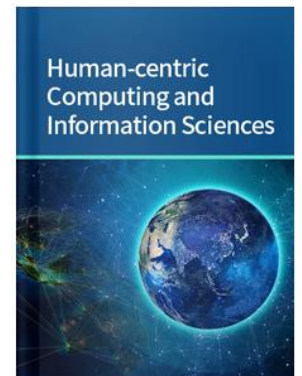


HCIS Journal (2024 Edition)
(Call for Papers & Published Papers)

Human-centric Computing and Information Sciences (HCIS)
ISSN: 2192-1962, Editor-in-Chief: Jong Hyuk Park
Impact Factor: 3.9
<http://hcsij.com/>

Human-centric Computing and Information Sciences (HCIS) received an official Impact Factor of 3.9, ranks 66/249 (JIF Top Rank 26.3%) in category "COMPUTER SCIENCES, INFORMATION SYSTEMS", which was released in the 2024 Journal Citation Reports® (Clarivate Analytics, 2023).



1. Call for Papers

- **Special Issues (Opening)**

Special Issue on

◆ **Human-centric Quantum Technology and its Applications**

Important Dates & Lead Guest Editor

- Manuscript Submission Open: 1 November, 2024
- Manuscript Submission Deadline: 31 March 2025
- Author's Revision Notification Date: 30 June 2025
- Final Decision Notification Date: 30 July 2025
- Publication Date: 2025 (pending)

Guest Editors: Prof. Neal Xiong, Prof. Marcin Woźniak, Prof. Houbing Song, Prof. WenZhan Song

CFP Link: [Human-centric Quantum Technology and its Applications](#)

◆ **Human Digital Twins (HDTs) with IoT and DL/ML**

Important Dates & Lead Guest Editor

- Manuscript Submission Open: 20th August 2024
- Manuscript Submission Deadline: 28th February 2025
- Author's Revision Notification Date: 31st March 2025
- Final Decision Notification Date: 30th June 2025
- Publication Date: 31st March 2026

Guest Editors: Hwa-Young Jeong, Сарьян Вильям Карпович, Jeongeun Byun, Jun-Hong Shen, Tamra Davis Connor

CFP Link: [Human Digital Twins \(HDTs\) with IoT and DL/ML](#)

◆ **Human-Machine Interaction Using Intelligent Internet of Things Infrastructure**

Important Dates & Lead Guest Editor

- Submissions Deadline: 30th December 2024
- First Reviews Due: 15th February 2025
- Revision Due: 15th March 2025
- Second Reviews Due/Notification: 15th April 2025
- Final Manuscript Due: 30th May 2025
- Publication Date: 30th July 2025

Guest Editors: Dr. Deepak Gupta, Dr. Sushil Kumar Singh, Dr. Yang Xiao, Dr. Utku Kose, Prof. Yu-Dong Zhang

CFP Link: [Human-Machine Interaction Using Intelligent Internet of Things Infrastructure](#)

• **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: A Route Prediction Method of Logistics Distribution Based on Historical Data Analysis
Authors: Ying Xie¹, Mohammad S. Obaidat^{2,3}, Xing Gao¹, Xinran Ning¹, and Xiong Li^{4,*}
Publication Title: Human-centric Computing and Information Sciences 2024 14:49
Research Published on: 30 August 2024
<https://doi.org/10.22967/HCIS.2024.14.049>
- Article Title: A Dynamic Feedback-Based Fuzzy Logic Approach for Fast Association over Large IEEE 802.11ah Network
Authors: Radha R, Subbulakshmi P*, and Mridhula N
Publication Title: Human-centric Computing and Information Sciences 2024 14:48
Research Published on: 30 August 2024
<https://doi.org/10.22967/HCIS.2024.14.048>
- Article Title: Deep Learning-Based 3D Multi-Object Tracking Using Multimodal Fusion in Smart Cities
Authors: Hui Li^{1,2}, Xiang Liu¹, Hong Jia³, Tariq Ahamed Ahanger⁴, Lingwei Xu^{1,2,3,*}, Zamil Alzamil⁵, and Xingwang Li^{6,*}
Publication Title: Human-centric Computing and Information Sciences 2024 14:47
Research Published on: 30 August 2024
<https://doi.org/10.22967/HCIS.2024.14.047>
- Article Title: Toward the Prevention of Privacy Threats: How Can We Persuade Our Social Network Platform Users?
Authors: Ramon Ruiz-Dolz*, Jose Alemany, Stella Heras, and Ana García-Fornes
Publication Title: Human-centric Computing and Information Sciences 2024 14:46
Research Published on: 15 August 2024
<https://doi.org/10.22967/HCIS.2024.14.046>
- Article Title: Analysis and Optimization of Sales Calls with Data Analytics
Authors: Kien Hong Nguyen¹, Wen-Chyuan Chiang², Wenyuan Zhang^{3,*}, and Neal Xiong^{4,*}
Publication Title: Human-centric Computing and Information Sciences 2024 14:45
Research Published on: 15 August 2024
<https://doi.org/10.22967/HCIS.2024.14.045>
- Article Title: Identifying Influencers Using Age-Attenuated K-Shell Decomposition on Twitter
Authors: Kyoungsoo Bok¹, Jaeyong Choi², Hwanyong Choi², Hyeonbyeong Lee², Dojin Choi³, Jongtae Lim², and Jaesoo Yoo^{2,*}
Publication Title: Human-centric Computing and Information Sciences 2024 14:44
Research Published on: 15 August 2024
<https://doi.org/10.22967/HCIS.2024.14.044>

- Article Title: PrivacyGuard: Collaborative Edge-Cloud Computing Architecture for Attribute-Preserving Face Anonymization in CCTV Networks
 Authors: Sekione Reward Jeremiah¹, Jimin Ha², Sushil Kumar Singh³, and Jong Hyuk Park^{2,*}
 Publication Title: Human-centric Computing and Information Sciences 2024 14:43
 Research Published on: 30 July 2024
<https://doi.org/10.22967/HGIS.2024.14.043>
- Article Title: Testing and Substantiation of Zero Trust Devices with Blockchain Procedures for Secured Data Transfer Approach
 Authors: Shitharth Selvarajan¹, Selvakumar Manickam^{2,*}, Hariprasath Manoharan³, Shams Ul Arfeen Laghari⁴, Mueen Uddin⁵, Maha Abdelhaq⁶, and Raed Alsaqour⁷
 Publication Title: Human-centric Computing and Information Sciences 2024 14:42
 Research Published on: 15 May 2024
<https://doi.org/10.22967/HGIS.2024.14.042>
- Article Title: PreVA: Predictive Vertical Autoscaler Using Multi Bi-GRU for Sustainable Cloud-Native Computing
 Authors: Jueun Jeon^{1,2}, Byeonghui Jeong^{1,3}, and Young-Sik Jeong^{2,*}
 Publication Title: Human-centric Computing and Information Sciences 2024 14:41
 Research Published on: 30 July 2024
<https://doi.org/10.22967/HGIS.2024.14.041>
- Article Title: The Rise of “Cyborgs” in Smart Cities: Review and Open Research Issues
 Authors: Muhammad Shafiq¹, Zhaoquan Gu^{1,2,*}, and Habib Ullah Khan^{3,*}, and Sami Bourouis⁴
 Publication Title: Human-centric Computing and Information Sciences 2024 14:40
 Research Published on: 15 July 2024
<https://doi.org/10.22967/HGIS.2024.14.040>
- Article Title: PART: Pre-trained Authorship Representation Transformer
 Authors: Javier Huertas-Tato, Alejandro Martín, and David Camacho*
 Publication Title: Human-centric Computing and Information Sciences 2024 14:39
 Research Published on: 15 July 2024
<https://doi.org/10.22967/HGIS.2024.14.039>
- Article Title: SARA: A Lightweight, Unknown-Oriented, Semi-Supervised Network Traffic Classification Approach Based on Ensemble Multiple Sub-classifiers Learning
 Authors: Jia Zhao^{1,2}, Yunan Zhai³, Yujuan Zhai⁴, and Yan Ding^{1,*}
 Publication Title: Human-centric Computing and Information Sciences 2024 14:38
 Research Published on: 15 July 2024
<https://doi.org/10.22967/HGIS.2024.14.038>
- Article Title: Fusion of Digital Twin and Blockchain for Secure and Efficient IoV Networks
 Authors: Na-Byul Ha¹ and Young-Sik Jeong^{2,*}
 Publication Title: Human-centric Computing and Information Sciences 2024 14:37
 Research Published on: 30 June 2024
<https://doi.org/10.22967/HGIS.2024.14.037>
- Article Title: Design & Analysis of a Resource Unified Description Scheme Based on Deep Reinforcement Learning
 Authors: Zekun Feng^{1,*}, Chunxue Wu¹, Rami Yared², and Naixue Xiong³

Publication Title: Human-centric Computing and Information Sciences 2024 14:36

Research Published on: 30 June 2024

<https://doi.org/10.22967/HCIS.2024.14.0360>

• Article Title: Analysis of the Reliability of Deepfake Facial Emotion Expression Synthesis

Authors: Juan-Miguel López-Gil¹, Rosa Gil², and Roberto García^{2,*}

Publication Title: Human-centric Computing and Information Sciences 2024 14:35

Research Published on: 30 June 2024

<https://doi.org/10.22967/HCIS.2024.14.035>

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