Irma ChacÃ³n

List of Publications by Year
in descending order

47 papers	378 citations	1307594 7 h-index	996975 15 g-index
49 all docs	49 docs citations	49 times ranked	299 citing authors

#	Article	IF	Citations
1	Preface to JAISE 14(1). Journal of Ambient Intelligence and Smart Environments, 2022, 14, 1-1.	1.4	0
2	Design-Based Research on Teacher Facilitation in a Pedagogic Integration of Flipped Learning and Social Enquiry Learning. Sustainability, 2022, 14, 996.	3.2	8
3	A Portable Sign Language Collection and Translation Platform with Smart Watches Using a BLSTM-Based Multi-Feature Framework. Micromachines, 2022, 13, 333.	2.9	8
4	Preface to JAISE 13(1). Journal of Ambient Intelligence and Smart Environments, 2021, 13, 1-1.	1.4	0
5	An Adaptive Multi-Population Optimization Algorithm for Global Continuous Optimization. IEEE Access, 2021, 9, 19960-19989.	4.2	10
6	Applying (3+2+1)D Residual Neural Network with Frame Selection for Hong Kong Sign Language Recognition. , 2021, , .		7
7	Preface to JAISE 13(2). Journal of Ambient Intelligence and Smart Environments, 2021, 13, 75-76.	1.4	0
8	Preface to JAISE 13(3). Journal of Ambient Intelligence and Smart Environments, 2021, , 1-1.	1.4	0
9	Preface to JAISE 13(4). Journal of Ambient Intelligence and Smart Environments, 2021, 13, 269-270.	1.4	0
10	Preface to JAISE 13(5). Journal of Ambient Intelligence and Smart Environments, 2021, 13, 345-346.	1.4	0
11	Preface to JAISE 13(6). Journal of Ambient Intelligence and Smart Environments, 2021, , 1-2.	1.4	0
12	SignBERT: A BERT-Based Deep Learning Framework for Continuous Sign Language Recognition. IEEE Access, 2021, 9, 161669-161682.	4.2	13
13	Preface to JAISE 12(4). Journal of Ambient Intelligence and Smart Environments, 2020, 12, 279-280.	1.4	0
14	Preface to JAISE 12(5). Journal of Ambient Intelligence and Smart Environments, 2020, 12, 375-375.	1.4	0
15	A Portable Hong Kong Sign Language Translation Platform with Deep Learning and Jetson Nano. , 2020, , .		5
16	Preface to JAISE 12(6). Journal of Ambient Intelligence and Smart Environments, 2020, 12, 455-456.	1.4	0
17	Artificial intelligence and ambient intelligence. Journal of Ambient Intelligence and Smart Environments, 2019, 11, 71-86.	1.4	77
18	Applying Instructional Design in Engineering Education and Industrial Training: An Integrative Review. , 2019, , .		2

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19	Adoption of flipped learning in social humanities education: the FIBER experience in secondary schools. Interactive Learning Environments, 2019, 27, 1222-1238.	6.4	24
20	A Machine Learning View on Momentum and Reversal Trading. Algorithms, 2018, 11, 170.	2.1	6
21	Pre-Conference Workshopâ€"Chatbot Tutors for Blended Learning: Why Bother? And Where to Start?. , 2018, , .		3
22	Teaching Internet of Things: Enhancing learning efficiency via full-semester flipped classroom. , 2017, , .		12
23	Combining the real-time wavelet denoising and long-short-term-memory neural network for predicting stock indexes. , 2017, , .		14
24	Multidimensional Discussions on an Interactive Mobile Platform for Language Education -- A Case at the University of Hong Kong. , 2014, , .		0
25	An Intelligent Mobile Application to Facilitate the Exploratory and Personalized Learning of Chinese on Smartphones. , 2014, , .		3
26	Facilitating a personalized learning environment through learning analytics on mobile devices. , 2014, , .		2
27	Applying an Evolutionary Approach for Learning Path Optimization in the Next-Generation E-Learning Systems. , 2013, , .		1
28	Using Cloud Computing and Mobile Devices to Facilitate Students' Learning through E-Learning Games. , 2013, , .		4
29	Building an Interactive Simulator on a Cloud Computing Platform to Enhance Students' Understanding of Computer Systems. , 2013, , .		3
30	Exploring Chinese through learning objects and interactive interface on mobile devices. , 2012, , .		4
31	Integrating the Kinect camera, gesture recognition and mobile devices for interactive discussion. , 2012, , .		18
32	Toward a Complete E-learning System Framework for Semantic Analysis, Concept Clustering and Learning Path Optimization. , 2012, , .		16
33	Applying the ZigBee and Wireless Sensors to Monitor the Efficiency of Workflow. , 2009, , .		2
34	HyBloc: Localization in Sensor Networks with Adverse Anchor Placement. Sensors, 2009, 9, 253-280.	3.8	16
35	Image and video processing in wireless sensor networks. Multidimensional Systems and Signal Processing, 2009, 20, 99-100.	2.6	3
36	Improving data centric storage with diffuse caching in wireless sensor networks. Wireless Communications and Mobile Computing, 2009, 9, 347-356.	1.2	5

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37	A distributed multihop time synchronization protocol for wireless sensor networks using Pairwise Broadcast Synchronization. IEEE Transactions on Wireless Communications, 2009, 8, 1764-1772.	9.2	67
38	Developing an Innovative and Pen-Based Simulator to Enhance Education and Research in Computer Systems. , 2009, , .		4
39	Localization in Sensor Networks with Limited Number of Anchors and Clustered Placement. , 2007, , .		24
40	An Adaptive Framework of Multiple Schemes for Event and Query Distribution in Wireless Sensor Networks. , 2007, , .		1
41	A Descend-Based Evolutionary Approach to Enhance Position Estimation in Wireless Sensor Networks. , 2006, , .		10
42	INTELLIGENT VISUALIZATION TECHNIQUES FOR REUSABLE LEARNING OBJECTS TO FACILITATE AN ONLINE LEARNING ENVIRONMENT. , 2006, , .		0
43	Applying An Improved Heuristic Based Optimiser to Solve a Set of Challenging University Timetabling Problems: An Experience Report. Lecture Notes in Computer Science, 2004, , 164-172.	1.3	1
44	Combining Meta-Heuristics to Effectively Solve the Vehicle Routing Problems with Time Windows. Artificial Intelligence Review, 2004, 21, 87-112.	15.7	2
45	Evolving Artificial Ant Systems to Improve Layouts of Graphical Objects. Lecture Notes in Computer Science, 2004, , 955-956.	1.3	2
46	Solving Pickup and Delivery Problems with Refined Construction and Repair Heuristics. Lecture Notes in Computer Science, 2004, , 932-933.	1.3	0
47	Optimizing Personal Computer Configurationswith Heuristic-Based Search Methods. Artificial Intelligence Review, 2002, 17, 129-140.	15.7	1