NEXGEN TECHNOLOGY

FINAL YEAR IEEE DEEP LEARNING TITLES 2021-2022

1. Lung and Pancreatic Tumor Characterization in the Deep Learning Era: Novel Supervised and Unsupervised Learning Approaches

2. Deep Learning Computed Tomography: Learning Projection-Domain Weights From Image Domain in Limited Angle Problems

3. Applications of Deep Learning and Reinforcement Learning to Biological Data

4. UD-MIL: Uncertainty-Driven Deep Multiple Instance Learning for OCT Image Classification

5. Deep Learning for Classification and Localization of COVID-19 Markers in Point-of-Care Lung Ultrasound

6. A Novel Deep Learning Strategy for Classifying Different Attack Patterns for Deep Brain Implants

7. Machine Learning and Deep Learning Approaches for Brain Disease Diagnosis: Principles and Recent Advances

8. Learning Affective Video Features for Facial Expression Recognition via Hybrid Deep Learning

9. Crop Yield Prediction Using Deep Reinforcement Learning Model for Sustainable Agrarian Applications

10. Action-Driven Visual Object Tracking With Deep Reinforcement Learning

11. Deep Cascade Model-Based Face Recognition: When Deep-Layered Learning Meets Small Data

12. Deep Learning Based Analysis of Breast Cancer Using Advanced Ensemble Classifier and Linear Discriminant Analysis

13. Transfer Learning for Molecular Cancer Classification Using Deep Neural Networks

14. A Study of Multi-Task and Region-Wise Deep Learning for Food Ingredient Recognition

15. Deep Learning-Based Gleason Grading of Prostate Cancer From Histopathology Images—Role of Multiscale Decision Aggregation and Data Augmentation

16. . A Machine Learning Methodology for Diagnosing Chronic Kidney Disease

17. Academic Performance Prediction Based on Multisource, Multifeature Behavioral Data

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18. Artificial Intelligence and COVID-19: Deep Learning Approaches for Diagnosis and Treatment

19. Comparison of Machine Learning Algorithms for Predicting Crime Hotspots

20. COVID-19 Future Forecasting Using Supervised Machine Learning Models

22. Crop Yield Prediction based on Indian Agriculture using Machine Learning

23. Deep Learning Based Fusion Approach for Hate Speech Detection

24. Deep Learning for Large-Scale Traffic-Sign Detection and Recognition

25. Defensive Modeling of Fake News Through Online Social Networks

26. Detecting and Characterizing Extremist Reviewer Groups in Online Product Reviews

27. Detecting Spam Email With Machine Learning Optimized With Bio-Inspired Metaheuristic Algorithms

28. Detection of Fake and Clone accounts in Twitter using Classification and Distance Measure Algorithms

29. Detection of Malicious Social Bots Using Learning Automata With URL Features in Twitter Network

30. FAKEDETECTOR: Effective Fake News Detection with Deep Diffusive Neural Network

31. Finding Psychological Instability Using Machine Learning

32. Flight Delay Prediction Based on Aviation Big Data and Machine Learning

33. Heart Disease Identification Method Using Machine Learning Classification in E-Healthcare

34. Hybrid Feature based Prediction of Suicide Related Activity on Twitter

35. Intrusion Detection System Using PCA with Random Forest Approach

36. Performance Analysis on Student Feedback using Machine Learning Algorithms

37. Predicting Stock Market Trends Using Machine Learning and Deep Learning Algorithms Via Continuous and Binary Data; a Comparative Analysis

38. Prediction of Breast Cancer, Comparative Review of Machine Learning Techniques, and Their Analysis

39. Rice Leaf Diseases Classification Using CNN With Transfer Learning

40. Spam Review Detection Using the Linguistic and Spammer Behavioral Methods

41. Students Performance Prediction in Online Courses Using Machine Learning Algorithms

42. A Mask Detection Method for Shoppers Under the Threat of COVID-19 Coronavirus

43. Email Spam Detection Using Machine Learning Algorithms

44. Detecting A Twitter Cyberbullying Using Machine Learning

45. A New Intelligent Approach for Effective Recognition of Diabetes in the IoT E-HealthCare Environment

46. Malaria Detection using Deep Learning

47. Human Recognition using Ear based Deep Learning Features

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