


[HOME](#) [ABOUT](#) [LOGIN](#) [REGISTER](#) [SEARCH](#) [CURRENT](#) [ARCHIVES](#)
[Home](#) > [Vol 9, No 3 \(2025\)](#)

JOIV : International Journal on Informatics Visualization

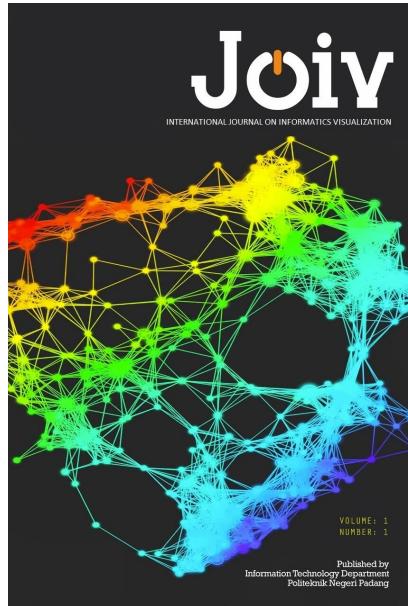
Journal title	JOIV : International Journal on Informatics Visualization
Abbreviation	JOIV : Int. J. Inform. Visualization
ISSN E-ISSN	2549-9610 / 2549-9904
Editor-in-chief	Prof. Halimah Badioze Zaman (<i>Institute of Visual Informatics, Malaysia</i>) with Rahmat Hidayat (<i>Politeknik Negeri Padang</i>)

Organized / Collaboration

Society of Visual Informatics, Indonesia; Institute of Visual Informatics, UKM, Malaysia and Soft Computing and Data Mining Centre, UTHM, Malaysia

1.9 2024 CiteScore

43rd percentile
Powered by **Scopus**



JOIV: International Journal on Informatics Visualization is an international peer-reviewed open-access journal dedicated to interchange for the results of high-quality research in all aspect of Computer Science, Computer Engineering, Information Technology, and Visualization. The journal publishes state-of-art papers in fundamental theory, experiments, and simulation, as well as applications, with a systematic proposed method, sufficient review on previous works, expanded discussion, and concise conclusion. As our commitment to the advancement of science and technology, the JOIV follows the open access policy that allows the published articles freely available online without any subscription. Submitted papers must be written in English for initial review stage by editors and further review process by minimum two international reviewers.

Important Dates :

Paper Submission Date: Any time

Starting 2025, Online Publication Date:

Last date of January, March, May, July, September and November

OAI Address

JOIV: International Journal on Informatics Visualization has OAI address:
<http://joiv.org/index.php/joiv/oai>

Before submission,

You have to make sure that your paper is prepared using the **JOIV paper Template**, has been carefully proofread and polished and conformed to the [author guidelines](#).

Online Submissions

- Already have a username/password for JOIV: International Journal on Informatics Visualization? [GO TO LOGIN](#)

Need a username/password? [GO TO REGISTRATION](#)

QUICK MENU

- » Editorial Team
- » Focus & Scope
- » Indexing
- » Author Guidelines
- » Peer Review Process
- » Author Fees
- » Publication Ethics
- » Online Submission
- » Open Access Statement
- » Plagiarism Policy
- » Special Issues
- » Licensing terms
- » Contact

1.9 2024 CiteScore

43rd percentile
Powered by **Scopus**



REQUEST INDEXING

- » **SCOPUS (ACCEPTED)**
 - » Submission Received: **March 3, 2020**
 - » Submission Accepted: **July 30, 2020**
 - » **SCOPUS CiteScore Tracker 2020**

• Need a username/password? [GO TO REGISTRATION](#)

Registration and login are required to submit items online and to check the status of current submissions.

Abstracted/Index by:



Upcoming Events



0 COMMENTS

8th International Visual Informatics Conference (IVIC23)



0 COMMENTS

The 1st 2023 Asia-Europe Conference on Applied Information Technology 2023 (AEETECH)



0 COMMENTS

The 1st 2023 Software & Technologies, Visual Informatics & Applications (SOTVIA) Conference

Vol 9, No 3 (2025)

This issue has been available online since **31th May 2025** for the regular issue of May 2025. All articles in this issue (**50 original research articles**) were authored/co-authored by **201 authors** from **11 countries** (**United Arab Emirates, United Kingdom, Indonesia, Iraq, Japan, South Korea, Malaysia, New Zealand, Saudi Arabia, Tunisia, and United States**).



Table of Contents

Regular

- Performance Evaluation of a Simple Feed-forward Deep Neural Network Model Applied to Annual Rainfall Anomaly Index (RAI) Over Indramayu, Indonesia** PDF
887-892

DOI : 10.62527/joiv.9.3.1984

Sandy Hardian Susanto Herho, Dasapta Erwin Irawan, Faiz Rohman Fajary, Rusmawan Suwarman, Siti Nurzannah Kaban

- Domain-Independent True Fact Identification from Knowledge Graph** PDF
893-913

DOI : 10.62527/joiv.9.3.3690

Sini Govindapillai, Soon Lay-Ki, Haw Su-Cheng

- Enhancing Low-Resolution Images of Mustard Leaves Affected by Pests with Thermal Sensor using Super-Resolution Convolutional Neural Network Optimization** PDF
914-920

DOI : 10.62527/joiv.9.3.2841

Fredy Susanto, Pulung Nurtantio, Arief Soeelman, Pujiono Pujiono, Edi Noersasongko, Dedi Dedi

- Comparative Analysis of Human Detection using Depth Data and RGB Data with Kalman Filter: A Study on Haar and LBP Methods** PDF
921-928

DOI : 10.62527/joiv.9.3.2739

Fira Aulia, Hary Oktavianto, Bima Sena Bayu Dewantara

- Engagement Facial Expression Classification Using Landmark-Based Geometric with Bimodal 2-Stream Graph Based CNN in Online Learning** PDF
929-935

DOI : 10.62527/joiv.9.3.3019

» WoS / Web of Science

- » Latest submission: September 16, 2018
- » [Web of Science](#) Citation Analysis

» IET INSPEC

- » Added to review: **May 29, 2020**

» Ei COMPENDEX

- » Submission: **February 10, 2021**

PUBLICATION PARTNERS



USER

Username

Password

Remember me

 Muhammad Ariz Putra Rianto, Novanto Yudistira, Agus Wahyu Widodo

Classification of Coral Images Using Support Vector Machine with Gray Level Co-Occurrence Matrix Feature Extraction

 DOI : 10.62527/joiv.9.3.2708

 Adi Pandu Rahmat Nababan, Toto Haryanto, SONY Hartono Wijaya

PDF

936-946

Optimizing YOLOv8 for Enhanced Melon Maturity Detection with Attention Mechanisms: A Case Study from Puspalebo Orchard

 DOI : 10.62527/joiv.9.3.2942

 Ubaidillah Umar, Tri Arief Sardjono, Hendra Kusuma, Mohamad Yani, Helmy Widhyantara

PDF

947-956

Improved Hybrid of Artificial Gorilla Troops Optimizer and Simulated Annealing Algorithm to Address Global Optimization Problems

 DOI : 10.62527/joiv.9.3.2785

 Abd Al-Basset Rashed Saabia, Mondher Frikha

PDF

957-963

Entity Extraction in Indonesian Online News Using Named Entity Recognition (NER) with Hybrid Method Transformer, Word2Vec, Attention and Bi-LSTM

 DOI : 10.62527/joiv.9.3.2902

 Zahir Zainuddin, - Mudassir, Zulkifli Tahir

PDF

964-973

STAC Implementation and FAIR Evaluation for Integrating Landsat-8 Analysis Ready Data: Improving Geospatial Data Accessibility and Utilization in Indonesia

 DOI : 10.62527/joiv.9.3.3270

 Agnes Sondita Payani, Rubini Jusuf, Ahmad Sutanto, Eduard Thomas Prakoso, Anwar Annas, Krisna Malik Sukarno, Steward Augusto

PDF

974-981

Bibliometric Analysis of AI-Based Prototype Proposal for User Security Awareness in Healthcare

 DOI : 10.62527/joiv.9.3.3319

 I Putu Agus Eka Pratama, I Made Oka Widhyantara, Linawati Linawati, Nyoman Gunantara

PDF

982-994

An Enhanced Routing Protocol For Vehicular Ad Hoc Networks With Swarm Intelligent

 DOI : 10.62527/joiv.9.3.3298

 Mustafa Tareq, Yasir Hadi Farhan, Mohammed Mansoor Nafea

PDF

995-1001

Comparison of Machine Learning as an Inference Engine to Improve Expert Systems in Dengue Disease

 DOI : 10.62527/joiv.9.3.3192

 - Istiadi, Fitri Marisa, Rudy Joegijantoro, Affi Nizar Suksmawati, Aviv Yuniar Rahman

PDF

1002-1011

The Development of a Hybrid Learning Management System with Learning Styles for Creative Learning to Undergraduate Students

 DOI : 10.62527/joiv.9.3.2670

 Septriany Anugrah, Dedi Supendra, Nizwardi Jalinus, Syahril Syahril, Diah Anggraini Austin

PDF

1012-1021

Low-Resolution Face Image Reconstruction Using Multi-Stage FSRCNN to Improve Face Detection and Tracking Accuracy in CCTV Surveillance

 DOI : 10.62527/joiv.9.3.3160

 - Tommy, Rosyidah Siregar, Edy Rahman Syahputra

PDF

1022-1032

Enhancing Batik Classification Leveraging CNN Models and Transfer Learning

 DOI : 10.62527/joiv.9.3.2535

 Am Akbar Mabruk Perdana, Muhammad Fajar B, Abdul Muis Mappalotteng

PDF

1033-1040

Visualizing and Mapping Research on Consumers' Credit and Payment: A Bibliometric Analysis

 DOI : 10.62527/joiv.9.3.2061

 Dekeng Setyo Budiarto, Norhidayah Binti Azman, Tutut Herawan

PDF

1041-1049

Development of Conventional Lathe Machine Manual User by Using Augmented Reality Frameworks

 DOI : 10.62527/joiv.9.3.2712

 Abdul Hamid, Loretta Anak Puan, Norfauzi Tamin, Andi Maslan, Darmawan A.S

PDF

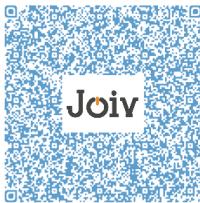
1050-1058

Evaluation of Extreme Rainfall Occurrences Using Short-term and Long-term Standard

PDF

Evaluation of Extreme Rainfall Occurrences Using Short-term and Long-term Standard Precipitation Index (SPI)	1059-1065
DOI : 10.62527/joiv.9.3.2213	
• Nurul Dayana Razuki, Ummul Fahri Abdul Rauf, Zuraini Zainol, Mohd Rizal Mohd Isa, Nor Azliana Akmal binti Jamaludin	
Prediction Analysis of Greeting Gestures Based on Recurrent Neural Networks	PDF
DOI : 10.62527/joiv.9.3.2917	1066-1076
• Angga Wibowo, - Kurnianingsih, Eri Sato-Shimokawara	
Artificial Intelligence Adoption on Investment Platform for Robo Advisory Users in Indonesia	PDF
DOI : 10.62527/joiv.9.3.2842	1077-1086
• Arief Fahruri, Toto Rusmanto, Dezie Leonarda Warganegara, Viany Utami Tjhin	
Comparative Analysis of Homomorphic and Morphological Filters Using Inception V3 for Thermal Facial Image Classification of Autistic Children	PDF
DOI : 10.62527/joiv.9.3.2885	1087-1094
• Nur Afny Catur Andryani, Melinda Melinda, Cut Dara Tariliani, Maulisa Oktiana, Junidar Junidar	
Trends in Research on the Digital Divide among Disadvantaged Groups in South Korea: A Systematic Literature Review	PDF
DOI : 10.62527/joiv.9.3.4214	1095-1103
• HakNeung Go, Suhun Lim, Seong-Won Kim	
Investigating P300 Response In Visual Searching Of Multiple Traffic Objects During Driving	PDF
DOI : 10.62527/joiv.9.3.2884	1104-1110
• Yuki Yamamoto, Kohma Kurahashi, Nobuhiko Wagatsuma, Sou Nobukawa, Keiichiro Inagaki	
Online Counseling on Global Issues: Systematic Literature Review	PDF
DOI : 10.62527/joiv.9.3.2448	1111-1117
• Ifdil Ifdil, Muhammad Fahli Zatrahadi, Darmawati Darmawati, Istiqomah Istiqomah, Abu Yazid Abu Bakar	
Development of a Predictive Model for Citrus Shipments and Prices, and Analysis of Influencing Factors	PDF
DOI : 10.62527/joiv.9.3.4245	1118-1124
• Seonyul Kim, Yun Am Seo	
Exploring M-Learning User Information Systems through the Development of a Comprehensive Technology Acceptance Model	PDF
DOI : 10.62527/joiv.9.3.3258	1125-1131
• Rina Fati, - Widowati, Dinar Mutiara K. N	
Optimizing Artificial Neural Network for Customer Churn: Advanced Data Balancing and Feature Selection	PDF
DOI : 10.62527/joiv.9.3.3064	1132-1141
• Aditiya Hermawan, Willy Wijaya, Benny Daniawan	
Enhanced BatikGAN SL Model for High-Quality Batik Pattern Generation	PDF
DOI : 10.62527/joiv.9.3.3096	1142-1148
• Agus Eko Minarno, Denar Regata Akbi, Yuda Munarko	
Assessment of Post-Disaster Building Damage Levels Using Back-Propagation Neural Network Prediction Techniques	PDF
DOI : 10.62527/joiv.9.3.2711	1149-1156
• Agung Teguh Wibowo Almair, Rahma Annisa Fajrin, Agus Naba, Moechammad Sarosa, Juhari Juhari, Adi Susilo	
Personalized Tourism in Surabaya: A Bayesian Network Approach	PDF
DOI : 10.62527/joiv.9.3.3376	1157-1167
• Rosiyah Faradisa, Tessy Badriyah, Hanan Ammar Maulana, Moh Hasbi Assidiqi	
Community Blockchain Record-Keeping Method for Agricultural Land Leases using Design Science Research Approach	PDF
DOI : 10.62527/joiv.9.3.3619	1168-1176
• Yin Xia Loh, Sharin Hazlin Huspi, Ahmad Najmi Amerhaider Nuar	

Recommender System Based on Social Network Analysis of Student Workshop and Event Activities Compared to GPA and Department	PDF
 DOI : 10.62527/joiv.9.3.2943	1177-1189
 Esther Setiawan, Joan Santoso, Billy Kelvianto Cahyadi, Axel Derian Afandi, Daniel Gamaliel Saputra, FX Ferdinandus, Kimiya Fujisawa, Mauridhi Hery Purnomo	
Exploring Digital Competency as a Fundamental Job Competency in Higher Education	PDF
 DOI : 10.62527/joiv.9.3.4253	1190-1201
 Seonyune Choi, Yeonju Jang, Hyeoncheol Kim	
A Comparative Analysis of Building Hidden Layer, Activation Function, and Optimizer on Neural Network Sentiment Analysis	PDF
 DOI : 10.62527/joiv.9.3.2906	1202-1210
 Samuel Ady Sanjaya, Dinar Ajeng Kristiyanti, Irmawati Irmawati, Faustine Ilone Hadinata, Cristin Natalia Karaeng	
Ship Trajectory Prediction Based on Spatial-temporal Data Using Long Short-Term Memory	PDF
 DOI : 10.62527/joiv.9.3.3353	1211-1217
 Widayadi Setiawan, Linawati Linawati, I Made Oka Widayantara, Dewa Made Wiharta, Sri Andriati Asri, I Wayan Adi Juliawan Pawana	
Deep Learning-Based Early Dropout Prediction in University Online Learing	PDF
 DOI : 10.62527/joiv.9.3.4258	1218-1225
 Hee-Sun Park, Seong-Joon Yoo, Yeong-Hyeon Gu	
A Hybrid Machine Learning Approach Utilizing PCA and ICA Features for Stress Classification	PDF
 DOI : 10.62527/joiv.9.3.3378	1226-1234
 Setyorini Setyorini, Ilham Ari Elbaith Zaeni, Hakkun Elmunsyah	
Optimizing Quadrotor Stability: RBF Neural Network Control with Performance Bound for Center of Gravity Uncertainty	PDF
 DOI : 10.62527/joiv.9.3.2918	1235-1243
 Mohamad Yani, Fernando Ardilla, Adnan Rahmat Anom Besari, Azhar Aulia Saputra, Naoyuki Kubota, Zool H Ismail	
Identification of Indonesian Rupiah Paper Currency Denominations Using First Order Statistical Feature Extraction and K-Nearest Neighbor	PDF
 DOI : 10.62527/joiv.9.3.3037	1244-1251
 Rinci Kembang Hapsari, Muhammad Ilham Khoiri, Purbandini Purbandini, Budi Dwi Satoto, Abdullah Harits Salim, Titus Kristanto	
Applying Data Mining on Personal Computer for Document Classification	PDF
 DOI : 10.62527/joiv.9.3.3473	1252-1262
 Ian Chai, Ahmad Zarif Salleh	
Audio Signal Classification using Mel-Frequency Cepstrum Coefficients and Deep Neural Network for Noon Saakin or Tanween Tajweed Rule Dataset	PDF
 DOI : 10.62527/joiv.9.3.2875	1263-1269
 Genta Hayindra Irawan, Husni Mubarok, Irani Hoeronis	
Analysis of Emission Reduction in Indonesia's Power Generation Sector for the Centennial Milestone using Grammatical Evolution and ARIMA	PDF
 DOI : 10.62527/joiv.9.3.3067	1270-1276
 Jangkung Raharjo, Inung Wijayanto, Rifki Rahman Nur Ikhsan, Igpo Indra Wijaya, Bambang Setia Nugroho, Mamat Rokhmat	
Exploring Strategies to Improve Digital Literacy Assessment Using Log Data Analysis	PDF
 DOI : 10.62527/joiv.9.3.4264	1277-1282
 Sujin Yoo, Jeong-Hee Seo, Hansung Kim	
A Review of AMQP Protocol: Characteristics, Security Challenges and Proposed Enhancement	PDF
 DOI : 10.62527/joiv.9.3.3043	1283-1297
 Saida Hafsa Rafique, Amira Abdallah, Shama Ali Alhosani, Norziana Jamil	
Improving Accuracy in Deep Learning-Based Mushroom Image Classification through Optimal Use of Classification Techniques	PDF
	1298-1309

 DOI : 10.62527/joiv.9.3.2820 Johan Muliadi Kerta, Abdul Haris Rangkuti, Sian Lun Lau, Albert Kurniawan, Melanie Gabriela, Alicia Tandianto**Comparative Study of CNN Architectures for Real-Time Audio-Based Car Accident Detection on Edge Devices**PDF
1310-1318 DOI : 10.62527/joiv.9.3.2985 Ahmada Haiz Zakiyil Ilahi, Arif Irwansyah, Hary Oktavianto**Integration of SEM and Nonparametric Spline in Spatial Data Modeling and Visualization for Analysis of CO₂ Reduction Using Green Space in Makassar City**PDF
1319-1329 DOI : 10.62527/joiv.9.3.3807 Ruliana Ruliana, Rosmini Maru, Zulkifli Rais, Ansari Saleh Ahmar**A New Method for Handling Large Missing Values from Rain Gauge Sensors**PDF
1330-1335 DOI : 10.62527/joiv.9.3.2932 Ikke Dian Oktaviani, Maman Abdurohman, Bayu Erfianto, Ardhasena Sopaheluwakan**Route Recommendation System Based on Group Preferences Using Analytic Hierarchy Process as Criteria Weight Calculation**PDF
1336-1346 DOI : 10.62527/joiv.9.3.2946 Surya Michrandi Nasution, Casi Setianingsih, Burhanuddin Dirgantara**JOIV : International Journal on Informatics Visualization**

ISSN 2549-9610 (print) | 2549-9904 (online)

Organized by Society of Visual Informatics, and Institute of Visual Informatics - UKM and Soft Computing and Data Mining Centre - UTHM

W : <http://joiv.org>E : alde@sotvi.org , rahmat@sotvi.org[View JOIV Stats](#)

is licensed under a Creative Commons Attribution-ShareAlike 4.0 International License.