

Yue-Shan Chang

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

895
citations

840776

11
h-index

552781

26
g-index

60
all docs

60
docs citations

60
times ranked

794
citing authors

#	ARTICLE	IF	CITATIONS
1	Ensemble multifeatured deep learning models for air quality forecasting. Atmospheric Pollution Research, 2021, 12, 101045.	3.8	23
2	Design and Implementation of Platform for Collecting Physiological and Psychological Data for Mood Status Inference. , 2021, , .		2
3	Inference of Mood State Indices by Using a Multimodal High-Level Information Fusion Technique. IEEE Access, 2021, 9, 61256-61268.	4.2	3
4	The Process and Platform for Predicting PM2.5 Inhalation and Retention during Exercise. Processes, 2021, 9, 2026.	2.8	0
5	An ensemble learning based hybrid model and framework for air pollution forecasting. Environmental Science and Pollution Research, 2020, 27, 38155-38168.	5.3	46
6	An LSTM-based aggregated model for air pollution forecasting. Atmospheric Pollution Research, 2020, 11, 1451-1463.	3.8	170
7	Hybrid knowledge fusion and inference on cloud environment. Future Generation Computer Systems, 2018, 87, 568-579.	7.5	6
8	VM instance selection for deadline constraint job on agent-based interconnected cloud. Future Generation Computer Systems, 2018, 87, 470-487.	7.5	4
9	A fault-tolerant ONVIF protocol extension for seamless surveillance video stream recording. Computer Standards and Interfaces, 2018, 55, 55-72.	5.4	1
10	An agent-based workflow scheduling mechanism with deadline constraint on hybrid cloud environment. International Journal of Communication Systems, 2018, 31, e3401.	2.5	13
11	Speech Recognition for People with Dysphasia Using Convolutional Neural Network. , 2018, , .		2
12	Air Pollution Forecasting Using RNN with LSTM. , 2018, , .		94
13	A LoRa-Based Air Quality Monitor on Unmanned Aerial Vehicle for Smart City. , 2018, , .		38
14	SOS-DR: a social warning system for detecting users at high risk of depression. Personal and Ubiquitous Computing, 2017, , 1.	2.8	2
15	Enhancing Classification Effectiveness of Chinese News Based on Term Frequency. , 2017, , .		2
16	UCS " A Unified Cloud Storage Integration Service. , 2017, , .		1
17	A Fault-Tolerant ONVIF Standard Extension for Cloud-Based Surveillance Systems. , 2017, , .		0
18	A Mobile Cloud-Based Biofeedback Platform for Evaluating Medication Response. , 2017, , .		0

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19	Monitoring and estimating inhalation of particular matter using personal physiological data. , 2017, , .		0
20	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 Hsueh K'an, 2016, 39, 755-764.	1.1	7
21	Constructing PM2.5 Map Based on Mobile PM2.5 Sensor and Cloud Platform. , 2016, , .		10
22	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 Hsueh K'an, 2016, 39, 429-435.	1.1	0
23	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
24	Mobile cloud-based depression diagnosis using an ontology and a Bayesian network. Future Generation Computer Systems, 2015, 43-44, 87-98.	7.5	40
25	CUDT: A CUDA Based Decision Tree Algorithm. Scientific World Journal, The, 2014, 2014, 1-12.	2.1	31
26	A parallel Bees Algorithm implementation on GPU. Journal of Systems Architecture, 2014, 60, 271-279.	4.3	46
27	Advances on intelligent network management. Telecommunication Systems, 2013, 52, 633.	2.5	3
28	Adaptive scheduling for parallel tasks with QoS satisfaction for hybrid cloud environments. Journal of Supercomputing, 2013, 66, 783-811.	3.6	99
29	Improving system and software deployment on a large-scale cloud data center. , 2013, , .		0
30	A near field communication-driven home automation framework. Personal and Ubiquitous Computing, 2013, 17, 169-185.	2.8	7
31	Depression Diagnosis Based on Ontologies and Bayesian Networks. , 2013, , .		11
32	Cost Evaluation on Building and Operating Cloud Platform. International Journal of Grid and High Performance Computing, 2013, 5, 43-53.	0.9	6
33	Execution Time Prediction Using Rough Set Theory in Hybrid Cloud. , 2012, , .		6
34	Integrating intelligent agent and ontology for services discovery on cloud environment. , 2012, , .		13
35	Scaling database performance on GPUs. Information Systems Frontiers, 2012, 14, 909-924.	6.4	10
36	Advances in intelligent grid and cloud computing. Information Systems Frontiers, 2012, 14, 823-825.	6.4	11

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37	A scientific data extraction architecture using classified metadata. Journal of Supercomputing, 2012, 60, 338-359.	3.6	6
38	A self-adaptive computing framework for parallel maximum likelihood evaluation. Journal of Supercomputing, 2012, 61, 67-83.	3.6	7
39	Supporting software intelligence in ubiquitous environment exploits mobile agent. Journal of Ambient Intelligence and Humanized Computing, 2012, 3, 141-151.	4.9	4
40	Agent-Based Service Migration Framework in Hybrid Cloud. , 2011, , .		22
41	Accelerating 3-DES Performance Using GPU. , 2011, , .		1
42	A relaxable service selection algorithm for QoS-based web service composition. Information and Software Technology, 2011, 53, 1370-1381.	4.4	60
43	Agent-Based Intelligent Software Exploits Near-Field Communication. IT Professional, 2011, 13, 30-36.	1.5	6
44	A DHT-Based Data Extraction Scheme for Geographical Ocean Data. , 2011, , .		0
45	Applying ontology to geographical scientific data extraction. , 2011, , .		1
46	A resource-awareness information extraction architecture on mobile grid environment. Journal of Network and Computer Applications, 2010, 33, 682-695.	9.1	2
47	A rule based mobile agent generation for information retrieval. , 2010, , .		0
48	A Mobile Agent-Based Software Intelligence Framework in Ubiquitous Environment. , 2010, , .		2
49	NCASH: NFC PHONE-ENABLED PERSONALIZED CONTEXT AWARENESS SMART-HOME ENVIRONMENT. Cybernetics and Systems, 2010, 41, 123-145.	2.5	22
50	Toward a NFC Phone-Driven Context Awareness Smart Environment. , 2009, , .		9
51	AIR: Agent and Ontology-Based Information Retrieval Architecture for Mobile Grid. , 2008, , .		1
52	Adaptive Knowledge Retrieving on Mobile Grid. , 2008, , .		5
53	The Federated Forums based Integrated Biological Data Mining Broker. Computer Standards and Interfaces, 2005, 27, 579-596.	5.4	0
54	Prototyping an integrated information gathering system on CORBA. Journal of Systems and Software, 2004, 72, 281-294.	4.5	6

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55	CODEX: Content-Oriented Data EXchange Model on CORBA. Computer Standards and Interfaces, 2003, 25, 329-343.	5.4	2
56	A new development environment for an event-based distributed system. Computer Standards and Interfaces, 2003, 25, 345-355.	5.4	2
57	Integration of CORBA and object relational databases. Computer Standards and Interfaces, 2003, 25, 373-389.	5.4	2
58	Supporting unified interface to wrapper generator in Integrated Information Retrieval. Computer Standards and Interfaces, 2002, 24, 291-309.	5.4	6
59	Managing and sharing collaborative files through WWW. Future Generation Computer Systems, 2001, 17, 1039-1049.	7.5	2
60	A unified interface for integrating information retrieval. Computer Standards and Interfaces, 2001, 23, 325-340.	5.4	6