1. Record Nr. UNISA996466011003316

Titolo	Image Analysis and Recognition [[electronic resource]] : 13th International Conference, ICIAR 2016, in Memory of Mohamed Kamel, Póvoa de Varzim, Portugal, July 13-15, 2016, Proceedings / / edited by Aurélio Campilho, Fakhri Karray
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-41501-8
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XXI, 820 p. 337 illus.)
Collana	Image Processing, Computer Vision, Pattern Recognition, and Graphics ; ; 9730
Disciplina	006.6 006.37
Soggetti	Optical data processing Biometrics (Biology) Artificial intelligence Pattern recognition Computer security Data structures (Computer science) Image Processing and Computer Vision Biometrics Artificial Intelligence Pattern Recognition Systems and Data Security Data Structures and Information Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Adaptation Approaches in Unsupervised Learning: A Survey of the State-of-the-art and Future Directions -- Semi-supervised Dictionary Learning Based on Hilbert-Schmidt Independence Criterion -- Transferring and Compressing Convolutional Neural Networks for Face Representations -- High-Frequency Spectral Energy Map Estimation Based Gait Analysis System Using a Depth Camera for Pathology

Detection -- Combining low-level features of o_ine questionnaires for handwriting identification -- Person Profiling Using Image and Facial Attributes Analyses on Unconstrained Images Retrieved from Online Sources -- Palm Print Identification and Verification using a Genetic-based Feature Extraction Technique -- PCA-based Face recognition: Similarity Measures and Number of Eigenvectors -- Image Enhancement and Restoration Sinogram Restoration Using Confidence Maps to Reduce Metal Artifact in Computed Tomography -- Enhancement of a Turbulent Degraded Frame using 2D-DTW Averaging -- Denoising Multi-view Images Using Non-local Means with Different Similarity Measures -- Image Denoising Using Euler-Lagrange Equations for Function-Valued Mappings -- Run Time Performance Enhancement of a Superpixel Based Saliency Detection Model -- Total Variation Minimization for Measure-Valued Images with Diffusion Spectrum Imaging as Motivation -- Quality Assessment of Spectral Reproductions: the Camera's Perspective -- An Image Database for Design and Evaluation of Visual Quality Metrics in Synthetic Scenarios -- Perceptual Comparison of Multi-Exposure High Dynamic Range and Single-Shot Camera RAW Photographs -- Objective image quality measures of degradation in compressed natural images and their comparison with subjective assessments -- Cell Segmentation Using Level Set Methods with a New Variance Term -- Video Object Segmentation based on Superpixel Trajectories -- Automatic Nonlinear Filtering and Segmentation for Breast Ultrasound Images -- Phenotypic Integrated Framework for Classi_cation of ADHD using fMRI 197 -- Counting People in Crowded Scenes via Detection and Regression Fusion -- Multi-graph Based Salient Object Detection -- Analysis of temporal coherence in videos for action recognition -- Effectiveness of Camouage Make-up Patterns Against Face Detection Algorithms -- A Comparative Study of Vision-based Tra_c Signs Recognition -- A copy-move detection algorithm using binary gradient contours -- Object Detection and Localization using Deep Convolutional Networks with Softmax Activation and Multi-class Log Loss -- Clustering-Based Abnormal Event Detection: Experimental Comparison for Similarity Measures' Efficiency -- Improved DSP Matching with RPCA for Dense Correspondences -- Bio-Inspired Boosting for Moving Objects Segmentation -- A Lightweight Face Tracking System for Video Surveillance -- Single Droplet Tracking in Jet Flow -- Video Based Group Tracking and Management -- Calibration of Shared Flat Refractive Stereo Systems -- 3D Structured Light Scanner on the Smartphone -- Stereo and active-sensor data fusion for improved stereo Block Matching -- Dense Light Disparity Estimation using Total Variation Regularization -- Target Position and Speed Estimation using LiDAR -- Combining Shape And Color for 3D Object Recognition -- Privacy-Preserving Fall Detection in Healthcare using Shape and Motion Features from Low-Resolution RGB-D Videos -- Proprioceptive Visual Tracking of a Humanoid Robot Head Motion -- A Hybrid Top-down Bottom-up Approach for the Detection of Cuboid Shaped Objects -- The Impact of Convergence Cameras in a Stereoscopic System for AUVs -- Gender recognition from face images using a fusion of SVM classifiers -- Kinship Verification from Faces via Similarity Metric Based Combination of topological and local shape features for writer's gender, handedness and age classification -- Selection of User-Dependent Cohorts using Bezier Curves for Person Bag of Visual Words Approach for Bleeding Detection in Wireless Capsule Endoscopy Images -- A self-learning tumor segmentation method on DCE-MRI images.

Sommario/riassunto

This book constitutes the thoroughly refereed proceedings of the 13th International Conference on Image Analysis and Recognition, ICIAR

	2016, held in Póvoa de Varzim, Portugal, in July 2016. The 79 revised full papers and 10 short papers presented were carefully reviewed and selected from 167 submissions. The papers are organized in the following topical sections: Advances in Data Analytics and Pattern Recognition with Applications, Image Enhancement and Restoration, Image Quality Assessment, Image Segmentation, Pattern Analysis and Recognition, Feature Extraction, Detection and Recognition, Matching, Motion and Tracking, 3D Computer Vision, RGB-D Camera Applications, Visual Perception in Robotics, Biometrics, Biomedical Imaging, Brain Imaging, Cardiovascular Image Analysis, Image Analysis in Ophthalmology, Document Analysis, Applications, and Obituaries. The chapter 'Morphological Separation of Clustered Nuclei in Histological Images' is published open access under a CC BY 4.0 license at link.springer.com. .

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Record Nr.	UNINA9910790070103321
Autore	Polakof Sergio
Titolo	Brain glucosensing [[electronic resource]] : physiological implications / / Sergio Polakof
Pubbl/distr/stampa	Hauppauge, NY, : Nova Science Publishers, c2010
ISBN	1-61761-701-6
Descrizione fisica	1 online resource (79 p.)
Collana	Neurology - laboratory and clinical research developments
Disciplina	572/.565
Soggetti	Glucose - Metabolism Brain Neurochemistry Homeostasis Blood glucose
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""BRAIN GLUCOSENSING: PHYSIOLOGICAL IMPLICATIONS ""; ""BRAIN GLUCOSENSING: PHYSIOLOGICAL IMPLICATIONS""; ""Contents""; ""Preface""; ""Introduction""; ""Glucose Metabolism in the Brain""; ""Sites