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Area Image and Video Processing, Medical Imaging, Data mining, Dimensionality Reduction.

LAST 5 YEAR PUBLICATIONS: 18

1. Handbook of Artificial Intelligence in Biomedical Engineering Editors:, GSM Saravanan Krishnan, Ramesh Kesavan, Surendiran B [https://www.appleacademicpress.com/handbook-of-artificial-intelligence-in ...](https://www.appleacademicpress.com/handbook-of-artificial-intelligence-in-...)
2. A Word Embedding Based Approach for Focused Web Crawling Using the Recurrent Neural Network BS P. R. Joe Dhanith International Journal of Interactive Multimedia and Artificial Intelligence ...
3. Brain Tumour Detection in MRI Using Deep Learning S Shanmuga priya, S Saran raj, B Surendiran, et al Evolution in Computational Intelligence Frontiers in Intelligent Computing ...
4. Working of Mobile Intelligent Agents on the Web—A Survey PRJ Dhanith, B Surendiran Role of Edge Analytics in Sustainable Smart City Development: Challenges and ...
5. Delivered a talk on "Machine Learning Tools for healthcare" in the two-day Third International Virtual Conference on "Data Science - A future of Digital Transformation ... B Surendiran <https://vit.ac.in/>
6. Context-Based Social Media Recommendation System RS Kanmani, B Surendiran Recommender System with Machine Learning and Artificial Intelligence ...
7. Outstanding Reviewer Award DB Surendiran Biomedical and Pharmacology Journal
8. Analysis of Movie Recommendation Systems; with and without considering the low rated movies MM Reddy, RS Kanmani, B Surendiran 2020 International Conference on Emerging Trends in Information Technology ...
9. Spam e-mail classification for the Internet of Things environment using semantic similarity approach S Venkatraman, B Surendiran, PAR Kumar The Journal of Supercomputing 76 (2), 756-776
10. Adaptive hybrid intrusion detection system for crowd sourced multimedia internet of things systems S Venkatraman, B Surendiran Multimedia Tools and Applications 79, 3993–4010

11. Hybrid Network Intrusion Detection System for Smart Environments Based on Internet of Things V Subbarayalu, B Surendiran, P Arun Raj Kumar The Computer Journal 62 (12), 1822-1839
12. An ontology learning based approach for focused web crawling using combined normalized pointwise mutual information and Resnik algorithm PR Joe Dhanith, B Surendiran International Journal of Computers and Applications, 1-7
13. Top Reviewer Award DB Surendiran Web of Science -Publons
14. Advent of Augmented Reality Experience in Retail and Online Shopping and its Influencing Significance in Future SAF SJ, S Shankar, B Surendiran, K Saranya MATTER: International Journal of Science and Technology 5 (2)
15. Elliptic curve cryptography for secured text encryption K Keerthi, B Surendiran 2017 International Conference on Circuit, Power and Computing Technologies ...
16. Feature Subset Selection for Intrusion Detection using various Rank based Algorithms KV Surendiran B International Journal of Computer Applications in Technology (IJCAT) 55 (4)
17. Nature-inspired classification for mining social space information: National security intelligence and big data perspective K Dhanasekaran, B Surendiran 2016 Online International Conference on Green Engineering and Technologies ...
18. Dimensionality reduction using principal component analysis for network intrusion detection KK Vasan, B Surendiran Perspectives in Science