



Computational Intelligence in Image Processing and Pattern Recognition

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submissions:
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Message from the Guest Editors

Dear Colleagues,

The past decades have witnessed the great success of image processing and pattern recognition in many fields such as image denoising, image synthetization and translation, biometric recognition, etc. Automated image analysis and information extraction from mass real-world data have significantly increased productivity in practical engineering applications. Especially, deep learning and other advanced methods are accelerating the revolution. Computational intelligence will play a key role in the revolution due to its potential power in information processing, decision making and knowledge management.

This Special Issue will gather recent advances in both theoretical and practical studies of computational intelligence, emphasizing image processing and pattern recognition. Potential topics include, but are not limited to:

- Image processing, including morphology, filtering and enhancement, etc.;
- Supervised/semi-supervised/unsupervised learning;
- Reinforcement learning;
- Deep learning theory and applications;
- Pattern recognition;
- Computer vision;
- Natural language processing;
- Time-series analysis;
- Data mining.





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Message from the Editor-in-Chief

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