Yue-Shan Chang

List of Publications by Year
in descending order

		840776	552781
60 papers	895 citations	11 h-index	26 g-index
60 all docs	60 docs citations	60 times ranked	794 citing authors

#	Article	IF	Citations
1	An LSTM-based aggregated model for air pollution forecasting. Atmospheric Pollution Research, 2020, 11, 1451-1463.	3.8	170
2	Adaptive scheduling for parallel tasks with QoS satisfaction for hybrid cloud environments. Journal of Supercomputing, 2013, 66, 783-811.	3.6	99
3	Air Pollution Forecasting Using RNN with LSTM. , 2018, , .		94
4	A relaxable service selection algorithm for QoS-based web service composition. Information and Software Technology, 2011, 53, 1370-1381.	4.4	60
5	A parallel Bees Algorithm implementation on GPU. Journal of Systems Architecture, 2014, 60, 271-279.	4.3	46
6	An ensemble learning based hybrid model and framework for air pollution forecasting. Environmental Science and Pollution Research, 2020, 27, 38155-38168.	5.3	46
7	Mobile cloud-based depression diagnosis using an ontology and a Bayesian network. Future Generation Computer Systems, 2015, 43-44, 87-98.	7.5	40
8	A LoRa-Based Air Quality Monitor on Unmanned Aerial Vehicle for Smart City. , 2018, , .		38
9	CUDT: A CUDA Based Decision Tree Algorithm. Scientific World Journal, The, 2014, 2014, 1-12.	2.1	31
10	Ensemble multifeatured deep learning models for air quality forecasting. Atmospheric Pollution Research, 2021, 12, 101045.	3.8	23
11	NCASH: NFC PHONE-ENABLED PERSONALIZED CONTEXT AWARENESS SMART-HOME ENVIRONMENT. Cybernetics and Systems, 2010, 41, 123-145.	2.5	22
12	Agent-Based Service Migration Framework in Hybrid Cloud. , 2011, , .		22
13	Systematical Approach for Detecting the Intention and Intensity of Feelings on Social Network. IEEE Journal of Biomedical and Health Informatics, 2016, 20, 987-995.	6.3	14
14	Integrating intelligent agent and ontology for services discovery on cloud environment. , 2012, , .		13
15	An agentâ€based workflow scheduling mechanism with deadline constraint on hybrid cloud environment. International Journal of Communication Systems, 2018, 31, e3401.	2.5	13
16	Advances in intelligent grid and cloud computing. Information Systems Frontiers, 2012, 14, 823-825.	6.4	11
17	Depression Diagnosis Based on Ontologies and Bayesian Networks. , 2013, , .		11
18	Scaling database performance on GPUs. Information Systems Frontiers, 2012, 14, 909-924.	6.4	10

#	ARTICLE	IF	CITATIONS
19	Constructing PM2.5 Map Based on Mobile PM2.5 Sensor and Cloud Platform. , 2016, , .		10
20	Toward a NFC Phone-Driven Context Awareness Smart Environment. , 2009, , .		9
21	A self-adaptive computing framework for parallel maximum likelihood evaluation. Journal of Supercomputing, 2012, 61, 67-83.	3.6	7
22	A near field communication-driven home automation framework. Personal and Ubiquitous Computing, 2013, 17, 169-185.	2.8	7
23	Using cloud-based mobile learning for practice-oriented education. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2016, 39, 755-764.	1.1	7
24	A unified interface for integrating information retrieval. Computer Standards and Interfaces, 2001, 23, 325-340.	5.4	6
25	Supporting unified interface to wrapper generator in Integrated Information Retrieval. Computer Standards and Interfaces, 2002, 24, 291-309.	5.4	6
26	Prototyping an integrated information gathering system on CORBA. Journal of Systems and Software, 2004, 72, 281-294.	4.5	6
27	Agent-Based Intelligent Software Exploits Near-Field Communication. IT Professional, 2011, 13, 30-36.	1.5	6
28	Execution Time Prediction Using Rough Set Theory in Hybrid Cloud. , 2012, , .		6
29	A scientific data extraction architecture using classified metadata. Journal of Supercomputing, 2012, 60, 338-359.	3.6	6
30	Hybrid knowledge fusion and inference on cloud environment. Future Generation Computer Systems, 2018, 87, 568-579.	7.5	6
31	Cost Evaluation on Building and Operating Cloud Platform. International Journal of Grid and High Performance Computing, 2013, 5, 43-53.	0.9	6
32	Adaptive Knowledge Retrieving on Mobile Grid. , 2008, , .		5
33	Supporting software intelligence in ubiquitous environment exploits mobile agent. Journal of Ambient Intelligence and Humanized Computing, 2012, 3, 141-151.	4.9	4
34	VM instance selection for deadline constraint job on agent-based interconnected cloud. Future Generation Computer Systems, 2018, 87, 470-487.	7.5	4
35	Advances on intelligent network management. Telecommunication Systems, 2013, 52, 633.	2.5	3
36	Inference of Mood State Indices by Using a Multimodal High-Level Information Fusion Technique. IEEE Access, 2021, 9, 61256-61268.	4.2	3

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37	Managing and sharing collaborative files through WWW. Future Generation Computer Systems, 2001, 17, 1039-1049.	7.5	2
38	CODEX: Content-Oriented Data EXchange Model on CORBA. Computer Standards and Interfaces, 2003, 25, 329-343.	5.4	2
39	A new development environment for an event-based distributed system. Computer Standards and Interfaces, 2003, 25, 345-355.	5.4	2
40	Integration of CORBA and object relational databases. Computer Standards and Interfaces, 2003, 25, 373-389.	5.4	2
41	A resource-awareness information extraction architecture on mobile grid environment. Journal of Network and Computer Applications, 2010, 33, 682-695.	9.1	2
42	A Mobile Agent-Based Software Intelligence Framework in Ubiquitous Environment. , 2010, , .		2
43	SOS-DR: a social warning system for detecting users at high risk of depression. Personal and Ubiquitous Computing, 2017, , 1.	2.8	2
44	Enhancing Classification Effectiveness of Chinese News Based on Term Frequency. , 2017, , .		2
45	Speech Recognition for People with Dysphasia Using Convolutional Neural Network. , 2018, , .		2
46	Design and Implementation of Platform for Collecting Physiological and Psychological Data for Mood Status Inference. , 2021, , .		2
47	AIR: Agent and Ontology-Based Information Retrieval Architecture for Mobile Grid. , 2008, , .		1
48	Accelerating 3-DES Performance Using GPU. , 2011, , .		1
49	Applying ontology to geographical scientific data extraction. , 2011, , .		1
50	UCS â€" A Unified Cloud Storage Integration Service. , 2017, , .		1
51	A fault-tolerant ONVIF protocol extension for seamless surveillance video stream recording. Computer Standards and Interfaces, 2018, 55, 55-72.	5.4	1
52	The Federated Forums based Integrated Biological Data Mining Broker. Computer Standards and Interfaces, 2005, 27, 579-596.	5.4	0
53	A rule based mobile agent generation for information retrieval. , 2010, , .		0
54	A DHT-Based Data Extraction Scheme for Geographical Ocean Data. , 2011, , .		0

#	Article	IF	Citations
55	Improving system and software deployment on a large-scale cloud data center. , 2013, , .		0
56	A restful web notification service. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2016, 39, 429-435.	1.1	0
57	A Fault-Tolerant ONVIF Standard Extension for Cloud-Based Surveillance Systems. , 2017, , .		0
58	A Mobile Cloud-Based Biofeedback Platform for Evaluating Medication Response. , 2017, , .		0
59	Monitoring and estimating inhalation of particular matter using personal physiological data. , 2017, , .		0
60	The Process and Platform for Predicting PM2.5 Inhalation and Retention during Exercise. Processes, 2021, 9, 2026.	2.8	0