

Yuanchun Shi

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/11446437/yuanchun-shi-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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	
71	FaceSight: Enabling Hand-to-Face Gesture Interaction on AR Glasses with a Downward-Facing Camera Vision 2021 ,		6
70	LightGuide 2021 , 5, 1-27		
69	DualRing 2021 , 5, 1-27		4
68	PalmBoard: Leveraging Implicit Touch Pressure in Statistical Decoding for Indirect Text Entry 2020 ,		2
67	FrownOnError: Interrupting Responses from Smart Speakers by Facial Expressions 2020 ,		10
66	EarBuddy: Enabling On-Face Interaction via Wireless Earbuds 2020 ,		15
65	HeadCross 2020 , 4, 1-22		4
64	Designing and Evaluating Hand-to-Hand Gestures with Dual Commodity Wrist-Worn Devices 2020 , 4, 1-27		5
63	Virtual Paving 2020 , 4, 1-25		9
62	QwertyRing 2020 , 4, 1-29		3
61	Photoplethysmogram-based Cognitive Load Assessment Using Multi-Feature Fusion Model. <i>ACM Transactions on Applied Perception</i> , 2019 , 16, 1-17	1.4	4
60	Typing on Split Keyboards with Peripheral Vision 2019 ,		2
59	"I Bought This for Me to Look More Ordinary" 2019 ,		3
58	VIPBoard 2019 ,		3
57	EarTouch 2019 ,		16
56	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

55	Accurate and Low-Latency Sensing of Touch Contact on Any Surface with Finger-Worn IMU Sensor 2019,		10
54	. <i>IEEE Transactions on Human-Machine Systems</i> , 2018 , 48, 149-160	4.1	16
53	Real-Time Movie-Induced Discrete Emotion Recognition from EEG Signals. <i>IEEE Transactions on Affective Computing</i> , 2018 , 9, 550-562	5.7	124
52	Tap-to-Pair 2018 , 2, 1-21		17
51	HeadGesture 2018 , 2, 1-23		18
50	pbSE: Phase-Based Symbolic Execution 2017,		1
49	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
48	Designing and optimizing a healthcare kiosk for the community. <i>Applied Ergonomics</i> , 2015 , 47, 157-69	4.2	9
47	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
46	Mitigating Resource Contention on Multicore Systems via Scheduling. <i>Computer Journal</i> , 2014 , 57, 1178-1194	1.3	2
45	Towards scalability collapse behavior on multicores. <i>Concurrency Computation Practice and Experience</i> , 2014 , 26, 336-359	1.4	
44	Exploring the effect of display size on pointing performance 2013,		4
43	A Scalable Distributed Architecture for Intelligent Vision System. <i>IEEE Transactions on Industrial Informatics</i> , 2012 , 8, 91-99	11.9	24
42	Reducing Scalability Collapse via Requester-Based Locking on Multicore Systems 2012,		3
41	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
40	Fall Detection on Mobile Phones Using Features from a Five-Phase Model 2012,		16
39	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
38	Experience on Comparison of Operating Systems Scalability on the Multi-core Architecture 2011,		5

37	A Scalable Passive RFID-Based Multi-User Indoor Location System 2011 ,		2
36	Integrating Smart Classroom and Language Services. <i>Cognitive Technologies</i> , 2011 , 263-277		2
35	Scaling OLTP applications on commodity multi-core platforms 2010 ,		1
34	A Scheduling Method for Avoiding Kernel Lock Thrashing on Multi-cores 2010 ,		3
33	Smart Classroom: Bringing Pervasive Computing into Distance Learning 2010 , 881-910		21
32	SSCP: An OSGi-based communication portal for Smart Space 2009 ,		2
31	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
30	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
29	Enhanced Gestalt Theory Guided Web Page Segmentation for Mobile Browsing 2009 ,		8
28	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
27	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	
26	Finger gesture interaction on large tabletop for sharing digital documents among multiple users 2008 ,		2
25	UMDD: User Model Driven Software Development 2008 ,		1
24	Open Smart Classroom: Extensible and Scalable Smart Space Using Web Service Technology 2008 , 428-439		7
23	Towards Blended Learning Environment Based on Pervasive Computing Technologies. <i>Lecture Notes in Computer Science</i> , 2008 , 190-201	0.9	6
22	Speaker Tracking and Identifying Based on Indoor Localization System and Microphone Array 2007 ,		3
21	Web Page Segmentation Based on Gestalt Theory 2007 ,		13
20	Dual relations in physical and cyber space. <i>Science Bulletin</i> , 2006 , 51, 121-128		3

19	Erm�clime: Enabling Real-time Multimedia Discussion for Collaborative Learning in Mobile Environment 2006 ,		1
18	Effective Page Segmentation Combining Pattern Analysis and Visual Separators for Browsing on Small Screens 2006 ,		12
17	INFERS: An Infrastructure for Experience Record in Smart Spaces. <i>Lecture Notes in Computer Science</i> , 2006 , 215-226	0.9	1
16	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
15	CAMPS: A Middleware for Providing Context-Aware Services for Smart Space. <i>Lecture Notes in Computer Science</i> , 2006 , 644-653	0.9	7
14	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
13	A Multi-agent Software Platform Accommodating Location-Awareness for Smart Space. <i>Lecture Notes in Computer Science</i> , 2005 , 51-60	0.9	
12	A Core Model Supporting Location-Aware Computing in Smart Classroom. <i>Lecture Notes in Computer Science</i> , 2005 , 1-13	0.9	3
11	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
10	Learning by Seamless Migration □ A Kind of Mobile Working Paradigm. <i>Lecture Notes in Computer Science</i> , 2004 , 128-135	0.9	1
9	Seamless Mobile Service for Pervasive Multimedia. <i>Lecture Notes in Computer Science</i> , 2004 , 754-761	0.9	2
8	The smart classroom: merging technologies for seamless tele-education. <i>IEEE Pervasive Computing</i> , 2003 , 2, 47-55	1.3	123
7	CLASSROOM IN THE ERA OF UBIQUITOUS COMPUTING SMART CLASSROOM 2001 ,		3
6	AMTM: an adaptive multimedia transport model 2000 ,		2
5	uPen: a smart pen-liked device for facilitating interaction on large displays		8
4	Resource management based on personal service aggregations in smart spaces		4
3	Intelligent meeting room: facilitating collaboration for multi mobile devices on contextual information		1
2	A conformance test suite of localized LOM model		1

1 A learning resource metadata management system based on LOM specification

1