

List of Presented Researches

Faculty	Title of Article
Alon, Alvin S.	Empirical Analysis of a Fine-Tuned Deep Convolutional Model in Classifying and Detecting Malaria Parasites from Blood Smears
	Detection of Underwater Marine Plastic Debris Using an Augmented Low Sample Size Dataset for Machine Vision System: A Deep Transfer Learning Approach
	Indoor Human Fall Detection Using Data Augmentation-Assisted Transfer Learning in an Aging Population for Smart Homecare: A Deep Convolutional Neural Network Approach
	Drive-Awake: A YOLOv3 Machine Vision Inference Approach of Eyes Closure for Drowsy Driving Detection
	Mask-Vision: A Machine Vision-Based Inference System of Face Mask Detection for Monitoring Health Protocol Safety
	Abandoned-Cart-Vision: Abandoned Cart Detection Using a Deep Object Detection Approach in a Shopping Parking Space
	Watercraft-Net: A Deep Inference Vision Approach of Watercraft Detection for Maritime Surveillance System Using Optical Aerial Images
	Shark-EYE: A Deep Inference Convolutional Neural Network of Shark Detection for Underwater Diving Surveillance
	A Development of Fuzzy Logic Expert-Based Recommender System for Improving Students' Employability
	EyeBill-PH: A Machine Vision of Assistive Philippine Bill Recognition Device for Visually Impaired
Tree Detection using Genus-Specific RetinaNet from Orthophoto for Segmentation Access of Airborne LiDAR Data	

	Wireless Hand Gesture Recognition for an Automatic Fan Speed Control System: Rule-Based Approach
Sarmiento, Jeffrey S.	Machine Learning Estimation for Course Enrollment using Logistic Regression
	Non-Destructive Detection of Bridge Deck Pavement Bonding Through Impact Sound and Principal Component Analysis
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