

**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: 6.558, (JCR-Q1 ranked, Web of Science 2021)"**  
**<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 6.558, ranks 27/164 (Q1) in the category "COMPUTER SCIENCES, INFORMATION SYSTEMS", which was released in the 2021 Journal Citation Reports® (Clarivate Analytics, 2022).



**1. Call for Papers**

- **Special Issues (Opening)**

**Special Issue on**

**Ensuring Cognitive Computing Technologies For Futuristic Applications**

**Important Dates & Lead Guest Editor**

Submission deadline: 28 February 2023

Guest Editor: Dr. Muhammad Ibrahim, Assistant Professor, University of Haripur, Pakistan

CFP Link:

[http://hcisj.com/issues/issue\\_view.php?wr\\_id=19&type=1](http://hcisj.com/issues/issue_view.php?wr_id=19&type=1)

**Special Issue on**

**Future Trends in 6G wireless communication and Enabling Technologies**

**Important Dates & Lead Guest Editor**

Submission deadline: 31 January 2023

Guest Editor: Dr. Debabrata Samanta, Department of Computer Science, CHRIST (Deemed to be University), Bangalore, India

CFP Link:

[http://hcisj.com/issues/issue\\_view.php?wr\\_id=18&type=1](http://hcisj.com/issues/issue_view.php?wr_id=18&type=1)

**Special Issue on**

**XAI and Blockchain Assisted solutions for Sustainable Development of Information Systems**

**Important Dates & Lead Guest Editor**

Submission deadline: 31 January 2023

Guest Editor: Prof. Dr. Fadi Al-Turjman, Professor & Research Center Director Faculty of Engineering, Near East University, Turkey

CFP Link:

[http://hcisj.com/issues/issue\\_view.php?wr\\_id=17&type=1](http://hcisj.com/issues/issue_view.php?wr_id=17&type=1)

**Special Issue on**

**AI-Driven Cybersecurity Solutions for Next Generation-CPS**

**Important Dates & Lead Guest Editor**

Submission deadline: 31 December 2022

Guest Editor: Dr. Muhammad Adil, School of Engineering and Applied Sciences, University at Buffalo, USA

CFP Link:

[http://hcisj.com/issues/issue\\_view.php?wr\\_id=15&type=1](http://hcisj.com/issues/issue_view.php?wr_id=15&type=1)

**Special Issue on**

**Human-centric Social Big Data Privacy, Security and Frontier computing**

**Important Dates & Lead Guest Editor**

Submission deadline: 15 December 2022

Guest Editor: Prof. Dr. Zhiyong Zhang, Director of Henan International Joint Laboratory of Cyberspace Security Applications, Henan University of Science and Technology, China, USA

CFP Link:

[http://hcisj.com/issues/issue\\_view.php?wr\\_id=16&type=1](http://hcisj.com/issues/issue_view.php?wr_id=16&type=1)

• **Regular Issues (Opening)**

**Aims and Scope**

In Human-centric Computing and Information Sciences (HCIS), KIPS-CSWRG publishes high-quality papers that cover the various theories and practical applications related to human-centric computing and information sciences. The published papers present results of significant value to solve the various problem with application services and other problems which are within the scope of HCIS. In addition, we expect they will trigger further related research and technological improvements relevant to our future lives.

**Topics**

Human-centric Computing and Information Sciences stand for the continuously evolving and converging information technologies, including:

- Human-computer interaction and 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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You can find the details on the following HCIS website.  
[http://hcisj.com/about/editorial\\_board.php](http://hcisj.com/about/editorial_board.php)

**2. Published Papers (2022)**

- Article Title: Mapping Deep Learning Technologies for Mobile Networks with the Internet of Things  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 30 December 2022  
Authors: Chu, H. C., Chang, C. Y., & Chao, H. C.  
<https://doi.org/10.22967/HCIS.2022.12.059>

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- Article Title: Application of Deep Learning to the Production of Sub-divided Land Cover Maps  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 30 December 2022  
Authors: Seo, B., Jang, S., Bong, J., Park, K., Lee, I., & Jeong, M.  
<https://doi.org/10.22967/HCIS.2022.12.058>

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- Article Title: Predicting the Risk of Heart Failure Based on Clinical Data  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 15 December 2022  
Authors: Sandhu, J. K., Lilhore, U. K., Poongodi, M., Kaur, N., Band, S. S., Hamdi, M.,...& Mosavi, A. H.  
<https://doi.org/10.22967/HCIS.2022.12.057>

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- Article Title: A Novel Neural Calculation Model for Evaluating the Performance of Sanda Athletes  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 15 December 2022  
Authors: Huang, L., Xinao, L., & Wang, G.  
<https://doi.org/10.22967/HCIS.2022.12.056>

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- Article Title: Healthcare Ledger Management: A Blockchain and Machine Learning-Enabled Novel and Secure Architecture for Medical Industry  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 30 November 2022  
Authors: Khan, A. A., Laghari, A. A., Shafiq, M., Cheikhrouhou, O., Alhakami, W., Hamam, H., & Shaikh, Z. A.  
<https://doi.org/10.22967/HCIS.2022.12.055>

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- Article Title: Identification of Triple Negative Breast Cancer Genes Using Rough Set Based Feature Selection Algorithm & Ensemble Classifier  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 30 November 2022  
Authors: Patil, S., Balmuri, K. R., Frnda, J., Parameshachari, B. D., Konda, S. & Nedoma, J.  
<https://doi.org/10.22967/HCIS.2022.12.054>

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- Article Title: Binary and Multi-Class Assessment of Face Mask Classification on Edge AI Using CNN and Transfer Learning  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 30 November 2022  
Authors: Kristiani, E., Tsan, T. T., Liu, P. Y., Yen, N. Y., & Yang, C. T.  
<https://doi.org/10.22967/HCIS.2022.12.053>

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- Article Title: Detection and Mathematical Modeling of Anxiety Disorder Based on Socioeconomic Factors Using Machine Learning Techniques  
Publication Title: Human-centric Computing and Information Sciences

Posted Online Date: 15 November 2022  
Authors: Alsuwailam, R. I., & Bhatia, S.  
<https://doi.org/10.22967/HCIS.2022.12.052>

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- Article Title: Comparative Neural Network Based on Template Cluster for Automated Abnormal Beat Detection in Electrocardiogram Signals  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 15 November 2022  
Authors: Lee, S., & Park, D.  
<https://doi.org/10.22967/HCIS.2022.12.051>
- 

- Article Title: Sensor-Based Human Activity Recognition in Smart Homes Using Depthwise Separable Convolutions  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 30 October 2022  
Authors: Alghazzawi, D., Rabie, O., Bamasaq, O., Albeshri, A., & Asghar, M. Z.  
<https://doi.org/10.22967/HCIS.2022.12.050>
- 

- Article Title: Radiation Pneumonitis Prediction Using Multi-Omics Fusion Based on a Novel Machine Learning Pipeline  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 30 October 2022  
Authors: Li, B., Zheng, X., Gao, W., Wang, Y., Mao, R.,.....& Ge, H.  
<https://doi.org/10.22967/HCIS.2022.12.049>
- 

- Article Title: Improving Mental Models in IoT End-User Development  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 30 October 2022  
Authors: Zancanaro, M., Gallitto, G., Yem, D., & Treccani, B.  
<https://doi.org/10.22967/HCIS.2022.12.048>
- 

- Article Title: Occupancy Detection in Smart Home Space Using Interoperable Building Automation Technologies  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 15 October 2022  
Authors: Vanus, J., Martinek, R., Danys, L., Nedoma, J., & Bilik, P.  
<https://doi.org/10.22967/HCIS.2022.12.047>
- 

- Article Title: Multi-Scale Feature-Based Spatiotemporal Pyramid Network for Hand Gesture Recognition  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 30 September 2022  
Authors: Cao, Z., Li, Y., & Shin, B. S.  
<https://doi.org/10.22967/HCIS.2022.12.046>
- 

- Article Title: Understanding Stochastic Modeling Approach for Container-Based SFC Service Analysis  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 30 September 2022  
Authors: Zhao, Y., Li, Y., & Chao, H. C.  
<https://doi.org/10.22967/HCIS.2022.12.045>
- 

- Article Title: An Intelligent Model for Predicting the Students' Performance with Backpropagation Neural Network Algorithm Using Regularization Approach  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 30 September 2022  
Authors: Bukhari, M. M., Ullah, S. S., Uddin, M., Hussain, S., Abdelhaq, M., & Alsaqour, R.  
<https://doi.org/10.22967/HCIS.2022.12.044>
- 

- Article Title: Preserving the Privacy of Dependent Tuples Using Enhanced Differential Privacy  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 30 September 2022  
Authors: Ali, S., Wang, G., Riaz, S., & Rafique, T.  
<https://doi.org/10.22967/HCIS.2022.12.043>
-

- Article Title: MetaQ: A Quantum Approach for Secure and Optimized Metaverse Environment  
 Publication Title: Human-centric Computing and Information Sciences  
 Posted Online Date: 15 September 2022  
 Authors: Kwon, H. J., Azzaoui, A. El, & Park, J. H.  
<https://doi.org/10.22967/HCIS.2022.12.042>

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- Article Title: Privacy-Aware Retrieval of Electronic Medical Records by Fuzzy Keyword Search  
 Publication Title: Human-centric Computing and Information Sciences  
 Posted Online Date: 15 September 2022  
 Authors: Jia, C., Chunyan, J., Kong, L., Lin, W., & Qi, L.  
<https://doi.org/10.22967/HCIS.2022.12.041>

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- Article Title: File Recovery Method in NTFS-Based Damaged RAID System  
 Publication Title: Human-centric Computing and Information Sciences  
 Posted Online Date: 30 August 2022  
 Authors: Choi, J. H., & Lee, S.  
<https://doi.org/10.22967/HCIS.2022.12.040>

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- Article Title: Real-time Facial Expression Recognition via Dense & Squeeze-and-Excitation Blocks  
 Publication Title: Human-centric Computing and Information Sciences  
 Posted Online Date: 30 August 2022  
 Authors: Tseng, F. H., Cheng, Y. P., Wang, Y., & Suen, H. Y.  
<https://doi.org/10.22967/HCIS.2022.12.039>

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- Article Title: Music Plagiarism Detection Based on Siamese CNN  
 Publication Title: Human-centric Computing and Information Sciences  
 Posted Online Date: 30 August 2022  
 Authors: Park, K., Baek, S., Jeon, J., & Jeong, Y. S.  
<https://doi.org/10.22967/HCIS.2022.12.038>

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- Article Title: Magnetic-Actuated Cyber-Physical System for Interventional Surgery  
 Publication Title: Human-centric Computing and Information Sciences  
 Posted Online Date: 15 August 2022  
 Authors: Shan, C., Zhao, Z., Zhao, W., Zhang, T., Du, B., & Yuan, Z.  
<https://doi.org/10.22967/HCIS.2022.12.037>

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- Article Title: Quality of Service-Aware Resource Selection in Healthcare IoT Using Deep Autoencoder Neural Networks  
 Publication Title: Human-centric Computing and Information Sciences  
 Posted Online Date: 15 August 2022  
 Authors: Manikandan, R., Indu, Albuquerque, V. H. C., Tiwari, P., Aiqahatani, S. A., & Hossain, M. S.  
<https://doi.org/10.22967/HCIS.2022.12.036>

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- Article Title: Efficient Classification of Hyperspectral Data Using Deep Neural Network Model  
 Publication Title: Human-centric Computing and Information Sciences  
 Posted Online Date: 30 July 2022  
 Authors: Bmasaq, O., Alghazzawi, D., Alshehri, S., Jamjoom, A., & Asghar, M. Z.  
<https://doi.org/10.22967/HCIS.2022.12.035>

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- Article Title: Co-DLSA: Cooperative Delay and Link Stability Aware with Relay Strategy Routing Protocol for Flying Ad-Hoc Network  
 Publication Title: Human-centric Computing and Information Sciences  
 Posted Online Date: 30 July 2022  
 Authors: Hussain, A., Shah, B., Hussain, T., Ali, F., & Kwak, D.  
<https://doi.org/10.22967/HCIS.2022.12.034>

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- Article Title: The Impact of Enterprise Security Performance on Business Performance in Industrial Convergence Environment  
 Publication Title: Human-centric Computing and Information Sciences  
 Posted Online Date: 30 July 2022  
 Authors: Shin, E., Yu, H., Bae, S., & Chang, H.  
<https://doi.org/10.22967/HCIS.2022.12.033>

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- Article Title: Biomedical Waste Management Using IoT Tracked and Fuzzy Classified Integrated Technique  
 Publication Title: Human-centric Computing and Information Sciences  
 Posted Online Date: 15 July 2022  
 Authors: Wawale, S. G., Shabaz, M., Mehbodniya, A., Soni, M., Deb, N., Elashiri M. A., Dwivedi, Y. D., & Naved, M.  
<https://doi.org/10.22967/HCIS.2022.12.032>

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- Article Title: SA-RFR: Self-Attention Based Recurrent Feature Reasoning for Image Inpainting with Large Missing Area  
 Publication Title: Human-centric Computing and Information Sciences  
 Posted Online Date: 15 July 2022  
 Authors: Wang, J., Wang, L., He, S., Alfarraj, O., Tolba, A., & Sherratt, R. S.  
<https://doi.org/10.22967/HCIS.2022.12.031>

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- Article Title: Quantum Mutation Reptile Search Algorithm for Global Optimization and Data Clustering  
 Publication Title: Human-centric Computing and Information Sciences  
 Posted Online Date: 30 June 2022  
 Authors: Almodfer, R., Mudhsh, M., Chelloug, S., Shehab, M., Abualigah, L., & Elaziz, M. ABD  
<https://doi.org/10.22967/HCIS.2022.12.030>

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- Article Title: Multi-Scale Keypoints Feature Fusion Network for 3D Object Detection from Point Clouds  
 Publication Title: Human-centric Computing and Information Sciences  
 Posted Online Date: 30 June 2022  
 Authors: Zhang, X., Bai, L., Zhang, Z., & Li, Y.  
<https://doi.org/10.22967/HCIS.2022.12.029>

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- Article Title: A Three-Layered Student Learning Model for Prediction of Failure Risk in Online Learning  
 Publication Title: Human-centric Computing and Information Sciences  
 Posted Online Date: 30 June 2022  
 Authors: Hooshyar, D., Huang, Y. M., & Yang, Y.  
<https://doi.org/10.22967/HCIS.2022.12.028>

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- Article Title: Twitter Spam Detection via Bilinear Autoencoding Reconstruction Error  
 Publication Title: Human-centric Computing and Information Sciences  
 Posted Online Date: 15 June 2022  
 Authors: He, Q., Zhang, S., Li, B., & Yin, C.  
<https://doi.org/10.22967/HCIS.2022.12.027>

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- Article Title: Efficient Shadow Generation of Massive Crowds Based on the Area of Screen Space  
 Publication Title: Human-centric Computing and Information Sciences  
 Posted Online Date: 15 June 2022  
 Authors: Sung, M.  
<https://doi.org/10.22967/HCIS.2022.12.026>

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- Article Title: Gastrointestinal Diseases Recognition: A Framework of Deep Neural Network and Improved Moth-Crow Optimization with DCCA Fusion  
 Publication Title: Human-centric Computing and Information Sciences  
 Posted Online Date: 30 May 2022  
 Authors: Khan, M. A., Muhammad, K., Shui-Hua, W., Shtwai, A., Adel, B., Abdullah, A., & Orawit, T.  
<https://doi.org/10.22967/HCIS.2022.12.025>

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- Article Title: An IoMT-Based Federated and Deep Transfer Learning Approach to the Detection of Diverse Chest Diseases Using Chest X-Rays  
 Publication Title: Human-centric Computing and Information Sciences  
 Posted Online Date: 30 May 2022  
 Authors: Kakkar, B., Johri, P., Kumar, Y., Park, H., Son, Y., & Shafi, J.  
<https://doi.org/10.22967/HCIS.2022.12.024>

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- Article Title: CCTSDB 2021: A More Comprehensive Traffic Sign Detection Benchmark  
 Publication Title: Human-centric Computing and Information Sciences  
 Posted Online Date: 30 May 2022  
 Authors: Jhang, J., Zou, X., Kuang, L. D., Wang, J., Sherratt, R. S., & Yu, X.  
<https://doi.org/10.22967/HCIS.2022.12.023>

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- Article Title: Biologically Inspired CNN Network for Brain Tumor Abnormalities Detection and Features Extraction from MRI Images  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 15 May 2022  
Authors: Swarup, C., Kumar, A., Singh, K., Singh, T., Raja, L., Kumar, K., & Dubey, R.  
<https://doi.org/10.22967/HCIS.2022.12.022>
- 
- Article Title: Abnormal Behavior Detection Based on Activity Level Using Fuzzy Inference System for Wheelchair Users  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 15 May 2022  
Authors: Ma, C., Du, J., & Gravina, R.  
<https://doi.org/10.22967/HCIS.2022.12.021>
- 
- Article Title: A Secret Sharing-Based Distributed Cloud System for Privacy Protection  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 30 April 2022  
Authors: Kim, T. W., Azzaoui, A. E., Koh, B., Kim, J., & Park, J. H.  
<https://doi.org/10.22967/HCIS.2022.12.020>
- 
- Article Title: A Flexible Multiband Multicarrier Signal Design for Broadband Channel Sounding Applications  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 30 April 2022  
Authors: Iqbal, A., Drieberg, M., Jeoti, V., Aziz, A. B. A., Stojanovic, G. M., Simic, M. & Hussain, N.  
<https://doi.org/10.22967/HCIS.2022.12.019>
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- Article Title: Dual-Level Sensor Selection with Adaptive Sensor Recovery to Extend WSNs' Lifetime  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 30 April 2022  
Authors: Salim, O. M., Fouad, K. M., & Hassan, B.  
<https://doi.org/10.22967/HCIS.2022.12.018>
- 
- Article Title: Research on a Driver Fatigue Detection Model Based on Image Processing  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 15 April 2022  
Authors: Mu, Z., Jin, L., Yin, J., & Wang, Q.  
<https://doi.org/10.22967/HCIS.2022.12.017>
- 
- Article Title: Web Session Hijacking Defense Technique Using User Information  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 15 April 2022  
Authors: Hwang, W. S., Shon, J. G., & Park, J. S.  
<https://doi.org/10.22967/HCIS.2022.12.016>
- 
- Article Title: Multimodal Medical Image Fusion Based on Pixel Significance Using Anisotropic Diffusion and Cross Bilateral Filter  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 30 March 2022  
Authors: Lepcha, D. C., Dogra, A., Goyal, B., Chohan, J. S., Koundal, D., Zaguia, A., & Hamam, H.  
<https://doi.org/10.22967/HCIS.2022.12.015>
- 
- Article Title: A Hybrid Fuzzy-Crow Optimizer for Unconstrained and Constrained Engineering Design Problems  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 30 March 2022  
Authors: Gafar, M. G., El-Sehiemy, A. A., & Sarhan, S.  
<https://doi.org/10.22967/HCIS.2022.12.014>
- 
- Article Title: Trustworthy Dynamic Data Awareness Model for Tracking in CPS  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 30 March 2022  
Authors: Kim, S., Kim, S., & Yoon, Y.  
<https://doi.org/10.22967/HCIS.2022.12.013>

- 
- Article Title: Terrorist Organization Identification Using Link Prediction over Heterogeneous GNN  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 15 March 2022  
Authors: Bangerter, M. L., Fenza, G., Gallo, M., Loia, V., Petrone, A., & Volpe, A.  
<https://doi.org/10.22967/H CIS.2022.12.012>
- 
- Article Title: Face Detection Using Haar Cascade Classifiers Based on Vertical Component Calibration  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 15 March 2022  
Authors: Choi, C. H., Kim, J., Hyun, J., Kim, Y., & Moon, B.  
<https://doi.org/10.22967/H CIS.2022.12.011>
- 
- Article Title: Face Detection Using Haar Cascade Classifiers Based on Vertical Component Calibration  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 15 March 2022  
Authors: Choi, C. H., Kim, J., Hyun, J., Kim, Y., & Moon, B.  
<https://doi.org/10.22967/H CIS.2022.12.011>
- 
- Article Title: Topic-Rank Recommendation Model Based on Microblog Topic Relevance & User Preference Analysis  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 28 February 2022  
Authors: Bao, F., Xu, W., Feng, Y., & Xu, C. A.  
<https://doi.org/10.22967/H CIS.2022.12.010>
- 
- Article Title: Mosaic Stylization Using Andamento  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 28 February 2022  
Authors: Kang, D., & Seo, S.  
<https://doi.org/10.22967/H CIS.2022.12.009>
- 
- Article Title: Scalable Lightweight Blockchain-Based Authentication Mechanism for Secure VoIP Communication  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 28 February 2022  
Authors: El Azzaoui, A., Choi, M. Y., Lee, C. H., & Park, J. H.  
<https://doi.org/10.22967/H CIS.2022.12.008>
- 
- Article Title: COMPASS: An Active RFID-Based Real-Time Indoor Positioning System  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 15 February 2022  
Authors: Hsu, Y. F., Cheng, C. S., & Chu, W. C.  
<https://doi.org/10.22967/H CIS.2022.12.007>
- 
- Article Title: Enhancement of Speech Encryption/Decryption Process Using RSA Algorithm Variants  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 15 February 2022  
Authors: Abouelkheir, E., & El-Sherbiny, S.  
<https://doi.org/10.22967/H CIS.2022.12.006>
- 
- Article Title: Simulation Studies of Elastic Optical Networks Nodes with Multicast Connections  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 30 January 2022  
Authors: Sobieraj, M., Zwierzykowski, P., & Leitgeb, E.  
<https://doi.org/10.22967/H CIS.2022.12.005>
- 
- Article Title: End-to-End Data Authentication Deep Learning Model for Securing IoT Configurations  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 30 January 2022  
Authors: Hammad, M., Iliyasu, A. M., Elgendy, I. A., & Abd El-Latif, A. A.  
<https://doi.org/10.22967/H CIS.2022.12.004>
-



- Article Title: Soft Core Firmware-Based Board Management Module for High Performance Blockchain/Fintech Servers  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 30 January 2022  
Authors: Shin, S., Eom, S., & Choi, M.  
<https://doi.org/10.22967/HCIS.2022.12.003>
- Article Title: Prioritized Environment Configuration for Drone Control with Deep Reinforcement Learning  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 15 January 2022  
Authors: Jang, S., & Choi, C.  
<https://doi.org/10.22967/HCIS.2022.12.002>
- Article Title: Vision-based Skeleton Motion Phase to Evaluate Working Behavior: Case Study of Ladder Climbing Safety  
Publication Title: Human-centric Computing and Information Sciences  
Posted Online Date: 15 January 2022  
Authors: Chen, Z., Wu, L., He, H., Jiao, Z., & Wu, L.  
<https://doi.org/10.22967/HCIS.2022.12.001>

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## Indexing Services

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All articles published in Human-centric Computing and Information Sciences are listed in the following indexing services:

Science Citation Index Expanded (SCIE), Scopus, Google Scholar, DOAJ, OCLC, SCImage, Summon by ProQuest

Impact Factor: 6.558

<https://jcr.clarivate.com/jcr-jp/journal-profile?journal=HUM-CENT%20COMPUT%20INFO&year=2021&fromPage=%2Fjcr%2Fhome>

Journal Citation: Q1 (27/164)

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-The End-

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