

Table of Contents

International Journal of Cognitive Informatics and Natural Intelligence

Volume 15 • Issue 3 • July-September-2021 • ISSN: 1557-3958 • eISSN: 1557-3966

Guest Editorial Preface

v Special Issue of Revised and Extended Papers from the International Conference on Recent Trends in Communication & Intelligent Systems

A. K. Singh Pundir, Department of ECE, Arya College of Engineering and Information Technology, Jaipur, India
Sandeep Kumar, Department of Computer Science and Engineering, School of Engineering and Technology, Christ University (Deemed), Bangalore, India
Neha Yadav, Department of Mathematics and Scientific Computing, National Institute of Technology Hamirpur, India

Open Access Article

1 Entity-Extraction Using Hybrid Deep-Learning Approach for Hindi text

Richa Sharma, Banasthali Vidyapith, India
Sudha Morwal, Banasthali Vidyapith, India
Basant Agarwal, Indian Institute of Information Technology, Kota, India

12 Optical Flow-Based Weighted Magnitude and Direction Histograms for the Detection of Abnormal Visual Events Using Combined Classifier

Gajendra Singh, National Institute of Technology, Jalandhar, India
Rajiv Kapoor, Delhi Technological University, India
Arun Khosla, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, India

31 A Novel GUI-Based Image Reconstruction Algorithm of EIT Imaging Technique

Ramesh Kumar, GEC Ajmer, India
Shashank Tripathi, GEC Gaya, India

47 Robust Face Recognition Under Partial Occlusion Based on Local Generic Features

Amit Kumar Yadav, GLA University, Mathura, India
Neeraj Gupta, GLA University, Mathura, India
Aamir Khan, Independent Researcher, India
Anand Singh Jalal, GLA University, Mathura, India

58 A Multi-Objective Genetic Algorithm-Based Resource Scheduling in Mobile Cloud Computing

Somula Ramasubbareddy, Department of Information Technology, VNRVJIT, Hyderabad, India
Evakattu Swetha, SV College of Engineering, Tirupati, India
Ashish Kumar Luhach, The PNG University of Technology, Papua New Guinea
T. Aditya Sai Srinivas, G. Pullaiah College of Engineering and Technology, Kurnool, India

74 Semrank: A Semantic Similarity-Based Tweets Ranking Approach

Jagrati Singh, Motilal Nehru National Institute of Technology, Allahabad, India
Anil Kumar Singh, Motilal Nehru National Institute of Technology, Allahabad, India

COPYRIGHT

The *International Journal of Cognitive Informatics and Natural Intelligence (IJCINI)* (ISSN 1557-3958; eISSN 1557-3966), From the journal's inception, January 1, 2007, to December 31, 2020, all rights, including translation into other languages is reserved by the publisher, unless otherwise stated in the article manuscript. As of January 1, 2021, this journal operates under the gold Open Access Model, whereby all content published after this date is distributed under the terms of the Creative Commons Attribution 4.0 International (CC BY 4.0) License (<http://creativecommons.org/licenses/by/4.0/>) where copyright for the work remains solely with the author(s) of the article manuscript. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The *International Journal of Cognitive Informatics and Natural Intelligence* is indexed or listed in the following: ACM Digital Library; Bacon's Media Directory; Cabell's Directories; Compendex (Elsevier Engineering Index); CSA Illumina; DBLP; Gale Directory of Publications & Broadcast Media; GetCited; Google Scholar; INSPEC; JournalTOCs; MediaFinder; PsycINFO®; SCOPUS; The Index of Information Systems Journals; The Standard Periodical Directory; UGC-CARE List (India); Ulrich's Periodicals Directory; Web of Science; Web of Science Emerging Sources Citation Index (ESCI)