

Special Issue

Big Data Driven Machine Learning and Deep Learning

Message from the Guest Editors

We are inviting submissions to the Special Issue on Big Data-Driven Machine Learning and Deep Learning. Machine learning constitutes the fundamental cornerstone of artificial intelligence (AI). Despite the remarkable achievements attained by contemporary generative deep learning across a spectrum of application scenarios, this does not signify that it represents the sole pathway for the advancement of AI. Presently, machine learning and deep learning methodologies are undergoing continuous evolution, and their irreplaceable role in specific specialized domains remains unchallenged. In particular, the integration with big data emerges as a pivotal direction in the future development of AI and has evolved into one of the prominent research frontiers in the current academic landscape. The main topics include computing models, Algorithms, framework and related applications and so on, as well as optimization and application of machine learning theory and big data.

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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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