

Yuanchun Shi

List of Publications by Citations

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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.

72
papers

699
citations

14
h-index

24
g-index

99
ext. papers

994
ext. citations

2.7
avg, IF

4
L-index

#	Paper	IF	Citations
72	Real-Time Movie-Induced Discrete Emotion Recognition from EEG Signals. <i>IEEE Transactions on Affective Computing</i> , 2018 , 9, 550-562	5.7	124
71	The smart classroom: merging technologies for seamless tele-education. <i>IEEE Pervasive Computing</i> , 2003 , 2, 47-55	1.3	123
70	Open Smart Classroom: Extensible and Scalable Learning System in Smart Space Using Web Service Technology. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2009 , 21, 814-828	4.2	41
69	A Scalable Distributed Architecture for Intelligent Vision System. <i>IEEE Transactions on Industrial Informatics</i> , 2012 , 8, 91-99	11.9	24
68	High-performance scheduling model for multisensor gateway of cloud sensor system-based smart-living. <i>Information Fusion</i> , 2015 , 21, 42-56	16.7	23
67	Smart Classroom: Bringing Pervasive Computing into Distance Learning 2010 , 881-910		21
66	HeadGesture 2018 , 2, 1-23		18
65	How Much to Share: A Repeated Game Model for Peer-to-Peer Streaming under Service Differentiation Incentives. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2012 , 23, 288-295	3.7	17
64	Learning in an Ambient Intelligent World: Enabling Technologies and Practices. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2009 , 21, 910-924	4.2	17
63	Tap-to-Pair 2018 , 2, 1-21		17
62	EarTouch 2019 ,		16
61	. <i>IEEE Transactions on Human-Machine Systems</i> , 2018 , 48, 149-160	4.1	16
60	Fall Detection on Mobile Phones Using Features from a Five-Phase Model 2012 ,		16
59	EarBuddy: Enabling On-Face Interaction via Wireless Earbuds 2020 ,		15
58	Web Page Segmentation Based on Gestalt Theory 2007 ,		13
57	Effective Page Segmentation Combining Pattern Analysis and Visual Separators for Browsing on Small Screens 2006 ,		12
56	Accurate and Low-Latency Sensing of Touch Contact on Any Surface with Finger-Worn IMU Sensor 2019 ,		10

55	FrownOnError: Interrupting Responses from Smart Speakers by Facial Expressions 2020 ,		10
54	Designing and optimizing a healthcare kiosk for the community. <i>Applied Ergonomics</i> , 2015 , 47, 157-69	4.2	9
53	Virtual Paving 2020 , 4, 1-25		9
52	Enhanced Gestalt Theory Guided Web Page Segmentation for Mobile Browsing 2009 ,		8
51	uPen: a smart pen-liked device for facilitating interaction on large displays		8
50	Open Smart Classroom: Extensible and Scalable Smart Space Using Web Service Technology 2008 , 428-439		7
49	CAMPS: A Middleware for Providing Context-Aware Services for Smart Space. <i>Lecture Notes in Computer Science</i> , 2006 , 644-653	0.9	7
48	Requester-Based Spin Lock: A Scalable and Energy Efficient Locking Scheme on Multicore Systems. <i>IEEE Transactions on Computers</i> , 2015 , 64, 166-179	2.5	6
47	Towards Blended Learning Environment Based on Pervasive Computing Technologies. <i>Lecture Notes in Computer Science</i> , 2008 , 190-201	0.9	6
46	FaceSight: Enabling Hand-to-Face Gesture Interaction on AR Glasses with a Downward-Facing Camera Vision 2021 ,		6
45	Experience on Comparison of Operating Systems Scalability on the Multi-core Architecture 2011 ,		5
44	Designing and Evaluating Hand-to-Hand Gestures with Dual Commodity Wrist-Worn Devices 2020 , 4, 1-27		5
43	Photoplethysmogram-based Cognitive Load Assessment Using Multi-Feature Fusion Model. <i>ACM Transactions on Applied Perception</i> , 2019 , 16, 1-17	1.4	4
42	Exploring the effect of display size on pointing performance 2013 ,		4
41	Resource management based on personal service aggregations in smart spaces		4
40	HeadCross 2020 , 4, 1-22		4
39	DualRing 2021 , 5, 1-27		4
38	Drag and Drop by Laser Pointer: Seamless Interaction with Multiple Large Displays. <i>Lecture Notes in Computer Science</i> , 2006 , 12-20	0.9	4

37	"I Bought This for Me to Look More Ordinary" 2019 ,		3
36	VIPBoard 2019 ,		3
35	Reducing Scalability Collapse via Requester-Based Locking on Multicore Systems 2012 ,		3
34	A Scheduling Method for Avoiding Kernel Lock Thrashing on Multi-cores 2010 ,		3
33	Finding User's Interest Blocks using Significant Implicit Evidence for Web Browsing on Small Screen Devices. <i>World Wide Web</i> , 2009 , 12, 213-234	2.9	3
32	Dual relations in physical and cyber space. <i>Science Bulletin</i> , 2006 , 51, 121-128		3
31	Speaker Tracking and Identifying Based on Indoor Localization System and Microphone Array 2007 ,		3
30	CLASSROOM IN THE ERA OF UBIQUITOUS COMPUTING SMART CLASSROOM 2001 ,		3
29	A Core Model Supporting Location-Aware Computing in Smart Classroom. <i>Lecture Notes in Computer Science</i> , 2005 , 1-13	0.9	3
28	QwertyRing 2020 , 4, 1-29		3
27	Typing on Split Keyboards with Peripheral Vision 2019 ,		2
26	Mitigating Resource Contention on Multicore Systems via Scheduling. <i>Computer Journal</i> , 2014 , 57, 1178-1194	1.9	2
25	SSCP: An OSGi-based communication portal for Smart Space 2009 ,		2
24	A Scalable Passive RFID-Based Multi-User Indoor Location System 2011 ,		2
23	Finger gesture interaction on large tabletop for sharing digital documents among multiple users 2008 ,		2
22	AMTM: an adaptive multimedia transport model 2000 ,		2
21	PalmBoard: Leveraging Implicit Touch Pressure in Statistical Decoding for Indirect Text Entry 2020 ,		2
20	Seamless Mobile Service for Pervasive Multimedia. <i>Lecture Notes in Computer Science</i> , 2004 , 754-761	0.9	2

19	pbSE: Phase-Based Symbolic Execution 2017 ,		1
18	Scaling OLTP applications on commodity multi-core platforms 2010 ,		1
17	Comparing Operating Systems Scalability on Multicore Processors by Microbenchmarking. <i>IEICE Transactions on Information and Systems</i> , 2012 , E95.D, 2810-2820	0.6	1
16	UMDD: User Model Driven Software Development 2008 ,		1
15	Ermddlime: Enabling Real-time Multimedia Discussion for Collaborative Learning in Mobile Environment 2006 ,		1
14	Intelligent meeting room: facilitating collaboration for multi mobile devices on contextual information		1
13	A conformance test suite of localized LOM model		1
12	A learning resource metadata management system based on LOM specification		1
11	Learning by Seamless Migration [A Kind of Mobile Working Paradigm. <i>Lecture Notes in Computer Science</i> , 2004 , 128-135	0.9	1
10	Baton: A Service Management System for Coordinating Smart Things in Smart Spaces. <i>Lecture Notes in Computer Science</i> , 2005 , 11-20	0.9	1
9	INFERS: An Infrastructure for Experience Record in Smart Spaces. <i>Lecture Notes in Computer Science</i> , 2006 , 215-226	0.9	1
8	A Novel Approach for Sharing White Board Between PC and PDAs with Multi-users. <i>Lecture Notes in Computer Science</i> , 2006 , 1129-1138	0.9	1
7	The dynamic grouping keyboard: a general keyboard optimization approach for users with motor impairment. <i>CCF Transactions on Pervasive Computing and Interaction</i> , 2019 , 1, 89-99	1.8	0
6	Towards scalability collapse behavior on multicores. <i>Concurrency Computation Practice and Experience</i> , 2014 , 26, 336-359	1.4	
5	Baton: a service manager for better sustaining agent coordination in smart spaces. <i>International Journal of Pervasive Computing and Communications</i> , 2009 , 5, 104-126	3.3	
4	Easily-add battery-free wireless sensors to everyday objects: system implementation and usability study. <i>CCF Transactions on Pervasive Computing and Interaction</i> , 2022 , 4, 45-60	1.8	
3	A Multi-agent Software Platform Accommodating Location-Awareness for Smart Space. <i>Lecture Notes in Computer Science</i> , 2005 , 51-60	0.9	
2	Integrating Smart Classroom and Language Services. <i>Cognitive Technologies</i> , 2011 , 263-277	2	

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