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Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 14359
Disciplina	006.6
Soggetti	Computer vision
	Artificial intelligence
	Computer engineering
	Computer networks
	Pattern recognition systems
	Computer Vision
	Artificial Intelligence
	Computer Engineering and Networks
	Automated Pattern Recognition
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Biological and Medical Image Processing: An efficient medical image fusion via online convolutional sparse coding with sample-dependent dictionary -- Multimodal Medical Image Fusion based on Multichannel Aggregated Network -- Multi-Path Feature Fusion and Channel Feature Pyramid for Brain Tumor Segmentation in MRI -- Near infrared video heart rate detection based on multi-region selection and robust principal component analysis- Neural video: A novel framework for interpreting the spatiotemporal activities of the human brain -- Local Fusion Synthetic CT Network for Improving the Quality of CBCT in Cervical Cancer Radiotherapy -- Causality-Inspired Source-Free Domain Adaptation for Medical Image Classification -- Pixel-Correlation-Based Scar Screening in Hypertrophic Myocardium -- Dictionary Matching Based 2D Thin Slice Generalized Slice-dithered

Enhanced Resolution (gSlider) Variable Flip Angle T1 Mapping -- Deep Low-rank Multimodal Fusion with Inter-modal Distribution Difference Constraint for ASD Diagnosis -- Cross-domain Tongue Image Segmentation based on Deep Adversarial Networks and Entropy Minimization -- Residual Inter-slice Feature Learning for 3D Organ Segmentation -- Color and Multispectral Processing: A Cross-paired Wavelet Based Spatiotemporal Fusion Network for Remote Sensing Images -- Coupled Dense Convolutional Neural Networks with Autoencoder For Unsupervised Hyperspectral Super Resolution -- Computational Imaging: Multi-scale Non-Local Bidirectional Fusion for Video Super-Resolution -- Multi-View and Stereoscopic Processing: Learning a Deep Fourier Channel Attention Generative Adversarial Network for Light Field Image Super-Resolution -- Synthesizing a large scene with multiple NeRFs -- Neural Implicit 3D Shapes from Single Images with Spatial Patterns -- Multimedia Security: Dense Visible Watermark Removal with Progressive Feature Propagation -- When Diffusion Model Meets with Adversarial Attack: Generating Transferable Adversarial Examples on Face Recognition -- TPM: Two-stage prediction mechanism for universal adversarial patch defense -- Surveillance and remote sensing: WSAD-Net: Weakly Supervised Anomaly Detection in Untrimmed Surveillance Videos -- Multi-object Tracking in Remote Sensing Video Based on Motion and Multi-scale Local Cost Volume -- Density Map Augmentation-based Point-to-point Vehicle Counting and Localization in Remote Sensing Imagery with Limited Resolution -- Large Window Attention based Transformer Network for Change Detection of Remote Sensing Images -- U-TEN:An Unsupervised Two-branch Enhancement Network for Object Detection under Complex-Light Condition -- Virtual Reality: Design of virtual assembly guidance system based on mixed reality -- Blind Omnidirectional Image Quality Assessment Based on Swin Transformer with Scanpath-Oriented -- Audio-visual Saliency for Omnidirectional Videos.

| Sommario/riassunto | The five-volume set LNCS 14355, 14356, 14357, 14358 and 14359 constitutes the refereed proceedings of the 12th International Conference on Image and Graphics, ICIG 2023, held in Nanjing, China, during September 22–24, 2023. The 166 papers presented in the proceedings set were carefully reviewed and selected from 409 submissions. They were organized in topical sections as follows: computer vision and pattern recognition; computer graphics and visualization; compression, transmission, retrieval; artificial intelligence; biological and medical image processing; color and multispectral processing; computational imaging; multi-view and stereoscopic processing; multimedia security; surveillance and remote sensing, and virtual reality. The ICIG 2023 is a biennial conference that focuses on innovative technologies of image, video and graphics processing and fostering innovation, entrepreneurship, and networking. It will feature world-class plenary speakers, exhibits, and high-quality peer reviewed oral and poster presentations. |