

NCVPRIPG 2019 Accepted Papers List

Paper ID	Oral/Spotlight	Paper Title
18	Spotlight	RECAL: Reuse of Established CNN classifier Apropos unsupervised Learning paradigm
20	Spotlight	Pose Estimation of UAVs using Stereovision
29	Spotlight	Rejection-Cascade of Gaussians: Real-time adaptive background subtraction framework
34	Spotlight	U-RME: Underwater Refined Motion Estimation in hazy, cluttered and dynamic environments
40	Spotlight	Emphasizing Similar Feature Representations to Defend against Adversarial Attacks
45	Spotlight	Hybrid Resection-Intersection method for real-time Bundle Adjustment on mobile devices
53	Spotlight	DocDescriptor : Digits + Alphabets + Math Symbols - A complete OCR for handwritten documents
60	Spotlight	Non-contextual Long-Term Person Re-ID Under Sudden Illumination Conditions
69	Spotlight	Artificially Intelligent Game Framework Based on Facial Expression Recognition
76	Spotlight	A Performance Evaluation of Loss Functions for Deep Face Recognition
92	Spotlight	iSalGAN - Improvised Saliency GAN
125	Spotlight	Putting Jewellery and Accessories on a 3D FaceModel
128	Spotlight	Motion-constrained Generative Adversarial Network for Anomaly Detection
155	Spotlight	Performance analysis and Optimization of Serialization techniques for Deep Neural Networks
168	Spotlight	Learning To Generate Atmospheric Turbulence
39	Spotlight	Automatic Text Localization in Scene Images: A Transfer Learning Based Approach
51	Spotlight	Automated Detection of Mine Water Bodies using Landsat 8 OLI/TIRS in Jharia
62	Spotlight	Deep learning-based Bangla isolated character recognition from online and offline data
71	Spotlight	Super Resolution Land Cover Mapping using Deep Multi Scale Residual Dense Network
84	Spotlight	Fundus Image Quality Assessment through Analysis of Illumination, Naturalness, and Structure Level
93	Spotlight	CaReNet: CapsNet based Regression Network
118	Spotlight	Detector-SegMentor Network for Skin Lesion Localization and Segmentation
136	Spotlight	Choroid disease classification using Convolutional Neural Network
191	Spotlight	Hyper Vision Net: Kidney Tumor Segmentation Using Coordinate Convolutional Layer and Attention Unit
201	Spotlight	Texture classification by Local Rajan Transform based descriptor
143	Spotlight	Analyzing Image Classification via EEG
148	Spotlight	Relocalization of Camera in a 3D Map on Memory Restricted Devices
178	Spotlight	Scene Understanding in Night-Time using SSAN Dataset
181	Spotlight	A Framework for Lane Prediction based on Vehicle Detection and Tracking

180	Spotlight	Deep learn Bananas: a Transfer Learning for Banana Variety Classification
38	Oral	Fast Stereo Depth Estimation in Smartphone Devices with Narrow Baseline
124	Oral	Single Storage Semi-Global Matching for Real Time Depth Processing
156	Oral	SynCGAN: Using learnable class specific priors to generate synthetic data for improving classifier performance on cytological images
192	Oral	Fish-eye image based cross traffic alert system
203	Oral	Evidence Based Image Selection for 3D Reconstruction
204	Oral	Domain Decomposition Based Preconditioned Solver for Bundle Adjustment
17	Oral	Deep dictionary learning for inpainting
25	Oral	A Robust Pose Transformational GAN for Pose Guided Person Image Synthesis
83	Oral	Structure Preserving Image Inpainting using Edge Priors with Contextual Attention
96	Oral	Exploring Temporal Differences in 3D Convolutional Neural Networks
106	Oral	PoshakNet: Framework for matching dresses from real life photos using GAN and Siamese Network
111	Oral	Unsupervised Domain Adaptation for Remote Sensing Images Using Metric Learning and Correlation Alignment
175	Oral	Computationally Efficient Super-Resolution Approach for Real-World Images
188	Oral	Accurate Damage Dimension Estimation in AI driven Vehicle Inspection System
206	Oral	A Deep Learning based Framework for Distracted Driver Detection
5	Oral	Document Image Binarization using U-Net
8	Oral	Towards Faster Offline Handwriting Recognition using Temporal Convolution Networks
81	Oral	Recognition of Gurmukhi signboard image classes based on static and dynamic feature sets
97	Oral	A Row based Similarity Measure for Tabular Structure Detection from Document Images
131	Oral	Segmentation and enhancement of mammograms using Gradient weight map and de-correlation stretch
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144	Oral	SoildNet: Soiling Degradation Detection in Autonomous Driving
147	Oral	Compressive sensing based privacy for fall detection
161	Oral	Indian plant recognition in the wild
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200	Oral	Dear Commissioner, please fix these: Ascalable system for inspecting road infrastructure