Special Issue

Machine Learning Applications in Computer Vision, Data Modeling, and Natural Language Processing

Message from the Guest Editors

Over the last several years, the accessibility and availability of massive volumes of data have led to the widespread adoption of machine learning algorithms. Hence, the application of machine learning in industry, healthcare, education, transportation, and food is transforming the world. Among the wide range of research fields advanced by machine learning, computer vision, data modeling, and natural language processing are the most prominent. We welcome original contributions to this Special Issue dedicated to exploring the latest developments and innovative applications of machine learning in computer vision (e.g., image classification, object detection and tracking, semantic segmentation, 3D reconstruction, facial recognition); data modeling (e.g., time series forecasting, anomaly detection, generative modeling, feature engineering, clustering and dimensionality reduction); and natural language processing (e.g. information retrieval, information extraction, text classification, text generation, summarization, question answering, machine translation, sentiment analysis).

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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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