



All



ADVANCED SEARCH

Conferences > 2023 2nd International Confer... ?

Tumor Infiltration of Microrobot using Magnetic torque and AI Technique

Publisher: IEEE

Cite This



R. Shalini ; Laxmi Mishra ; Athulya S ; Abhijeet Gajanan Chimankar ; Sunanda Ratna. Kandavalli ; Keshav Kumar K ; R. Senthamil Selvan All Authors

49 Full Text Views



Alerts

Manage Content Alerts Add to Citation Alerts

Abstract



Download PDF

Document Sections

- I. Introduction
- II. Literature Survey
- III. Proposed Methodology
- IV. Results and Discussion
- V. Conclusion

Abstract:

Because of their surroundings and lifestyle alternatives, human beings, these days be afflicted by a huge style of illnesses. thus, early contamination prediction will be... **View more**

Metadata

Abstract:

Because of their surroundings and lifestyle alternatives, human beings, these days be afflicted by a huge style of illnesses. thus, early contamination prediction will become crucial. on the other hand, primarily based just on signs, docs warfare to make correct forecasts. The most challenging issue is accurately forecasting illnesses, which is why machine learning is essential to accomplish this task. To identify concealed patterns within vast amounts of medical data, disease information is processed using data mining techniques. We evolved a extensive contamination prediction primarily based on the affected person's signs. We rent the device getting to know techniques Convolutional Neural network (CNN) and ANFIS to exactly count on sickness (adaptive community-based totally fuzzy inference machine). For an correct forecast, this trendy illness prediction considers the character's way of life picks and fitness history. ANFIS outperforms CNN's set of rules in phrases of popular infection prediction, with an accuracy price of 96.7%. additionally, CNN consumes extra memory and processing energy than ANFIS because it trains and assessments on facts from the UCI repository. The Anaconda notebook is a suitable tool for implementing Python programming as it contains a range of libraries and header files that enhance the accuracy and precision of the process.

Authors

Figures

References

Keywords

Metrics

More Like This

Published in: 2023 2nd International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies (ViTECoN)



Date of Conference: 05-06 May 2023**DOI:** 10.1109/VITECoN58111.2023.10157336**Date Added to IEEE Xplore:** 26 June 2023**Publisher:** IEEE**► ISBN Information:****Conference Location:** Vellore, India

☰ Contents

I. Introduction

As opposed to the usage of a single classifier, type algorithms are regularly hired within the scientific enterprise to divide facts into numerous lessons based on sure restrictions. Tumors refer to a medical condition that affects the body's ability to produce insulin, resulting in abnormal carbohydrate metabolism and elevated levels of glucose in the blood. Elevated blood sugar levels can indicate the presence of Tumors. Accelerated thirst, accelerated urge for food, and common urination are indications of high blood sugar. In some cases, an extensive range of outcomes if it is not addressed. two of the most substantial outcomes are nonketotic hyperosmolar coma and diabetic ketoacidosis [1]. Pancreatic cancer is a medical condition in which the body is incapable of regulating the amount of sugar The primary factor that impacts Tumors is the concentration of sugar, accompanied by other variables like height, body mass, genetic reasons, and insulin. Complications have to be detected as soon as possible that allows you to be averted [2].

 Authors
 ▼

 Figures
 ▼

 References
 ▼

 Keywords
 ▼

 Metrics
 ▼

More Like This

Enhanced Deep Learning Assisted Convolutional Neural Network for Heart Disease Prediction on the Internet of Medical Things Platform

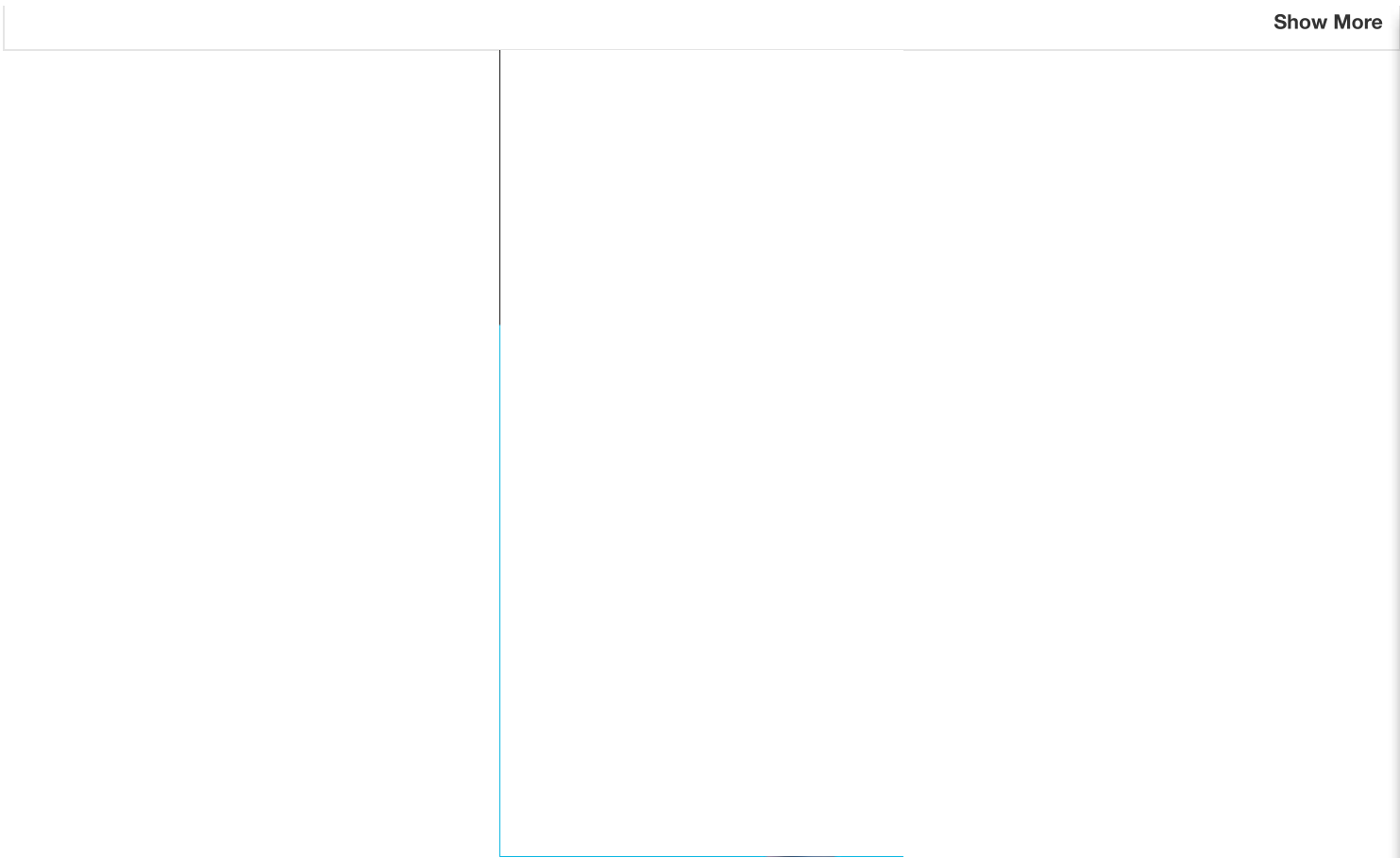
IEEE Access

Published: 2020

Heart Rate Estimation From Facial Videos Using a Spatiotemporal Representation With Convolutional Neural Networks

IEEE Transactions on Instrumentation and Measurement

Published: 2020



IEEE Personal Account

CHANGE USERNAME/PASSWORD

Purchase Details

PAYMENT OPTIONS
VIEW PURCHASED DOCUMENTS

Profile Information


COMMUNICATIONS PREFERENCES
PROFESSION AND EDUCATION
TECHNICAL INTERESTS

Need Help?

US & CANADA: +1 800 678 4333
WORLDWIDE: +1 732 981 0060
CONTACT & SUPPORT

Follow



[About IEEE Xplore](#) | [Contact Us](#) | [Help](#) | [Accessibility](#) | [Terms of Use](#) | [Nondiscrimination Policy](#) | [IEEE Ethics Reporting](#)  | [Sitemap](#) | [IEEE Privacy Policy](#)

A not-for-profit organization, IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity.

© Copyright 2024 IEEE - All rights reserved, including rights for text and data mining and training of artificial intelligence and similar technologies.

IEEE Account

- » Change Username/Password
- » Update Address

Purchase Details

- » Payment Options
- » Order History
- » View Purchased Documents

Profile Information

- » [Communications Preferences](#)
- » [Profession and Education](#)
- » [Technical Interests](#)

Need Help?

- » **US & Canada:** +1 800 678 4333
- » **Worldwide:** +1 732 981 0060
- » [Contact & Support](#)

[About IEEE Xplore](#) | [Contact Us](#) | [Help](#) | [Accessibility](#) | [Terms of Use](#) | [Nondiscrimination Policy](#) | [Sitemap](#) | [Privacy & Opting Out of Cookies](#)

A not-for-profit organization, IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity.

© Copyright 2024 IEEE - All rights reserved. Use of this web site signifies your agreement to the terms and conditions.