

Chengzheng Sun

List of Publications by Year in descending order

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52
papers

1,658
citations

1039406

9
h-index

752256

20
g-index

52
all docs

52
docs citations

52
times ranked

338
citing authors

#	ARTICLE	IF	CITATIONS
1	Achieving convergence, causality preservation, and intention preservation in real-time cooperative editing systems. <i>ACM Transactions on Computer-Human Interaction</i> , 1998, 5, 63-108.	4.6	447
2	Operational transformation in real-time group editors. , 1998, , .		346
3	Consistency maintenance in real-time collaborative graphics editing systems. <i>ACM Transactions on Computer-Human Interaction</i> , 2002, 9, 1-41.	4.6	171
4	Transparent adaptation of single-user applications for multi-user real-time collaboration. <i>ACM Transactions on Computer-Human Interaction</i> , 2006, 13, 531-582.	4.6	153
5	Undo as concurrent inverse in group editors. <i>ACM Transactions on Computer-Human Interaction</i> , 2002, 9, 309-361.	4.6	84
6	Context-Based Operational Transformation in Distributed Collaborative Editing Systems. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2009, 20, 1454-1470.	4.0	77
7	Optional and responsive fine-grain locking in Internet-based collaborative systems. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2002, 13, 994-1008.	4.0	51
8	Real time cooperative editing on the Internet. <i>IEEE Internet Computing</i> , 2000, 4, 18-25.	3.2	42
9	Undo any operation at any time in group editors. , 2000, , .		41
10	A distributed algorithm for graphic objects replication in real-time group editors. , 1999, , .		28
11	Optimal locking integrated with operational transformation in distributed real-time group editors. , 1999, , .		25
12	Undoing any operation in collaborative graphics editing systems. , 2001, , .		19
13	Conditions and Patterns for Achieving Convergence in OT-Based Co-Editors. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2016, 27, 695-709.	4.0	18
14	Dependency-based automatic locking for semantic conflict prevention in real-time collaborative programming. , 2012, , .		15
15	Achieving integrated consistency maintenance and awareness in real-time collaborative programming environments: The CoEclipse approach. , 2012, , .		15
16	Achieving Data Consistency by Contextualization in Web-Based Collaborative Applications. <i>ACM Transactions on Internet Technology</i> , 2011, 10, 1-37.	3.0	13
17	Collaborative design: Improving efficiency by concurrent execution of Boolean tasks. <i>Expert Systems With Applications</i> , 2011, 38, 1089-1098.	4.4	10
18	A Novel DAL Scheme With Shared-Locking for Semantic Conflict Prevention in Unconstrained Real-Time Collaborative Programming. <i>IEEE Access</i> , 2017, 5, 22566-22583.	2.6	7

#	ARTICLE	IF	CITATIONS
19	Improving real-time collaboration with highlighting. Future Generation Computer Systems, 2004, 20, 605-625.	4.9	6
20	Real-Time Collaborative Software Modeling Using UML with Rational Software Architect. , 2006, , .		6
21	Leveraging single-user AutoCAD for collaboration by transparent adaptation. , 2009, , .		6
22	Inspiring Innovative Design Integration by Collaborative Exploration of Boolean Operations. IEEE Transactions on Industrial Informatics, 2010, 6, 243-250.	7.2	6
23	Supporting semantic conflict prevention in real-time collaborative programming environments. ACM SIGAPP Applied Computing Review: A Publication of the Special Interest Group on Applied Computing, 2012, 12, 39-52.	0.5	6
24	A Collaborative Table Editing Technique Based on Transparent Adaptation. Lecture Notes in Computer Science, 2005, , 576-592.	1.0	5
25	Virtual Wealth Realization in Virtual and Real Worlds. , 2009, , .		5
26	Shared-locking for semantic conflict prevention in real-time collaborative programming. , 2017, , .		5
27	Conflict Resolution of Boolean Operations by Integration in Real-Time Collaborative CAD Systems. , 2007, , 238-252.		5
28	Maintaining Multi-way Dataflow Constraints in Collaborative Systems. , 0, , .		4
29	Searching for Service-Oriented Strategies of Dynamic Composition of Web Services: A Comparative Perspective. , 2007, , .		4
30	Syntax-based Reconciliation for Asynchronous Collaborative Writing. , 0, , .		3
31	Maintaining constraints expressed as formulas in collaborative systems. , 2007, , .		3
32	API design recommendations for facilitating conversion of single-user applications into collaborative applications. , 2007, , .		3
33	Semantic enhanced rule driven workflow execution in Collaborative Virtual Enterprise. , 2008, , .		3
34	Balancing Conflict Prevention and Concurrent Work in Real-Time Collaborative Programming. , 2017, , .		3
35	CoVim: Incorporating real-time collaboration capabilities into comprehensive text editors. , 2017, , .		3
36	Multi-way Dataflow Constraint Propagation in Real-time Collaborative Systems. , 2006, , .		2

#	ARTICLE	IF	CITATIONS
37	A Generic WebDAV-Based Document Repository Manager for Collaborative Systems. , 2006, , .		2
38	Agile semantic conflict detection in real-time collaborative systems. , 2009, , .		2
39	Reflections on collaborative editing research: From academic curiosity to real-world application. , 2017, , .		2
40	Design and Implementation of a Concurrency Benchmark Tool for Cloud Storage Systems. , 2019, , .		2
41	Collaborative Highlighting for Real-Time Group Editors. Lecture Notes in Computer Science, 2002, , 39-50.	1.0	2
42	Reduction of Code Space in Parallel Logic Programming Systems. Lecture Notes in Computer Science, 1991, , 876-892.	1.0	2
43	Optional and responsive locking in collaborative graphics editing systems. ACM SIGGROUP Bulletin, 1999, 20, 17-20.	0.4	2
44	Selective recomputation for handling side-effects in parallel logic programs. Lecture Notes in Computer Science, 1997, , 275-289.	1.0	1
45	Comparison of Real-Time Text Chat and Collaborative Editing Systems. Lecture Notes in Computer Science, 2004, , 196-204.	1.0	1
46	A Top-Down Methodology for Building Semantic-Rich Service-Oriented Collaborative Virtual Enterprise (CVE). , 2007, , .		1
47	Diversification of Web Search Results through Social Interest Mining. , 2012, , .		1
48	Handling side-effects and cuts with selective recomputation in parallel Prolog. Future Generation Computer Systems, 2000, 17, 227-245.	4.9	0
49	Leveraging Single-user OpenOffice Writer for Collaboration by Transparent Adaptation. , 2007, , .		0
50	Distributed Constraints Maintenance in Collaborative UML Modeling Environments. , 2008, , .		0
51	Integration of the dynamic, mutual evaluating and role-based iterated revision belief into collaborative conceptual modeling. , 2009, , .		0
52	Operational transformation: Research and application. , 2010, , .		0