm adapted in e-learning environments. World Wide Web, 2014, 17, 271-284.	4.0	138
176	Supporting requirements to code traceability through refactoring. Requirements Engineering, 2014, 19, 309-329.	3.1	27
177	Visual requirements analytics: a framework and case study. Requirements Engineering, 2014, 19, 257-279.	3.1	35
178	Authorship identification from unstructured texts. Knowledge-Based Systems, 2014, 66, 99-111.	7.1	55
179	Analysis of Architecturally Significant Requirements for Enterprise Systems. IEEE Systems Journal, 2014, 8, 850-857.	4.6	40
180	Automated support for combinational creativity in requirements engineering. , 2014, , .		28

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181	Traceability-enabled refactoring for managing just-in-time requirements. , 2014, , .		25
182	An agent-based linked data integration system. , 2014, , .		2
183	A Systems Approach to Product Line Requirements Reuse. IEEE Systems Journal, 2014, 8, 827-836.	4.6	31
184	LAW: Link-AWare Source Selection for Virtually Integrating Linked Data. Lecture Notes in Computer Science, 2014, , 239-248.	1.3	1
185	Chinese Named Entity Recognition Using Improved Bi-gram Model Based on Dynamic Programming. Advances in Intelligent Systems and Computing, 2014, , 441-451.	0.6	0
186	Considering Rating as Probability Distribution of Attitude in Recommender System. Lecture Notes in Computer Science, 2014, , 393-402.	1.3	0
187	Towards Efficient Distributed SPARQL Queries on Linked Data. Lecture Notes in Computer Science, 2014, , 259-272.	1.3	3
188	Conceptual Clustering. Lecture Notes in Electrical Engineering, 2014, , 1-8.	0.4	3
189	A Federation Layer for Query Processing over the Web of Linked Data. Lecture Notes in Computer Science, 2014, , 347-350.	1.3	0
190	Research on Data Mining Technologies for Complicated Attributes Relationship in Digital Library Collections. Applied Mathematics and Information Sciences, 2014, 8, 1173-1178.	0.5	1
191	An Improved Personalized Genetic Algorithm Incorporated Item Distribution for Test Sheet Assembling. Applied Mathematics and Information Sciences, 2014, 8, 1655-1664.	0.5	0
192	Enterprise Information Systems Architectureâ€"Analysis and Evaluation. IEEE Transactions on Industrial Informatics, 2013, 9, 2147-2154.	11.3	93
193	Conflict resolution support for parallel software development. IET Software, 2013, 7, 1-11.	2.1	7
194	Interest before liking: Two-step recommendation approaches. Knowledge-Based Systems, 2013, 48, 46-56.	7.1	35
195	Long-Term Product Line Sustainability with Planned Staged Investments. IEEE Software, 2013, 30, 63-69.	1.8	10
196	Departures from optimality: Understanding human analyst's information foraging in assisted requirements tracing. , 2013, , .		21
197	Keeping requirements on track via visual analytics. , 2013, , .		18
198	Identification of generalization refactoring opportunities. Automated Software Engineering, 2013, 20, 81-110.	2.9	12

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199	Concept Based Query Expansion. , 2013, , .		6
200	Porting mobile games in an aspect-oriented way: An industrial case study. , 2013, , .		1
201	Evaluating software clustering algorithms in the context of program comprehension. , 2013, , .		8
202	Supporting requirements traceability through refactoring. , 2013, , .		15
203	Two-stage Web Record Extraction. , 2013, , .		0
204	Opinion-Based Collaborative Filtering to Solve Popularity Bias in Recommender Systems. Lecture Notes in Computer Science, 2013, , 426-433.	1.3	21
205	CGMF: Coupled Group-Based Matrix Factorization for Recommender System. Lecture Notes in Computer Science, 2013, , 189-198.	1.3	11
206	A Systematic Mapping Study on Business Process Variability. International Journal of Computer Science and Information Technology, 2013, 5, 1-21.	0.6	32
207	A Novel Method for Identifying Optimal Number of Clusters with Marginal Differential Entropy. Lecture Notes in Computer Science, 2013, , 371-382.	1.3	1
208	Building Enhanced Link Context by Logical Sitemap. Lecture Notes in Computer Science, 2013, , 36-47.	1.3	0
209	Representation and Verification of Attribute Knowledge. Lecture Notes in Computer Science, 2013, , 473-482.	1.3	0
210	A test sheet generating algorithm based on intelligent genetic algorithm and hierarchical planning. , 2012, , .		0
211	Combining a segmentation-like approach and a density-based approach in content extraction. Tsinghua Science and Technology, 2012, 17, 256-264.	6.1	5
212	A Framework for Examining Topical Locality in Object-Oriented Software. , 2012, , .		9
213	ReCVisu: A tool for clustering-based visual exploration of requirements. , 2012, , .		26
214	Automatic labeling of software requirements clusters. , 2012, , .		12
215	Enhancing candidate link generation for requirements tracing: The cluster hypothesis revisited. , 2012, , .		37
216	A semantic relatedness approach for traceability link recovery. , 2012, , .		36

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217	A cost-benefit approach to recommending conflict resolution for parallel software development. , 2012, , .		4
218	Domain-specific term extraction from free texts. , 2012, , .		7
219	An Initial Study on Refactoring Tactics. , 2012, , .		8
220	Fine-grained Product Features Extraction and Categorization in Reviews Opinion Mining. , 2012, , .		36
221	Schedule of Bad Smell Detection and Resolution: A New Way to Save Effort. IEEE Transactions on Software Engineering, 2012, 38, 220-235.	5.6	86
222	Personalized Web Search Using Clickthrough Data and Web Page Rating. Journal of Computers, 2012, 7, .	0.4	6
223	Multiple criteria decision support for software reuse: A case study. , 2011, , .		0
224	Faceted Navigation for Software Exploration. , 2011, , .		5
225	News topic detection based on hierarchical clustering and named entity. , 2011, , .		9
226	A user evaluation framework for web-based learning systems. , 2011, , .		3
227	Source code indexing for automated tracing. , 2011, , .		21
228	A Chromatic Transient Visual Evoked Potential Based Encoding/Decoding Approach for Brainâ€“Computer Interface. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2011, 1, 578-589.	3.6	10
229	Information foraging as a foundation for code navigation (NIER track). , 2011, , .		26
230	TraCter: A tool for candidate traceability link clustering. , 2011, , .		18
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