1. Record Nr. UNINA9910728946003321

Autore Guo Huaqun

Titolo IRC-SET 2022: Proceedings of the 8th IRC Conference on Science,

Engineering and Technology, August 2022, Singapore / / edited by Huaqun Guo, Ian McLoughlin, Eyasu Getahun Chekole, Umayal

Lakshmanan, Weizhi Meng, Peng Cheng Wang, Jiqiang Lu

Pubbl/distr/stampa Singapore:,: Springer Nature Singapore:,: Imprint: Springer,, 2023

ISBN 981-19-7222-2

Edizione [1st ed. 2023.]

Descrizione fisica 1 online resource (594 pages)

Altri autori (Persone) McLoughlinlan

ChekoleEyasu Getahun LakshmananUmayal

MengWeizhi

WangPeng Cheng

LuJiqiang

Disciplina 507.2

Soggetti Physics

Biomedical engineering

Machine learning Biomaterials Nanotechnology

Applied and Technical Physics

Biomedical Engineering and Bioengineering Biomedical Devices and Instrumentation

Machine Learning Nanoengineering

Lingua di pubblicazione Inglese

Formato Materiale a stampa

Livello bibliografico Monografia

Nota di contenuto Virtual Arm with Multimodal Biased feedback for Improving EEG Motor

Imagery Calibration Training -- Extracting Cellulose from Commonly Consumed and Wasted Asian Vegetables -- Hanging A Painting -- Carbon Monoxide Concentration in Atmosphere - A Review -- Self-Supervised Learning for 3D CT Scan Segmentation -- Evaluation of Calibration Paradigms to Improve Wearable EEG-based Attention

Sommario/riassunto

Recognition -- Reducing the Diagnostic Odyssey for Patients with NEUROMUSCULAR DISORDERS -- Honeypot for Cybersecurity Threat Intelligence -- Automatic Detection of Age-related Macular Degeneration from Optical Coherence Tomography Images.

This book highlights contemporary state of research in multidisciplinary areas in Physics, Biomedical Sciences, Chemical Engineering, Mechanical Engineering, Computer Science/Engineering, Life Sciences, and Healthcare. The accepted submissions to the 8th IRC Conference on Science, Engineering and Technology (IRC-SET 2022) that were presented on 6th August 2022, are published in this conference proceedings. The papers presented here were shortlisted after extensive rounds of rigorous reviews by a panel of esteemed individuals who are pioneers and experts in their respective domains.