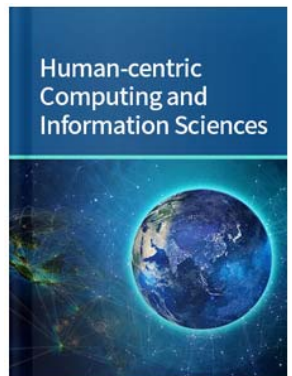


**HCIS Journal (2022 Edition)
(Call for Papers & Published Papers)**

Human-centric Computing and Information Sciences (HCIS)
ISSN: 2192-1962, Editor-in-Chief: Jong Hyuk Park
"Impact Factor: 6.6, (JCR-Q1 ranked)"
<http://hcisj.com/>

Important Notice

We are happy to share the exciting news that Human-centric Computing and Information Sciences (HCIS) received an official Impact Factor of 6.6, ranking 26/158 (Q1) in the category "COMPUTER SCIENCES, INFORMATION SYSTEMS", which was released in the 2023 Journal Citation Reports® (Clarivate Analytics, 2022).

**1. Call for Papers**

- **Special Issues (Opening)**

Special Issue on**Next-Generation Computing Technologies and Applications**

Important Dates & Lead Guest Editor

Submission deadline: 30 June 2024

Guest Editors: Dr. Hyun-Soo Choi, Dr. Luong Vuong Nguyen, Dr. Laihyuk Park, Dr. Pradip Kumar Sharma, Dr. Changhoon Lee, Dr. Neil Yuwen Yen, Dr. Jong Hyuk Park

CFP Link:

http://hcisj.com/issues/issue_view.php?wr_id=25

- **Regular Issues (Opening)**

Aims and Scope

Human-centric Computing and Information Sciences (HCIS) publishes outstanding research papers which cover the various theories and practical applications related to human-centric computing and information sciences. The papers that we publish present results of significant value in relation to the need to solve various problems with application services and other problems falling within the scope of HCIS. Furthermore, we expect that they will trigger further related research and technological improvements relevant to our future lives.

Topics

Human-centric Computing and Information Sciences is related to the continuous evolution and convergence of information technologies, including the following:

-
- Human-computer Interaction and the Multimodal
 - Internet of Things and Sensors

- Cloud, Edge and Fog Computing
- Social Computing and Intelligence
- Computer-assisted Learning and Cognition
- Blockchain and Data Mining
- Privacy, Security and Cryptography
- AI and Big Data Analytics for HCIS
- Ambient Intelligence
- Cyber-physical Systems and Smart Devices
- Mobile Computing and Wireless Communications
- Smart city - applications and services
- Quantum information technology (application and services)
- Metaverse applications and services
- HCIS Services, Applications, and Implementations

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You can find the details on the following HCIS website.

http://hcisj.com/about/editorial_board.php

2. Published Papers (2024)

- Article Title: Provable Lightweight Hybrid Proxy Re-encryption Scheme without Pairings for Internet of Things

Authors: Eman Abouelkheir^{1,2,*} and Shamia El-sherbiny²

Publication Title: Human-centric Computing and Information Sciences 2024 14:34

Research Published on: 15 June 2024

<https://doi.org/10.22967/HCIS.2024.14.034>

- Article Title: Key Management-Based Data Aggregation Secured with Privacy and Confidentiality-Preserving Scheme for Fog-Assisted WBANs

Authors: Jegadeesan Subramani¹, Azees Maria^{2,*}, Arun Sekar Rajasekaran³, Fadi Al-Turjman^{4,5}, Manjur Kolhar⁶, and Chadi Altrjman^{5,7}

Publication Title: Human-centric Computing and Information Sciences 2024 14:33

Research Published on: 15 June 2024

<https://doi.org/10.22967/HCIS.2024.14.033>

- Article Title: Applying Knowledge Elicitation and Active Learning to Predict the Green Space Cooling Effect

Authors: Yansu Qi^{1,2}, Zitong Liu³, Guoqing Ni³, Weijun Gao^{2,4}, and Sheng Miao^{3,4,*}

Publication Title: Human-centric Computing and Information Sciences 2024 14:32

Research Published on: 15 June 2024

<https://doi.org/10.22967/HCIS.2024.14.032>

- Article Title: Text Coverless Information Hiding Based on BERT Entity Recognition

Lin Xiang, Jiaohua Qin^{*}, Xuyu Xiang, and Yun Tan

Publication Title: Human-centric Computing and Information Sciences 2024 14:31

Research Published on: 30 May 2024

<https://doi.org/10.22967/HCIS.2024.14.031>

- Article Title: Computational Affective Knowledge Representation for Agents Located in a Multicultural Environment

Authors: Joaquin Taverner^{1,*}, Andreas Brännström², Dalila Durães³, Emilio Vivancos¹, Paulo Novais³, Juan Carlos Nieves², and Vicente Botti¹

Publication Title: Human-centric Computing and Information Sciences 2024 14:30

Research Published on: 30 May 2024

<https://doi.org/10.22967/HCIS.2024.14.030>

- Article Title: Dependent Nearest Neighbor Powered TWSVM for Cancer Recurrence Prediction Based on Internet of Medical Things

Authors: Wei Zhang^{1,2}, Zezhong Ma^{1,2}, Tianhao Ji³, Aimin Yang^{1,2,4,5,6,*}, Pengfei Ma^{1,2}, Lijing Wang^{4,7}, Lei Yang^{4,7}, Dianbo Hua⁸, and Yang Han^{1,4,5,6}

Publication Title: Human-centric Computing and Information Sciences 2024 14:29

Research Published on: 30 May 2024

<https://doi.org/10.22967/HCIS.2024.14.029>

- Article Title: Federated Learning-Enabled Zero-Day DDoS Attack Detection Scheme in Healthcare 4.0

Authors: Mikail Mohammed Salim¹, Yoixay Sangthong¹, Xianjun Deng², and Jong Hyuk Park^{1,*}

Publication Title: Human-centric Computing and Information Sciences 2024 14:28

Research Published on: 15 May 2024

<https://doi.org/10.22967/HCIS.2024.14.028>

- Article Title: Wireless Device Identification Based on Transfer Learning

Authors: Chi-Yuan Chen^{*} and Li-Hsien Lin

Publication Title: Human-centric Computing and Information Sciences 2024 14:27

Research Published on: 15 May 2024

<https://doi.org/10.22967/HCIS.2024.14.027>

- Article Title: A Two-Step Channel Mask Method for Data Augmentation in Contrastive Learning-Based Human Activity Recognition

Authors: Qi Xie¹, Tao Zhu^{1,*}, Jinqiang Wang¹, Liming Luke Chen², Chao Liu³, and Yaping Wan¹

Publication Title: Human-centric Computing and Information Sciences 2024 14:26

Research Published on: 15 May 2024

<https://doi.org/10.22967/HCIS.2024.14.026>

- Article Title: Dynamic Logical Resource Reconstruction against Straggler Problem in Edge Federated Learning

Authors: Kaiju Li¹, Hao Wang^{2,3}, Xuejiao Mu^{2,3}, Xian Chen⁴, and Hyoseop Shin^{5,*}

Publication Title: Human-centric Computing and Information Sciences 2024 14:25

Research Published on: 30 April 2024

<https://doi.org/10.22967/HCIS.2024.14.025>

- Article Title: Enhancement of the IEEE 802.11 Medium Access Control Protocol with the Channel Usage Based Backoff Algorithm for Wireless Ad Hoc Networks

Authors: Noor Mast¹, Shafiullah Khan¹, Faten Khalid Karim², M. Irfan Uddin¹, Sameer Alshetewi³, Sara Ghorashi², Muhammad Altaf khan¹, and Samih M. Mostafa^{4,5,*}

Publication Title: Human-centric Computing and Information Sciences 2024 14:24

Research Published on: 30 April 2024

<https://doi.org/10.22967/HCIS.2024.14.024>

- Article Title: A Profit-Aware Double-Layer Edge Equipment Deployment Approach for Cloud Operators in Multi-Access Edge Computing

Authors: Xiaomin Jin^{1,2,3,*}, Junyan Hu^{1,2,3,*}, Jingbo Wang^{1,2,3}, and Shuai Zhang^{1,2,3}

Publication Title: Human-centric Computing and Information Sciences 2024 14:23

Research Published on: 30 April 2024

<https://doi.org/10.22967/HCIS.2024.14.023>

- Article Title: Wireless Power Assisted Computation Offloading in Mobile Edge Computing: A Deep Reinforcement Learning Approach

Authors: Mohammed Maray¹, Ehzaz Mustafa², and Junaid Shuja^{3,*}

Publication Title: Human-centric Computing and Information Sciences 2024 14:22

Research Published on: 15 April 2024

<https://doi.org/10.22967/HCIS.2024.14.022>

- Article Title: A Secure Editable Blockchain Consensus Mechanism for IoT-Based Crowdsensing Data Collection

Authors: Hanshu Hong, Bing Hu, and Zhixin Sun^{*}

Publication Title: Human-centric Computing and Information Sciences 2024 14:21

Research Published on: 15 April 2024

<https://doi.org/10.22967/HCIS.2024.14.021>

- Article Title: Correction: Remote Sensing Image Change Detection Based on Balanced Sampling and FCN with Attention Mechanism

Authors: Guangwei Zhao^{1,2}, Yaxin Peng¹, Yang Zhou^{3,*}, and Xiangqian Zhou²

Publication Title: Human-centric Computing and Information Sciences 2024 14:20

Research Published on: 15 April 2024

<https://doi.org/10.22967/HCIS.2024.14.020>

An Important Notice for SI Manuscript Submissions

- Please check the main idea and topic of your manuscript for the HCIS SI submission!! If they are not included in the SI main scope, the manuscript will be directly declined without a review process.
- HCIS Publishing regulation and policy.

Indexing Services

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Impact Factor: 6.6

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<https://jcr.clarivate.com/jcr-jp/journal-profile?journal=HUM-CENT%20COMPUT%20INFO&year=2022&fromPage=%2Fjcr%2Fhome>

Citation Score: 13.1 (11/233, Q1), Source Normalize: 2.116, SCImage: 1.501

<https://www.scopus.com/sourceid/21100358314?origin=resultslist#tabs=0>

Submission

=Preparing Manuscript=

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