Table of Contents

International Journal of Healthcare Information Systems and Informatics

Volume 15 • Issue 2 • April-June-2020 • ISSN: 1555-3396 • eISSN: 1555-340X

Special Issue on Intelligent Healthcare Systems: New Trends and Applications

Guest Editorial Preface

Aman Singh, Department of Computer Science and Engineering, Lovely Professional University, Phagwara, India
Babita Pandey, Department of Computer Science and Information Technology, Babasaheb Bhimrao Ambedkar University, Lucknow, India
Ramandeep Singh, Department of Computer Science and Engineering, Lovely Professional University, Phagwara, India

Research Articles

1 Performance Analysis of Machine Learning Algorithms for Cervical Cancer Detection
Sanjay Kumar Singh, I.K. Gujral Punjab Technical University, Kapurthala, Punjab, India
Anjali Goyal, Department of Computer Applications, GNIMT, Ludhiana, Punjab, India

22 An Improved and Adaptive Approach in ANFIS to Predict Knee Diseases
Ranjit Kaur, Lovely Professional University, Phagwara, India
Kamaldeep Kaur, Lovely Professional University, Phagwara, India
Aditya Khamparia, Lovely Professional University, Phagwara, India
Divya Anand, Lovely Professional University, Phagwara, India

38 A Fuzzy Rule Based Expert System for Early Diagnosis of Osgood Schlatter Disease of Knee Joint
Gagandeep Kaur, Lovely Professional University, Phagwara, India
Abhinav Hans, Lovely Professional University, Phagwara, India
Anshu Vashisth, Lovely Professional University, Phagwara, India

50 Health Detection of Wheat Crop Using Pattern Recognition and Image Processing
Balwant Ram, Lovely Professional University, Phagwara, India
Mamoon Rashid, Lovely Professional University, Phagwara, India
Kamlesh Lakhwani, Lovely Professional University, Phagwara, India
Shibi S. Kumar, Lovely Professional University, Phagwara, India

61 Retinal Vessel Segmentation Using an Entropy-Based Optimization Algorithm
Sukhpreet Kaur, IKGPTU, Kapurthala, India
Kulwinder Singh Mann, Guru Nanak Dev Engineering College, Ludhiana, India