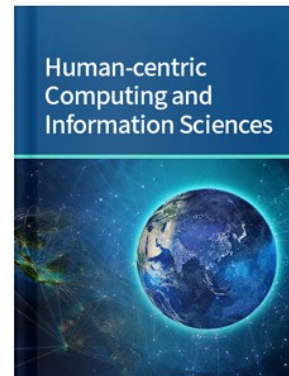

HCIS Journal (2025 Edition)
(Call for Papers & Published Papers)

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

No Special Issues Currently Open for Submission.

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

2. Published Papers (2025)

- Article Title: DRL for Energy, Latency, and Throughput Optimization in UAV-Assisted WBANs

Authors: Sekione Reward Jeremiah^{1,2}, Abir El Azzoui³, Sushil Kumar Singh⁴, and Jong Hyuk Park^{3,*}

Publication Title: Human-centric Computing and Information Sciences 2025 15:36

Research Published on: 30 June 2025

<https://doi.org/10.22967/HCIS.2025.15.036>

- Article Title: A Novel Load Balancing Mechanism Based on Deep Reinforcement Learning for Human-Centric Applications in Data Centers

Authors: Jinbin Hu¹, Wangqing Luo¹, Yi He¹, Shuying Rao¹, Fayez Alqahtani², Amr Tolba³, Min Zhu^{4,*}, and Jin Wang¹

Publication Title: Human-centric Computing and Information Sciences 2025 15:35

Research Published on: 30 June 2025

<https://doi.org/10.22967/HCIS.2025.15.033>

- Article Title: Advancing Emotional Voice Conversion: Transforming Fundamental Frequency and Mel-Cepstral Coefficients Using Cycle Consistent Adversarial Networks with Two-Step Adversarial Loss and Patch-Based Discriminators

Authors: Pablo Díaz Larraín^{1,2}, Miguel A. Patricio^{2,*}, Antonio Berlanga², and José M. Molina²

Publication Title: Human-centric Computing and Information Sciences 2025 15:34

Research Published on: 30 June 2025

<https://doi.org/10.22967/HCIS.2025.15.033>

- Article Title: Dehaze-EEGAN: Remote Sensing Image Dehazing Using a Generative Adversarial Network with Edge Enhancement

Authors: Wenshuo Yu¹, Liquan Zhao^{1,*}, and Yanfei Jia²

Publication Title: Human-centric Computing and Information Sciences 2025 15:33

Research Published on: 15 June 2025

<https://doi.org/10.22967/HCIS.2025.15.033>

- Article Title: A Review of Text-Based Information Security Rating: Fundamental Concepts, Methods, Datasets, Challenges, and Future Works

Authors: Yuna Han¹, Juno Lee¹, Jimin Lee¹, and Hangbae Chang^{2,*}

Publication Title: Human-centric Computing and Information Sciences 2025 15:32

Research Published on: 15 May 2025

<https://doi.org/10.22967/HCIS.2025.15.032>

- Article Title: Implementing Hybrid Quantum-Classical Single Shot Multibox Detector through Integration of Transfer Learning and Quantum Convolutional Neural Networks

Authors: Wenbin Yu^{1,2,3}, Gaofeng Xiang⁴, Chengjun Zhang^{4,*}, Yadang Chen⁴, and Alex X. Liu⁵

Publication Title: Human-centric Computing and Information Sciences 2025 15:31

Research Published on: 15 June 2025

<https://doi.org/10.22967/HCIS.2025.15.031>

- Article Title: Utilization of Generative AI and Natural Language Processing for the Extraction of the Voice of Customers from Online Product Reviews

Authors: Jeongeun Byun, Sumin Seo*, and Kuk Jin Bae

Publication Title: Human-centric Computing and Information Sciences 2025 15:30

Research Published on: 30 May 2025

<https://doi.org/10.22967/HCIS.2025.15.030>

- Article Title: Latent Preference-Driven Information Cascade Prediction on Complex Networks

Authors: Yuyang Liu¹, Xiaoying Li¹, Junruo Gao¹, Zefang Zhao², Junhui Wang¹, Huiling Ren¹, Xiaoli Tang¹, and Hui Liu^{1,*}

Publication Title: Human-centric Computing and Information Sciences 2025 15:29

Research Published on: 30 May 2025

<https://doi.org/10.22967/HCIS.2025.15.029>

- Article Title: Future of AI and Empowering Reinforcement Learning with Meta-Critic Networks and GAE in a Human-Centered Framework

Authors: Jun Guo^{1,2}, Xianchao Zhang^{1,2}, Musaed Alhussein³, Muhammad Tahir^{4,*}, Muhammad Shahid Anwar^{5,*}, and Khursheed Aurangzeb³

Publication Title: Human-centric Computing and Information Sciences 2025 15:28

Research Published on: 30 May 2025

<https://doi.org/10.22967/HCIS.2025.15.028>

- Article Title: RSPDT: Randomized Search Probabilistic Decision Tree Classifier for Pollution Level Prediction in Smart Cities

Authors: T. R. Mahesh¹, A. Balajee¹, D. Ramya Dorai¹, Laveena Sehgal², Surbhi Bhatia Khan^{3,4,5}, V. Vinoth Kumar⁶, and Ahlam Almusharraf⁷

Publication Title: Human-centric Computing and Information Sciences 2025 15:27

Research Published on: 15 May 2025

<https://doi.org/10.22967/HCIS.2025.15.027>

- Article Title: Dynamic Resource Management Scheme for Digital Twin on Cloud-Native Computing

Authors: Gi Tae Kim¹, Byeonghui Jeong², and Young-Sik Jeong^{2,*}

Publication Title: Human-centric Computing and Information Sciences 2025 15:26

Research Published on: 15 May 2025

<https://doi.org/10.22967/HCIS.2025.15.026>

- Article Title: An Efficient Energy-Aware Video Service for Smart Devices in Human-Centered Multimedia Systems

Authors: Jingyu Zhang^{1,2,3}, Yongtao Sun², R. Simon Sherratt⁴, Fayez Alqahtani⁵, Wael Said⁶, and Min Zhu^{7,*}

Publication Title: Human-centric Computing and Information Sciences 2025 15:25

Research Published on: 15 May 2025

<https://doi.org/10.22967/HCIS.2025.15.025>

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