



Chao-Tung Yang

<https://www.webofscience.com/wos/author/rid/B-4562-2009>

Web of Science ResearcherID: [B-4562-2009](#)

ORCID: 0000-0002-9579-4426

Publication Metrics

For manuscripts published from date range January 2017 - October 2023

14

H-index

94

Total Publications

612

Sum of Times Cited

87

Web of Science Core Collection Publications

For all time

21

H-index

392

Total Publications

1950

Sum of Times Cited

330

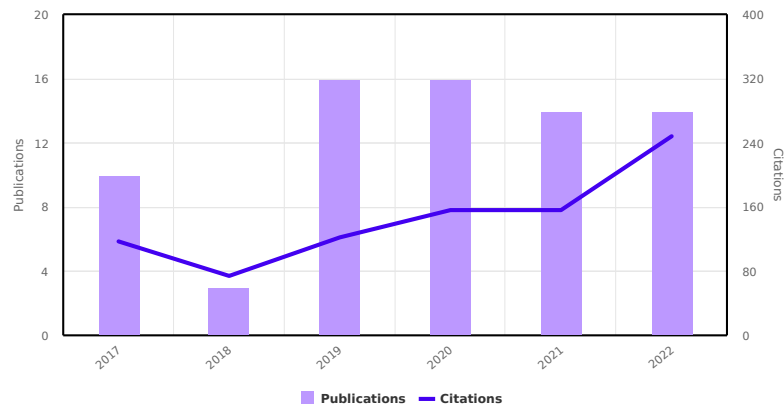
Web of Science Core Collection Publications

8

Sum of Times Cited by Patents

Publication Impact Over Time

Times Cited and Publications Over Time



Publishing Summary

For manuscripts published from date range January 2017 - October 2023

- | | |
|---|---|
| (15) The Journal of Supercomputing | (8) IEEE Access |
| (5) Applied Sciences | (4) Lecture Notes in Electrical Engin... |
| (3) Cluster Computing | (3) Future Generation Computer Sys... |
| (3) Journal of Internet Technology | (3) IEEE Internet of Things Journal |
| (3) Human-centric Computing and I... | (2) Computing |
| (2) Soft Computing | (2) 15TH INTERNATIONAL SYMPOSIU... |
| (2) International Conference on Co... | (2) Sensors |
| (2) NETWORKING COMMUNICATION ... | (2) International Journal of Environm... |
| (2) Frontiers in Public Health | (2) Frontiers in Medicine |
| (1) Mobile Networks and Applications | (1) Journal of Medical Systems |
| (1) Journal of Medical and Biological... | (1) International Journal of Ad Hoc a... |
| (1) International Conference on Gre... | (1) Computing and Informatics |
| (1) Journal of Network and Compute... | (1) Journal of Ambient Intelligence a... |
| (1) IEEE Systems Journal | (1) Computers in Human Behavior |
| (1) International Journal of Distribut... | (1) Journal of Parallel and Distribute... |
| (1) Proceedings - Conference on Tec... | (1) Journal of the Chinese Institute o... |
| (1) Proceedings - International Conf... | (1) Journal of Clinical Medicine |
| (1) Annals of Plastic Surgery | (1) Multimedia Tools and Applications |
| (1) Computer Methods and Program... | (1) IET Signal Processing |
| (1) Journal of Hazardous Materials | (1) Sustainability |

(1) The Journal of Clinical Endocrinolo...	(1) Diagnostics
(1) Neural Computing and Applicati...	(1) Medicine
(1) Bioresource Technology	(1) EClinicalMedicine
(1) BMC Rheumatology	

Publications

For manuscripts published from date range January 2017 - October 2023 (94) Times Cited
(All time)

On Construction of Precise Positioning System via IEEE 802.11ax
 Authors (6): Tsung, Chen-Kun; Yang, Chao-Tung ... Hsu, Ming-Shang
 Published: Jul 2023 in IEEE Internet of Things Journal
 DOI: 10.1109/JIOT.2023.3254884 0

Indoor CO2 monitoring in a surgical intensive care unit under visitation
 restrictions during the COVID-19 pandemic
 Authors (8): Chou, Ying-An; Wang, Zheng-Yao ... Lai, Chao-Han
 Published: Jul 2023 in Frontiers in Medicine
 DOI: 10.3389/FMED.2023.1052452 0

Prediction of risk of ischemic heart disease in first-diagnosed systemic lupus
 erythematosus patients in taiwan: is air pollution exposure a risk factor?
 Authors (7): Chen, Pei-Yun; Tsan, Yu-Tse ... Lu, Shu-Hua
 Published: Jun 2023 in BMC Rheumatology
 DOI: 10.1186/S41927-023-00337-8 0

Maintaining Secure Level on Symmetric Encryption under Quantum Attack
 Authors (5): Shiu, Hung; Yang, Chao-Tung ... Lai, Chun-Ming
 Published: May 2023 in Applied Sciences
 DOI: 10.3390/APP13116734 0

Development and validation of an insulin resistance model for a population
 without diabetes mellitus and its clinical implication: a prospective cohort
 study
 Authors (4): Tsai, Shang-Feng; Yang, Chao-Tung ... Lee, Chia-Lin
 Published: Apr 2023 in EClinicalMedicine
 DOI: 10.1016/J.ECLINM.2023.101934 1

Implementation of an Attention Mechanism Model for Facial Beauty
 Assessment Using Transfer Learning
 Authors (6): Yang, Chao-Tung; Wang, Yu-Chieh ... Lin, Hsiu-Hsia
 Published: Apr 2023 in Diagnostics
 DOI: 10.3390/DIAGNOSTICS13071291 1

<p>Big data and machine learning driven bioprocessing-Recent trends and critical analysis</p> <p>Authors (4): Yang, Chao-Tung; Kristiani, Endah ... Chang, Jo-Shu</p> <p>Published: Mar 2023 in Bioresource Technology</p> <p>DOI: 10.1016/J.BIORTECH.2023.128625</p>	3
<p>Implementation and visualization of a netflow log data lake system for cyberattack detection using distributed deep learning</p> <p>Authors (4): Shih, Wen-Chung; Yang, Chao-Tung ... Kristiani, Endah</p> <p>Published: Mar 2023 in The Journal of Supercomputing</p> <p>DOI: 10.1007/S11227-022-04802-Y</p>	1
<p>A Data Factor Study for Machine Learning on Heterogenous Edge Computing</p> <p>Authors (4): Chang, Dong-Meau; Hsu, Tse-Chuan ... Yang, Junjie</p> <p>Published: Mar 2023 in Applied Sciences</p> <p>DOI: 10.3390/APP13063405</p>	1
<p>Flame and smoke recognition on smart edge using deep learning</p> <p>Authors (4): Kristiani, Endah; Chen, Yi-Chun ... Li, Chia-Hsin</p> <p>Published: Mar 2023 in The Journal of Supercomputing</p> <p>DOI: 10.1007/S11227-022-04884-8</p>	1
<p>Hot-Pressing Furnace Current Monitoring and Predictive Maintenance System in Aerospace Applications</p> <p>Authors (6): Chen, Hong-Ming; Zhang, Jia-Hao ... Yang, Chao-Tung</p> <p>Published: Feb 2023 in Sensors</p> <p>DOI: 10.3390/S23042230</p>	0
<p>Review of an intelligent indoor environment monitoring and management system for COVID-19 risk mitigation</p> <p>Authors (6): Wiryasaputra, Rita; Huang, Chin-Yin ... Yang, Chao-Tung</p> <p>Published: Jan 2023 in Frontiers in Public Health</p> <p>DOI: 10.3389/FPUBH.2022.1022055</p>	2
<p>An online and highly-scalable streaming platform for filtering trolls with transfer learning</p> <p>Authors (3): Lai, Chun-Ming; Chang, Ting-Wei; Yang, Chao-Tung</p> <p>Published: 2023 in The Journal of Supercomputing</p> <p>DOI: 10.1007/S11227-023-05312-1</p>	0
<p>An event-based data processing system using Kafka container cluster on Kubernetes environment</p> <p>Authors (5): Liu, Jung-Chun; Hsu, Ching-Hsien ... Yang, Chao-Tung</p> <p>Published: 2023 in Neural Computing and Applications</p> <p>DOI: 10.1007/S00521-023-08326-1</p>	2
<p>QSOFA and SOFA scores are valuable tools for predicting postoperative sepsis resulting from ureteroscopic lithotripsy (URSL)</p> <p>Authors (8): Lai, Chun-Yo; Hsiao, Po-Jen ... Huang, Chi-Ping</p> <p>Published: Dec 2022 in Medicine</p> <p>DOI: 10.1097/MD.00000000000031765</p>	0

<p>Binary and Multi-Class Assessment of Face Mask Classification on Edge AI Using CNN and Transfer Learning</p> <p>Authors (5): Kristiani, Endah; Tsan, Yu-Tse ... Yang, Chao-Tung</p> <p>Published: Nov 2022 in Human-centric Computing and Information Sciences</p> <p>DOI: 10.22967/HCIS.2022.12.053</p>	4
<p>Special Issue on Innovative Applications of Big Data and Cloud Computing</p> <p>Authors (4): Yang, Chao-Tung; Tsung, Chen-Kun ... Verma, Vinod Kumar</p> <p>Published: Oct 2022 in Applied Sciences</p> <p>DOI: 10.3390/APP12199648</p>	0
<p>Image segmentation using transfer learning and Fast R-CNN for diabetic foot wound treatments</p> <p>Authors (7): Huang, Huang-Nan; Zhang, Tianyi ... Tseng, Meng-Wen</p> <p>Published: Sep 2022 in Frontiers in Public Health</p> <p>DOI: 10.3389/FPUBH.2022.969846</p>	0
<p>A model for predicting fall risks of hospitalized elderly in Taiwan-A machine learning approach based on both electronic health records and comprehensive geriatric assessment</p> <p>Authors (8): Chu, Wei-Min; Kristiani, Endah ... Tsan, Yu-Tse</p> <p>Published: Aug 2022 in Frontiers in Medicine</p> <p>DOI: 10.3389/FMED.2022.937216</p>	4
<p>Cyberattacks detection and analysis in a network log system using XGBoost with ELK stack</p> <p>Authors (5): Yang, Chao-Tung; Chan, Yu-Wei ... Lai, Cing-Han</p> <p>Published: Jun 2022 in Soft Computing</p> <p>DOI: 10.1007/S00500-022-06954-8</p>	2
<p>In the Seeking of Association between Air Pollutant and COVID-19 Confirmed Cases Using Deep Learning</p> <p>Authors (5): Tsan, Yu-Tse; Kristiani, Endah ... Yang, Chao-Tung</p> <p>Published: Jun 2022 in International Journal of Environmental Research and Public Health</p> <p>DOI: 10.3390/IJERPH19116373</p>	1
<p>On Construction of a Campus Outdoor Air and Water Quality Monitoring System Using LoRaWAN</p> <p>Authors (6): Miao, Hsin-Yuan; Yang, Chao-Tung ... Chen, Chien-Yi</p> <p>Published: May 2022 in Applied Sciences</p> <p>DOI: 10.3390/APP12105018</p>	6
<p>Short-Term Prediction of PM2.5 Using LSTM Deep Learning Methods</p> <p>Authors (6): Kristiani, Endah; Lin, Hao ... Chao-Tung Yang</p> <p>Published: Feb 2022 in Sustainability</p> <p>DOI: 10.3390/SU14042068</p>	15

<p>The Prediction of Influenza-like Illness and Respiratory Disease Using LSTM and ARIMA</p> <p>Authors (6): Tsan, Yu-Tse; Chen, Der-Yuan ... Yang, Chao-Tung</p> <p>Published: Feb 2022 in International Journal of Environmental Research and Public Health</p> <p>DOI: 10.3390/IJERPH19031858</p>	11
<p>Fake News Classification Based on Content Level Features</p> <p>Authors (5): Lai, Chun-Ming; Chen, Mei-Hua ... Yang, Chao-Tung</p> <p>Published: Feb 2022 in Applied Sciences</p> <p>DOI: 10.3390/APP12031116</p>	18
<p>Performance Analysis in HyperFlex and vSAN Hyper Convergence Platforms for Online Course Consideration</p> <p>Authors (5): Tsung, Chen-Kun; Liu, Jung-Chun ... Yang, Chao-Tung</p> <p>Published: 2022 in IEEE Access</p> <p>DOI: 10.1109/ACCESS.2022.3224435</p>	0
<p>Implementation of a Cluster-Based Heterogeneous Edge Computing System for Resource Monitoring and Performance Evaluation</p> <p>Authors (4): Chan, Yu-Wei; Fathoni, Halim ... Yang, Chao-Tung</p> <p>Published: 2022 in IEEE Access</p> <p>DOI: 10.1109/ACCESS.2022.3166154</p>	1
<p>A system for quantifying facial symmetry from 3D contour maps based on transfer learning and fast R-CNN</p> <p>Authors (7): Lin, Hsiu-Hsia; Zhang, Tianyi ... Kuang, Shih-Ku</p> <p>Published: 2022 in The Journal of Supercomputing</p> <p>DOI: 10.1007/S11227-022-04502-7</p>	0
<p>Implementation and evaluation of a container management platform on Docker: Hadoop deployment as an example</p> <p>Authors (4): Shih, Wen-Chung; Yang, Chao-Tung ... Chiang, Chun-, I</p> <p>Published: Dec 2021 in Cluster Computing</p> <p>DOI: 10.1007/S10586-021-03337-W</p>	5
<p>Current advances and future challenges of AIoT applications in particulate matters (PM) monitoring and control</p> <p>Authors (6): Yang, Chao-Tung; Chen, Ho-Wen ... Chang, Jo-Shu</p> <p>Published: Oct 2021 in Journal of Hazardous Materials</p> <p>DOI: 10.1016/J.JHAZMAT.2021.126442</p>	16
<p>FTO Obesity Variant Exercise Interaction on Changes in Body Weight and BMI: The Taiwan Biobank Study</p> <p>Authors (5): Hiraike, Yuta; Yang, Chao-Tung ... Lee, Chia-Lin</p> <p>Published: Sep 2021 in The Journal of Clinical Endocrinology & Metabolism</p> <p>DOI: 10.1210/CLINEM/DGAB295</p>	3

<p>Tool wear prediction using convolutional bidirectional LSTM networks Authors (6): Chan, Yu-Wei; Kang, Tsan-Ching ... Tsai, Yin-Te Published: Jun 2021 in The Journal of Supercomputing DOI: 10.1007/S11227-021-03903-4</p>	14
<p>Using deep ensemble for influenza-like illness consultation rate prediction Authors (6): Kristiani, Endah; Chen, Yuan-An ... Chan, Wei-Cheng Published: Apr 2021 in Future Generation Computer Systems DOI: 10.1016/J.FUTURE.2020.12.004</p>	8
<p>Cyberattack detection model using deep learning in a network log system with data visualization Authors (5): Liu, Jung-Chun; Yang, Chao-Tung ... Jiang, Wei-Je Published: Mar 2021 in The Journal of Supercomputing DOI: 10.1007/S11227-021-03715-6</p>	7
<p>Automatic Assessment of 3-Dimensional Facial Soft Tissue Symmetry Before and After Orthognathic Surgery Using a Machine Learning Model A Preliminary Experience Authors (5): Lo, Lun-Jou; Yang, Chao-Tung ... Lin, Hsiu-Hsia Published: Mar 2021 in Annals of Plastic Surgery DOI: 10.1097/SAP.0000000000002687</p>	11
<p>On construction of transfer learning for facial symmetry assessment before and after orthognathic surgery Authors (6): Lin, Hsiu-Hsia; Chiang, Wen-Chung ... Lo, Lun-Jou Published: Mar 2021 in Computer Methods and Programs in Biomedicine DOI: 10.1016/J.CMPB.2021.105928</p>	14
<p>Performance benchmarking of deep learning framework on Intel Xeon Phi Authors (5): Yang, Chao-Tung; Liu, Jung-Chun ... Kuo, Chan-Fu Published: Mar 2021 in The Journal of Supercomputing DOI: 10.1007/S11227-020-03362-3</p>	3
<p>High-SNR steganography for digital audio signal in the wavelet domain Authors (3): Chen, Shuo-Tsung; Huang, Tsai-Wei; Yang, Chao-Tung Published: Mar 2021 in Multimedia Tools and Applications DOI: 10.1007/S11042-020-09980-6</p>	3
<p>Performance Evaluation of the vSAN Application: A Case Study on the 3D and AI Virtual Application Cloud Service Authors (5): Tsung, Chen-Kun; Yang, Chao-Tung ... Ou, Jean-Huei Published: Feb 2021 in Human-centric Computing and Information Sciences DOI: 10.22967/HGIS.2021.11.009</p>	4
<p>On Construction of Sensors, Edge, and Cloud (iSEC) Framework for Smart System Integration and Applications Authors (5): Kristiani, Endah; Yang, Chao-Tung ... Fathoni, Halim Published: Jan 2021 in IEEE Internet of Things Journal DOI: 10.1109/JIOT.2020.3004244</p>	23

<p>Special Issue on "Journal of Internet Technology for TANET 2017"</p> <p>Authors (1): Yang, Chao-Tung</p> <p>Published: 2021 in Journal of Internet Technology</p>	0
<p>PM2.5 Forecasting Model Using a Combination of Deep Learning and Statistical Feature Selection</p> <p>Authors (6): Kristiani, Endah; Kuo, Ting-Yu ... Nguyen, Kieu Lan Phuong</p> <p>Published: 2021 in IEEE Access</p> <p>DOI: 10.1109/ACCESS.2021.3077574</p>	9
<p>Digital audio signal watermarking using minimum-energy scaling optimisation in the wavelet domain</p> <p>Authors (5): Hsu, Chih-Yu; Tu, Shu-Yi ... Chen, Shuo-Tsung</p> <p>Published: Dec 2020 in IET Signal Processing</p> <p>DOI: 10.1049/IET-SPR.2020.0220</p>	2
<p>Influenza-like illness prediction using a long short-term memory deep learning model with multiple open data sources</p> <p>Authors (7): Yang, Chao-Tung; Chen, Yuan-An ... Liu, Po-Yu</p> <p>Published: Dec 2020 in The Journal of Supercomputing</p> <p>DOI: 10.1007/S11227-020-03182-5</p>	20
<p>The implementation of data storage and analytics platform for big data lake of electricity usage with spark</p> <p>Authors (4): Yang, Chao-Tung; Chen, Tzu-Yang ... Wu, Shyhtsun Felix</p> <p>Published: Nov 2020 in The Journal of Supercomputing</p> <p>DOI: 10.1007/S11227-020-03505-6</p>	9
<p>Air quality monitoring and analysis with dynamic training using deep learning</p> <p>Authors (6): Kristiani, Endah; Lee, Ching-Fang ... Chan, Wei-Cheng</p> <p>Published: Nov 2020 in The Journal of Supercomputing</p> <p>DOI: 10.1007/S11227-020-03492-8</p>	2
<p>On construction of a network log management system using ELK Stack with Ceph</p> <p>Authors (6): Yang, Chao-Tung; Kristiani, Endah ... Jiang, Wei-Je</p> <p>Published: Aug 2020 in The Journal of Supercomputing</p> <p>DOI: 10.1007/S11227-019-02853-2</p>	5
<p>The Implementation of a Cloud-Edge Computing Architecture Using OpenStack and Kubernetes for Air Quality Monitoring Application</p> <p>Authors (5): Kristiani, Endah; Yang, Chao-Tung ... Ko, Po-Cheng</p> <p>Published: Jul 2020 in Mobile Networks and Applications</p> <p>DOI: 10.1007/S11036-020-01620-5</p>	22
<p>Visualizing Potential Transportation Demand From ETC Log Analysis Using ELK Stack</p> <p>Authors (3): Tsung, Chen-Kun; Yang, Chao-Tung; Yang, Shun-Wen</p> <p>Published: Jul 2020 in IEEE Internet of Things Journal</p> <p>DOI: 10.1109/JIOT.2020.2974671</p>	12

<p>On construction of the air pollution monitoring service with a hybrid database converter</p> <p>Authors (5): Yang, Chao-Tung; Chen, Shuo-Tsung ... Yen, Neil Y.</p> <p>Published: Jun 2020 in Soft Computing</p> <p>DOI: 10.1007/S00500-019-04079-Z</p>	6
<p>Implementation of an energy saving cloud infrastructure with virtual machine power usage monitoring and live migration on OpenStack</p> <p>Authors (2): Yang, Chao-Tung; Wan, Tsung-Yueh</p> <p>Published: Jun 2020 in Computing</p> <p>DOI: 10.1007/S00607-020-00808-7</p>	10
<p>On construction of an energy monitoring service using big data technology for the smart campus</p> <p>Authors (5): Yang, Chao-Tung; Chen, Shuo-Tsung ... Chang, Ching-Lung</p> <p>Published: Mar 2020 in Cluster Computing</p> <p>DOI: 10.1007/S10586-019-02921-5</p>	30
<p>On Construction and Performance Evaluation of a Virtual Desktop Infrastructure With GPU Accelerated</p> <p>Authors (5): Chang, Chih-Hung; Yang, Chao-Tung ... Kuo, Chia-Chen</p> <p>Published: 2020 in IEEE Access</p> <p>DOI: 10.1109/ACCESS.2020.3023924</p>	7
<p>PM2.5 Forecasting Using LSTM Sequence to Sequence Model in Taichung City</p> <p>Authors (5): Kristiani, Endah; Yang, Chao-Tung ... Kieu Lan Phuong Nguyen</p> <p>Published: 2020 in Lecture Notes in Electrical Engineering</p> <p>DOI: 10.1007/978-981-15-1465-4_49</p>	2
<p>Implementation of a Respiratory Disease Forecasting Model Using LSTM for Central Taiwan</p> <p>Authors (4): Kieu Lan Phuong Nguyen; Chen, Ho-Wen ... Kristiani, Endah</p> <p>Published: 2020 in Lecture Notes in Electrical Engineering</p> <p>DOI: 10.1007/978-981-15-1465-4_44</p>	0
<p>An implementation of cloud-based platform with R packages for spatiotemporal analysis of air pollution</p> <p>Authors (4): Yang, Chao-Tung; Chan, Yu-Wei ... Lou, Ben-Shen</p> <p>Published: 2020 in The Journal of Supercomputing</p> <p>DOI: 10.1007/S11227-017-2189-1</p>	9
<p>NetFlow Monitoring and Cyberattack Detection Using Deep Learning With Ceph</p> <p>Authors (6): Yang, Chao-Tung; Liu, Jung-Chun ... Pau, Giovanni</p> <p>Published: 2020 in IEEE Access</p> <p>DOI: 10.1109/ACCESS.2019.2963716</p>	12

<p>iSEC: An Optimized Deep Learning Model for Image Classification on Edge Computing</p> <p>Authors (3): Kristiani, Endah; Yang, Chao-Tung; Huang, Chin-Yin</p> <p>Published: 2020 in IEEE Access</p> <p>DOI: 10.1109/ACCESS.2020.2971566</p>	25
<p>Mode Selection and Spectrum Allocation in Coexisting D2D and Cellular Networks with Cooperative Precoding</p> <p>Authors (3): Chan, Yu-Wei; Chien, Feng-Tsun; Yang, Chao-Tung</p> <p>Published: Dec 2019 in Sensors</p> <p>DOI: 10.3390/S19245417</p>	1
<p>Decision Support for the Optimization of Provider Staffing for Hospital Emergency Departments with a Queue-Based Approach</p> <p>Authors (6): Jiang, Fuu-Cheng; Shih, Cheng-Min ... Lee, Cheng-Hung</p> <p>Published: Dec 2019 in Journal of Clinical Medicine</p> <p>DOI: 10.3390/JCM8122154</p>	2
<p>On construction of a big data warehouse accessing platform for campus power usages</p> <p>Authors (4): Chang, Chih-Hung; Jiang, Fuu-Cheng ... Chou, Sheng-Cang</p> <p>Published: Nov 2019 in Journal of Parallel and Distributed Computing</p> <p>DOI: 10.1016/J.JPDC.2019.05.011</p>	6
<p>Implementation of an Intelligent Indoor Environmental Monitoring and management system in cloud</p> <p>Authors (5): Yang, Chao-Tung; Chen, Shuo-Tsung ... Kristiani, Endah</p> <p>Published: Jul 2019 in Future Generation Computer Systems</p> <p>DOI: 10.1016/J.FUTURE.2018.02.041</p>	59
<p>On construction of a cloud storage system with heterogeneous software-defined storage technologies</p> <p>Authors (4): Yang, Chao-Tung; Chen, Shuo-Tsung ... Shen, Yu-Chuan</p> <p>Published: Apr 2019 in Human-centric Computing and Information Sciences</p> <p>DOI: 10.1186/S13673-019-0173-X</p>	1
<p>Implementation of a real-time network traffic monitoring service with network functions virtualization</p> <p>Authors (6): Yang, Chao-Tung; Chen, Shuo-Tsung ... Ranjan, Rajiv</p> <p>Published: Apr 2019 in Future Generation Computer Systems</p> <p>DOI: 10.1016/J.FUTURE.2018.08.050</p>	17
<p>An energy-efficient cloud system with novel dynamic resource allocation methods</p> <p>Authors (6): Yang, Chao-Tung; Chen, Shuo-Tsung ... Verma, Vinod Kumar</p> <p>Published: Mar 2019 in The Journal of Supercomputing</p> <p>DOI: 10.1007/S11227-019-02794-W</p>	9

<p>On Construction of a Caffe Deep Learning Framework based on Intel Xeon Phi Authors (5): Yang, Chao-Tung; Liu, Jung-Chun ... Kuo, Chan-Fu Published: 2019 in NETWORKING COMMUNICATION AND DATA KNOWLEDGE ENGINEERING, VOL 1 DOI: 10.1007/978-3-030-02607-3_9</p>	0
<p>The Implementation of a Real-time Monitoring and Prediction System of PM2.5 and Influenza-Like Illness Using Deep Learning Authors (5): Yang, Chao-Tung; Lin, Lung-Ying ... Chan, Wei-Cheng Published: 2019 in Journal of Internet Technology DOI: 10.3966/160792642019122007020</p>	2
<p>A predictive load balancing technique for software defined networked cloud services Authors (6): Yang, Chao-Tung; Chen, Shuo-Tsung ... Ranjan, Rajiv Published: 2019 in Computing DOI: 10.1007/S00607-018-0665-Y</p>	12
<p>Implementation of an Edge Computing Architecture Using OpenStack and Kubernetes Authors (4): Kristiani, Endah; Yang, Chao-Tung ... Huang, Chin-Yin Published: 2019 in Lecture Notes in Electrical Engineering DOI: 10.1007/978-981-13-1056-0_66</p>	9
<p>Next-generation Internet of things and cloud security solutions Authors (4): Verma, Vinod Kumar; Ntalianis, Klimis ... Yang, Chao-Tung Published: 2019 in International Journal of Distributed Sensor Networks DOI: 10.1177/1550147719835098</p>	5
<p>Implementation of an Environmental Quality and Harmful Gases Monitoring System in Cloud Authors (5): Yang, Chao-Tung; Chen, Shuo-Tsung ... Wu, Chia-Cheng Published: 2019 in Journal of Medical and Biological Engineering DOI: 10.1007/S40846-018-0383-0</p>	5
<p>A Heterogeneous Cloud Storage Platform With Uniform Data Distribution by Software-Defined Storage Technologies Published: 2019 in IEEE Access DOI: 10.1109/ACCESS.2019.2946962</p>	<div style="border: 1px solid black; background-color: #444; color: white; padding: 5px; text-align: center; width: fit-content; margin: auto;"> Not indexed in the Web of Science </div>
<p>An implementation of real-time air quality and influenza-like illness data storage and processing platform Authors (6): Yang, Chao-Tung; Chen, Cai-Jin ... Chan, Wei-Chen Published: 2019 in Computers in Human Behavior DOI: 10.1016/J.CHB.2018.10.009</p>	14

<p>The Implementation of a Hadoop Ecosystem Portal with Virtualization Deployment Authors (7): Yang, Chao-Tung; Wu, Chien-Heng ... Chiang, Yuan-Ping Published: 2019 in NETWORKING COMMUNICATION AND DATA KNOWLEDGE ENGINEERING, VOL 1 DOI: 10.1007/978-3-030-02607-3_11</p>	0
<p>An Implementation of Scalable High Throughput Data Platform for Logging Semiconductor Testing Results Authors (3): Tsung, Chen-Kun; Hsieh, Hsiang-Yi; Yang, Chao-Tung Published: 2019 in IEEE Access DOI: 10.1109/ACCESS.2019.2901115</p>	6
<p>The Implementation of a Virtual Desktop Infrastructure with GPU Accelerated on OpenStack Authors (6): Yang, Chao-Tung; Liu, Jung-Chun ... Kuo, Chia-Chen Published: Oct 2018 in 15TH INTERNATIONAL SYMPOSIUM ON PERVASIVE SYSTEMS, ALGORITHMS AND NETWORKS (I-SPAN) DOI: 10.1109/I-SPAN.2018.00069</p>	1
<p>On construction of a virtual GPU cluster with InfiniBand and 10Gb Ethernet virtualization Authors (5): Yang, Chao-Tung; Chen, Shuo-Tsung ... Chan, Yu-Wei Published: Jul 2018 in The Journal of Supercomputing DOI: 10.1007/S11227-018-2484-5</p>	2
<p>Associations of PM2.5 and aspergillosis: ambient fine particulate air pollution and population-based big data linkage analyses Authors (7): Po-Yu Liu; Yu-Tse Tsan ... Ben-Shen Lou Published: May 2018 in Journal of Ambient Intelligence and Humanized Computing DOI: 10.1007/S12652-018-0852-X</p>	<div style="background-color: #444; color: white; padding: 5px; text-align: center;"> Not indexed in the Web of Science </div>
<p>Interference-Aware Mode Selection for New Arriving Devices in D2D Communications Authors (5): Hu, Chia-Wei; Chien, Feng-Tsun ... Min, Geyong Published: 2018 in 15TH INTERNATIONAL SYMPOSIUM ON PERVASIVE SYSTEMS, ALGORITHMS AND NETWORKS (I-SPAN) DOI: 10.1109/I-SPAN.2018.00067</p>	1
<p>The Implementation of a Data-Accessing Platform Built from Big Data Warehouse of Electric Loads Published: 2018 in International Conference on Computers, Software and Applications (COMPSAC) DOI: 10.1109/COMPSAC.2018.10208</p>	<div style="background-color: #444; color: white; padding: 5px; text-align: center;"> Not indexed in the Web of Science </div>
<p>The Integration of Shared Storages with the CephFS and Rados Gateway for Big Data Accessing Published: 2018 in International Conference on Computers, Software and Applications (COMPSAC) DOI: 10.1109/COMPSAC.2018.10209</p>	<div style="background-color: #444; color: white; padding: 5px; text-align: center;"> Not indexed in the Web of Science </div>

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Improvement of workload balancing using parallel loop self-scheduling on
Intel Xeon Phi

Authors (3): Yang, Chao-Tung; Huang, Chao-Wei; Chen, Shuo-Tsung

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DOI: 10.1007/S11227-017-2068-9

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The Implementation of a GPU-Accelerated Virtual Desktop Infrastructure
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Implementation of a virtual switch monitoring system using OpenFlow on
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Authors (5): Yang, Chao-Tung; Liu, Jung-Chun ... Chu, William Cheng-Chung

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Authors (4): Yang, Chao-Tung; Liu, Jung-Chun ... Lu, Hsin-Wen

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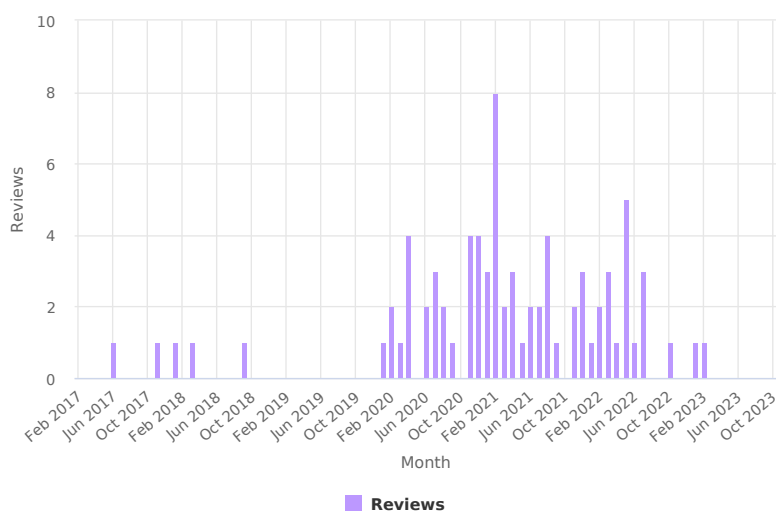
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Authors (6): Liu, Jung-Chun; Huang, Yi-Li ... Chu, William Cheng-Chung
Published: 2017 in Computing and Informatics
DOI: 10.4149/CAI_2017_1_169

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Verified Reviews

Review Summary



Reviewer Summary

For manuscripts reviewed from date range January 2017 - October 2023

(20) Journal of Ambient Intelligence ...	(10) IEEE Access
(6) Neural Computing and Applicati...	(3) IEEE Internet of Things Journal
(3) IEEE Transactions on Sustainable...	(3) The Journal of Supercomputing
(3) Cluster Computing	(3) Wireless Networks
(3) IEEE Transactions on Reliability	(2) IEEE Design & Test
(2) Sensors	(2) Drones
(2) Concurrency and Computation: ...	(2) Mathematics
(2) Atmosphere	(1) International Journal of Network ...
(1) The Imaging Science Journal	(1) IEEE Systems Journal
(1) Applied Sciences	(1) Digital Health
(1) International Journal of Environ...	(1) Medical & Biological Engineering...
(1) IEEE Sensors Journal	(1) Software: Practice and Experience
(1) Energy Efficiency	(1) Electronics
(1) Mobile Networks and Applications	(1) Visual Computing for Industry, Bi...

79 REVIEWS OF 72 MANUSCRIPTS

For manuscripts published from date range January 2017 - October 2023

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Reviewed: Feb 2023 for International Journal of Network Management

-
Reviewed: Jan 2023 for The Imaging Science Journal

-
Reviewed: Oct 2022 for Neural Computing and Applications

-
Reviewed: Jul 2022 for IEEE Sensors Journal

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Reviewed: Jul 2022 for Medical & Biological Engineering & Computing

-
Reviewed: Jul 2022 for Neural Computing and Applications

-
Reviewed: Jun 2022 for Sensors

-
2 rounds from May 2022 to May 2022 for Drones

-
Reviewed: May 2022 for Software: Practice and Experience

-
Reviewed: May 2022 for The Journal of Supercomputing

-
Reviewed: May 2022 for Journal of Ambient Intelligence and Humanized Computing

-
Reviewed: Apr 2022 for Concurrency and Computation: Practice and Experience

-
2 rounds from Feb 2022 to Mar 2022 for Mathematics

-
Reviewed: Mar 2022 for Cluster Computing

-
Reviewed: Mar 2022 for Wireless Networks

-
2 rounds from Jan 2022 to Feb 2022 for Atmosphere

-
Reviewed: Dec 2021 for Journal of Ambient Intelligence and Humanized Computing

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Reviewed: Dec 2021 for Wireless Networks

-
Reviewed: Dec 2021 for International Journal of Environmental Science and Technology

-
Reviewed: Nov 2021 for Digital Health

-
Reviewed: Nov 2021 for Neural Computing and Applications

-
Reviewed: Sep 2021 for Journal of Ambient Intelligence and Humanized Computing

-
Reviewed: Aug 2021 for Sensors

-
2 rounds from May 2021 to Aug 2021 for IEEE Transactions on Reliability

-
Reviewed: Aug 2021 for Journal of Ambient Intelligence and Humanized Computing

-
Reviewed: Aug 2021 for Neural Computing and Applications

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Reviewed: Jul 2021 for The Journal of Supercomputing

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Reviewed: Jul 2021 for Neural Computing and Applications

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Reviewed: Jun 2021 for Electronics

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Reviewed: Jun 2021 for Energy Efficiency

-
Reviewed: Apr 2021 for IEEE Access

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Reviewed: Apr 2021 for Neural Computing and Applications

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Reviewed: Apr 2021 for Journal of Ambient Intelligence and Humanized Computing

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Reviewed: Mar 2021 for Wireless Networks

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Reviewed: Mar 2021 for Journal of Ambient Intelligence and Humanized Computing

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2 rounds from Nov 2020 to Feb 2021 for IEEE Internet of Things Journal

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Reviewed: Feb 2021 for Journal of Ambient Intelligence and Humanized Computing

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Reviewed: Feb 2021 for Journal of Ambient Intelligence and Humanized Computing

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Reviewed: Feb 2021 for Journal of Ambient Intelligence and Humanized Computing

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Reviewed: Feb 2021 for Journal of Ambient Intelligence and Humanized Computing

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Reviewed: Feb 2021 for Journal of Ambient Intelligence and Humanized Computing

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Reviewed: Feb 2021 for Mobile Networks and Applications

-
Reviewed: Feb 2021 for Visual Computing for Industry, Biomedicine, and Art

-
2 rounds from Jul 2020 to Jan 2021 for IEEE Design & Test

-
Reviewed: Jan 2021 for IEEE Transactions on Reliability

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Reviewed: Jan 2021 for Journal of Ambient Intelligence and Humanized Computing

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Reviewed: Dec 2020 for Journal of Ambient Intelligence and Humanized Computing

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Reviewed: Dec 2020 for Journal of Ambient Intelligence and Humanized Computing

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Reviewed: Dec 2020 for Journal of Ambient Intelligence and Humanized Computing

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Reviewed: Dec 2020 for Journal of Ambient Intelligence and Humanized Computing

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Reviewed: Nov 2020 for Applied Sciences

-
2 rounds from Jul 2020 to Nov 2020 for IEEE Transactions on Sustainable Computing

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Reviewed: Nov 2020 for Journal of Ambient Intelligence and Humanized Computing

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Reviewed: Sep 2020 for IEEE Systems Journal

-
Reviewed: Aug 2020 for Journal of Ambient Intelligence and Humanized Computing

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Reviewed: Aug 2020 for Journal of Ambient Intelligence and Humanized Computing

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Reviewed: Jul 2020 for IEEE Transactions on Sustainable Computing

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Reviewed: Jun 2020 for IEEE Access

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Reviewed: Jun 2020 for Journal of Ambient Intelligence and Humanized Computing

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Reviewed: Apr 2020 for IEEE Access

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Reviewed: Apr 2020 for IEEE Access

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Reviewed: Apr 2020 for IEEE Access

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Reviewed: Apr 2020 for IEEE Access

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Reviewed: Mar 2020 for Concurrency and Computation: Practice and Experience

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Reviewed: Feb 2020 for IEEE Access

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Reviewed: Feb 2020 for IEEE Access

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Reviewed: Jan 2020 for IEEE Internet of Things Journal

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Reviewed: Sep 2018 for The Journal of Supercomputing

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Reviewed: Mar 2018 for Cluster Computing

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Reviewed: Jan 2018 for IEEE Access

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Reviewed: Nov 2017 for Cluster Computing

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Reviewed: Jun 2017 for IEEE Access
