

Xinyu Wang

List of Publications by Year in descending order

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51
papers

1,267
citations

933264

10
h-index

839398

18
g-index

51
all docs

51
docs citations

51
times ranked

866
citing authors

#	ARTICLE	IF	CITATIONS
1	HYDRA: Massively Compositional Model for Cross-Project Defect Prediction. IEEE Transactions on Software Engineering, 2016, 42, 977-998.	4.3	216
2	Improving Automated Bug Triaging with Specialized Topic Model. IEEE Transactions on Software Engineering, 2017, 43, 272-297.	4.3	130
3	Tag recommendation in software information sites. , 2013, , .		110
4	ELBlocker: Predicting blocking bugs with ensemble imbalance learning. Information and Software Technology, 2015, 61, 93-106.	3.0	82
5	Accurate developer recommendation for bug resolution. , 2013, , .		78
6	QoS Prediction of Web Services Based on Two-Phase K-Means Clustering. , 2015, , .		60
7	Automatic, high accuracy prediction of reopened bugs. Automated Software Engineering, 2015, 22, 75-109.	2.2	54
8	Reputation-Aware QoS Value Prediction of Web Services. , 2013, , .		42
9	Dual analysis for recommending developers to resolve bugs. Journal of Software: Evolution and Process, 2015, 27, 195-220.	1.2	41
10	Collective Personalized Change Classification With Multiobjective Search. IEEE Transactions on Reliability, 2016, 65, 1810-1829.	3.5	33
11	Towards more accurate multi-label software behavior learning. , 2014, , .		32
12	Predicting Crashing Releases of Mobile Applications. , 2016, , .		32
13	Real-time intelligent big data processing: technology, platform, and applications. Science China Information Sciences, 2019, 62, 1.	2.7	32
14	A Comparative Study of Supervised Learning Algorithms for Re-opened Bug Prediction. , 2013, , .		27
15	Automated Bug Report Field Reassignment and Refinement Prediction. IEEE Transactions on Reliability, 2016, 65, 1094-1113.	3.5	27
16	Business rules extraction from large legacy systems. , 0, , .		24
17	Extracting and analyzing time-series HCI data from screen-captured task videos. Empirical Software Engineering, 2017, 22, 134-174.	3.0	24
18	Geographic Location-Based Network-Aware QoS Prediction for Service Composition. , 2013, , .		20

#	ARTICLE	IF	CITATIONS
19	Network-Aware QoS Prediction for Service Composition Using Geolocation. IEEE Transactions on Services Computing, 2015, 8, 630-643.	3.2	19
20	Automatic Defect Categorization Based on Fault Triggering Conditions. , 2014, , .		16
21	An Empirical Study on Correlation between Coverage and Robustness for Deep Neural Networks. , 2020, , .		16
22	ActivitySpace: A Remembrance Framework to Support Interapplication Information Needs. , 2015, , .		15
23	Time-Aware and Sparsity-Tolerant QoS Prediction Based on Collaborative Filtering. , 2016, , .		14
24	Business process recovery for system maintenance — An empirical approach. , 2009, , .		13
25	scvRipper: Video Scraping Tool for Modeling Developers' Behavior Using Interaction Data. , 2015, , .		11
26	Tracking and Analyzing Cross-Cutting Activities in Developers' Daily Work (N). , 2015, , .		11
27	Satisfying quality requirements in the design of a partitionâ€based, distributed stock trading system. Software - Practice and Experience, 2012, 42, 131-157.	2.5	10
28	Software Internationalization and Localization: An Industrial Experience. , 2013, , .		10
29	Build Predictor: More Accurate Missed Dependency Prediction in Build Configuration Files. , 2014, , .		9
30	A Pattern-Based Code Transformation Approach for Cloud Application Migration. , 2015, , .		9
31	A Systematic Study on Explicit-State Non-Zenoness Checking for Timed Automata. IEEE Transactions on Software Engineering, 2015, 41, 3-18.	4.3	7
32	Automatic Fairness Testing of Neural Classifiers Through Adversarial Sampling. IEEE Transactions on Software Engineering, 2022, 48, 3593-3612.	4.3	7
33	Connectivity Based Greedy Algorithm with Multipoint Relaying for Mobile Ad Hoc Networks. , 2008, , .		6
34	Human factors in extracting business rules from legacy systems. , 0, , .		5
35	Language Inclusion Checking of Timed Automata with Non-Zenoness. IEEE Transactions on Software Engineering, 2017, 43, 995-1008.	4.3	4
36	Automatic Solution Summarization for Crash Bugs. , 2021, , .		4

#	ARTICLE	IF	CITATIONS
37	Experience report: An industrial experience report on test outsourcing practices. , 2015, , .		3
38	Walking With Attention: Self-Guided Walking for Heterogeneous Graph Embedding. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 6047-6060.	4.0	3
39	Role Engineering with SKAOS for Systems Employing RBAC. , 2009, , .		2
40	Construction K-Dominating Set with Multiple Relaying Technique in Wireless Mobile Ad Hoc Networks. , 2009, , .		2
41	Data Based Application Partitioning and Workload Balance in Distributed Environment. , 2006, , .		1
42	Separation of Duty Constraint for Permission Based Delegation Model. , 2008, , .		1
43	A systematic approach for layered component identification. , 2009, , .		1
44	Deriving problem frames from business process and object analysis models. Expert Systems, 2013, 30, 200-214.	2.9	1
45	PROQRASS: A PROCESS-BASED APPROACH TO QUALITY REQUIREMENTS ANALYSIS FOR SERVICE SYSTEMS. International Journal of Software Engineering and Knowledge Engineering, 2013, 23, 943-962.	0.6	1
46	Deep Just-In-Time Defect Localization. IEEE Transactions on Software Engineering, 2021, , 1-1.	4.3	1
47	Learning Dynamic Preference Structure Embedding From Temporal Networks. , 2021, , .		1
48	THE STUDY ON SOFTWARE PROCESS IMPROVEMENT OF CHINESE OUTSOURCING COMPANY. , 2005, , .		0
49	Experience Report: Reengineering Standalone System into the Service-Partition Distributed Environment. , 2007, , .		0
50	An adaptive model for building service-partition system. , 2008, , .		0
51	Experience Report State-Replication-Based Matching System. , 2014, , .		0