Yijun Yu

List of Publications by Year in descending order

59 papers	1,027 citations	777949 13 h-index	721071 23 g-index
60 all docs	60 docs citations	60 times ranked	846 citing authors

#	Article	IF	Citations
1	EUD-MARS: End-user development of model-driven adaptive robotics software systems. Science of Computer Programming, 2020, 200, 102534.	1.5	6
2	Trace-Based Dynamic Gas Estimation of Loops in Smart Contracts. IEEE Open Journal of the Computer Society, 2020, 1, 295-306.	5.2	8
3	Recommending software features to designers: From the perspective of users. Software - Practice and Experience, 2020, 50, 1778-1792.	2.5	4
4	LiveBox: A Self-Adaptive Forensic-Ready Service for Drones. IEEE Access, 2019, 7, 148401-148412.	2.6	13
5	fAST: Flattening Abstract Syntax Trees for Efficiency. , 2019, , .		4
6	Design and Engineering of Adaptive Software Systems. , 2019, , 1-33.		1
7	Requirements Engineering. , 2019, , 51-92.		13
8	RE4CPS: Requirements Engineering for Cyber-Physical Systems. , 2019, , .		7
9	CrowdService. ACM Transactions on Internet Technology, 2018, 18, 1-25.	3.0	10
10	Locating bugs without looking back. Automated Software Engineering, 2018, 25, 383-434.	2.2	12
11	An Empirical Study of Cohesion and Coupling: Balancing Optimization and Disruption. IEEE Transactions on Evolutionary Computation, 2018, 22, 394-414.	7.5	25
12	Simplifying the Formal Verification of Safety Requirements in Zone Controllers Through Problem Frames and Constraint-Based Projection. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 3517-3528.	4.7	10
13	Feature-Driven Mediator Synthesis. ACM Transactions on Cyber-Physical Systems, 2018, 2, 1-25.	1.9	10
14	Live Blackboxes: Requirements for Tracking and Verifying Aircraft in Motion. , 2017, , .		2
15	Visual Simple Transformations. ACM Transactions on Computer-Human Interaction, 2017, 24, 1-43.	4.6	18
16	Towards Mobile Twin Peaks for App Development. , 2017, , .		0
17	Snap forensics: a tradeoff between ephemeral intelligence and persistent evidence collection. , 2017, , .		0
18	Engineering Adaptive Model-Driven User Interfaces. IEEE Transactions on Software Engineering, 2016, 42, 1118-1147.	4.3	33

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19	Locating bugs without looking back. , 2016, , .		12
20	CrowdService: serving the individuals through mobile crowdsourcing and service composition. , 2016, , .		10
21	Protecting Privacy in the Cloud: Current Practices, Future Directions. Computer, 2016, 49, 68-72.	1.2	12
22	An Architectural Evolution Dataset. , 2015, , .		2
23	Automated analysis of security requirements through risk-based argumentation. Journal of Systems and Software, 2015, 106, 102-116.	3.3	27
24	The Aftermath of the Missing Flight MH370: What Can Engineers Do? [Point of View]. Proceedings of the IEEE, 2015, 103, 1948-1951.	16.4	5
25	Managing Security Control Assumptions Using Causal Traceability. , 2015, , .		0
26	Integrating adaptive user interface capabilities in enterprise applications. , 2014, , .		16
27	Adaptive Model-Driven User Interface Development Systems. ACM Computing Surveys, 2014, 47, 1-33.	16.1	89
28	Evolving Commitments for Self-Adaptive Socio-technical Systems. , 2014, , .		2
29	Self-adaptation through incremental generative model transformations at runtime. , 2014, , .		36
30	Uncertainty handling in goal-driven self-optimization â€“ Limiting the negative effect on adaptation. Journal of Systems and Software, 2014, 90, 114-127.	3.3	8
31	From Model-Driven Software Development Processes to Problem Diagnoses at Runtime. Lecture Notes in Computer Science, 2014, , 188-207.	1.0	1
32	Crowdsourcing user interface adaptations for minimizing the bloat in enterprise applications. , 2013, , .		7
33	Cedar studio. , 2013, , .		16
34	RBUIS. , 2013, , .		21
35	Reasoning About Dynamic Aspectual Requirements. , 2013, , 23-42.		0
36	Analysing monitoring and switching problems for adaptive systems. Journal of Systems and Software, 2012, 85, 2829-2839.	3.3	17

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37	Stateful requirements monitoring for self-repairing socio-technical systems. , 2012, , .		8
38	Self-tuning of software systems through dynamic quality tradeoff and value-based feedback control loop. Journal of Systems and Software, 2012, 85, 2707-2719.	3.3	36
39	Specifying and detecting meaningful changes in programs. , 2011, , .		15
40	Assessing architectural evolution: a case study. Empirical Software Engineering, 2011, 16, 623-666.	3.0	18
41	Analyzing evolution of variability in a software product line: From contexts and requirements to features. Information and Software Technology, 2011, 53, 707-721.	3.0	14
42	Some Issues in the â€˜Archaeologyâ€™ of Software Evolution. Lecture Notes in Computer Science, 2011, , 426-445.	1.0	2
43	Improving the Tokenisation of Identifier Names. Lecture Notes in Computer Science, 2011, , 130-154.	1.0	26
44	Exploring the Influence of Identifier Names on Code Quality: An Empirical Study. , 2010, , .		78
45	Monitoring and diagnosing software requirements. Automated Software Engineering, 2009, 16, 3-35.	2.2	57
46	From Goals to High-Variability Software Design. , 2008, , 1-16.		36
47	Configuring features with stakeholder goals. , 2008, , .		39
48	An automated approach to monitoring and diagnosing requirements. , 2007, , .		40
49	On Goal-based Variability Acquisition and Analysis. , 2006, , .		79
50	Visualizing non-functional requirements. , 2006, , .		16
51	Making XML document markup international. Software - Practice and Experience, 2005, 35, 1-14.	2.5	2
52	Configuring common personal software: a requirements-driven approach. , 2005, , .		32
53	Towards requirements-driven autonomic systems design. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2005, 30, 1-7.	0.5	37
54	Non-uniform dependences partitioned by recurrence chains. , 2004, , .		0

#	Article	IF	Citations
55	Loop Parallelization using the 3D Iteration Space Visualizer. Journal of Visual Languages and Computing, 2001, 12, 163-181.	1.8	21
56	Performance visualizations using XML representations. , 0, , .		0
57	From goals to aspects: discovering aspects from requirements goal models. , 0, , .		7
58	A Lightweight Approach to Semantic Web Service Synthesis. , 0, , .		3
59	Online adaptation for autonomous unmanned systems driven by requirements satisfaction model. Software and Systems Modeling, 0, , 1.	2.2	0