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)**

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**Special Issue on**


**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.

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**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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**Editorial Board**

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## 2. Published Papers (2024)

- Article Title: A Route Prediction Method of Logistics Distribution Based on Historical Data Analysis
Authors: Ying Xie[1], Mohammad S. Obaidat[2,3], Xing Gao[1], Xinran Ning[1], 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 Liu[1], Hong Jia[3], Tariq Ahamed Ahanger[4], Lingwei Xu[1,2,3*], Zamil Alzamil[5], 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 Zhang3,*, and Neal Xiong4,*
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 Yoo2,*
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 Jeremiah[1], Jimin Ha[2], Sushil Kumar Singh[3], 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/HCIS.2024.14.043

- Article Title: Testing and Substantiation of Zero Trust Devices with Blockchain Procedures for Secured Data Transfer Approach

Authors: Shitharth Selvarajan[1], Selvakumar Manickam[2,*], Hariprasath Manoharan[3], Shams Ul Arfeen Laghari[4], Mueen Uddin[5], Maha Abdelhaq6, and Raed Alsaqour[7]
Publication Title: Human-centric Computing and Information Sciences 2024 14:42
Research Published on: 15 May 2024

https://doi.org/10.22967/HCIS.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/HCIS.2024.14.041

- Article Title: The Rise of "Cyborgs" in Smart Cities: Review and Open Research Issues

Authors: Muhammad Shafiq[1], Zhaoquan Gu[1,2,*], and Habib Ullah Khan[3,*], and Sami Bourouis[4]
Publication Title: Human-centric Computing and Information Sciences 2024 14:40
Research Published on: 15 July 2024

https://doi.org/10.22967/HCIS.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/HCIS.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 Zhai[3], Yujuan Zhai[4], 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/HCIS.2024.14.038

- Article Title: Fusion of Digital Twin and Blockchain for Secure and Efficient IoV Networks
Authors: Na-Byul Ha[1] 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/HCIS.2024.14.037

- Article Title: Design & Analysis of a Resource Unified Description Scheme Based on Deep Reinforcement Learning
Authors: Zekun Feng[1,*], Chunxue Wu[1], Rami Yared[2], and Naixue Xiong[3]
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-Gil[1], Rosa Gil[2], 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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- HCIS Publishing regulation and policy. https://hcisj.com/#this

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**Indexing Services**
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**Submission**

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