Special Issue

Computer Vision for Medical Informatics and Biometrics Applications

Message from the Guest Editor

Computer vision (CV) integration into medical informatics and biometric applications is essential for advancing medical research and improving healthcare delivery. The rapid development of artificial intelligence (AI) and CV has significantly improved diagnostic performance by enabling the early detection of diseases with high precision, thus identifying signs which are often too subtle for human perception. Similarly, biometric applications have greatly benefited from advancements in CV and AI research. The improvements in the accuracy, security, and reliability of biometric systems have wide-ranging implications across various sectors, including healthcare, finance, and law enforcement. In healthcare, for example, biometric systems enhance patient identification processes, ensuring the right care is provided to the right patient. In finance, they improve security measures for transactions, while, in law enforcement, they aid in accurate identification and tracking. In conclusion, the integration of CV and AI into medical informatics and biometrics applications represents a significant advancement in both fields.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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