



Image Processing Based on Convolution Neural Network

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Message from the Guest Editors

This Special Issue aims to provide a platform for researchers to present innovative and effective image processing technologies based on CNNs. This includes addressing the following specific topics:

- Advancements in CNN-based image processing techniques;
- Integration of CNNs with other AI techniques for image processing;
- CNN architecture optimization for image processing;
- Mathematical models for CNN-based image processing;
- Security and privacy in image processing;
- Resource allocation optimization for CNNs in image processing tasks;
- Modeling, analysis, and measurement of computational and requirements for CNN-based image processing;
- Interpretable image processing with CNNs.





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Message from the Editorial Board

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