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Altri autori (Persone)	McLoughlinlan <1956-> 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
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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

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.

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#### Sommario/riassunto

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This book highlights contemporary state of research in multi-disciplinary 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.

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