ICAROB2022 DOIs List

ID	DOI	URL	Title
GS1-1	10.5954/ICAROB.2022.GS1-1	https://www.doi.org/10.5954/ICAROB.2022.GS1-1	Design of local linear models using Self tuning Control System for PID Tuning According to error
GS1-2	10.5954/ICAROB.2022.GS1-2	https://www.doi.org/10.5954/ICAROB.2022.GS1-2	A Systematic Analysis of the Knee Support Exoskeleton Based on Multibody Dynamics Toward Personalization with 3D printed Spring-Damper Components
GS1-3	10.5954/ICAROB.2022.GS1-3	https://www.doi.org/10.5954/ICAROB.2022.GS1-3	A Drone-Based Concrete Crack Inspection System by Using Morphological Component Analysis and Sub-Pixel Width Estimation
GS1-4	10.5954/ICAROB.2022.GS1-4	https://www.doi.org/10.5954/ICAROB.2022.GS1-4	A Systematic Geometric Design Method of Flexible Bars Available for Personalized Knee Orthoses with Spring-Damper Functions
GS1-5	10.5954/ICAROB.2022.GS1-5	https://www.doi.org/10.5954/ICAROB.2022.GS1-5	State-space modeling of motion of fingers measured by Leap Motion Controller
GS1-6	10.5954/ICAROB.2022.GS1-6	https://www.doi.org/10.5954/ICAROB.2022.GS1-6	Applicability Verification of iWakka Game to Children with Developmental Coordination Disorder
GS2-1	10.5954/ICAROB.2022.GS2-1	https://www.doi.org/10.5954/ICAROB.2022.GS2-1	A basic study of how to exchange work shifts using reinforcement learning on a constructive nurse scheduling system
GS2-2	10.5954/ICAROB.2022.GS2-2	https://www.doi.org/10.5954/ICAROB.2022.GS2-2	Developing Machine Learning and Deep Learning Models for Customer Churn Prediction in Telecommunication Industry*
GS2-3	10.5954/ICAROB.2022.GS2-3	https://www.doi.org/10.5954/ICAROB.2022.GS2-3	Liver Segmentation in CT Images Using Residual U-Net and 3D CRF
GS2-4	10.5954/ICAROB.2022.GS2-4	https://www.doi.org/10.5954/ICAROB.2022.GS2-4	Judgement on Shunt Sounds from Vascular Access using YOLO Deep Learning Model
GS2-5	10.5954/ICAROB.2022.GS2-5	https://www.doi.org/10.5954/ICAROB.2022.GS2-5	Research of Classification of Palmprint Based on Deep Learning
GS3-1	10.5954/ICAROB.2022.GS3-1	https://www.doi.org/10.5954/ICAROB.2022.GS3-1	A Three-Dimensional Design of the Multi-material Joint System to Realize a Structural Spring-Damper Compliant Mechanism with Versatility in Engineering Fields
GS3-2	10.5954/ICAROB.2022.GS3-2	https://www.doi.org/10.5954/ICAROB.2022.GS3-2	Haptic Device that Presents Sensation Corresponding to Palm on Back of Hand for Teleoperation of Robot Hand Report 5: Verification of development device specifications
GS3-3	10.5954/ICAROB.2022.GS3-3	https://www.doi.org/10.5954/ICAROB.2022.GS3-3	HBV Epidemic Control Using Time-Varying Sliding Mode Control Method
GS4-1	10.5954/ICAROB.2022.GS4-1	https://www.doi.org/10.5954/ICAROB.2022.GS4-1	Blockchain Technology for Halal Supply Chain Management*
GS4-2	10.5954/ICAROB.2022.GS4-2	https://www.doi.org/10.5954/ICAROB.2022.GS4-2	Smart Tourism Guide Application Using Location-Based Services-Go.Travel
GS4-3	10.5954/ICAROB.2022.GS4-3	https://www.doi.org/10.5954/ICAROB.2022.GS4-3	Gesturenomy: Touchless Restaurant Menu Using Hand Gesture Recognition
IS1-1 IS1-2	10.5954/ICAROB.2022.IS1-1 10.5954/ICAROB.2022.IS1-2	https://www.doi.org/10.5954/ICAROB.2022.IS1-1 https://www.doi.org/10.5954/ICAROB.2022.IS1-2	Tiler. A physical to virtual control system implementing an art-based game
IS2-1	10.5954/ICAROB.2022.IS2-1	https://www.doi.org/10.5954/ICAROB.2022.IS2-1	Creative Multisensory Environments Using GrowBots to Study Heat and Nutrient Stress in Basil
IS2-2	10.5954/ICAROB.2022.IS2-2	https://www.doi.org/10.5954/ICAROB.2022.IS2-2	Convolutional Neural Network for Studying Plant Nutrient Deficiencies
N-1	10.5954/ICAROB.2022.N-1	https://www.doi.org/10.5954/ICAROB.2022.N-1	Compact Ultra-Wideband Slotted Microstrip Patch Antenna for 5G, IoT and RFID Applications
N-2	10.5954/ICAROB.2022.N-2	https://www.doi.org/10.5954/ICAROB.2022.N-2	Drone Performance Analysis Based on SNR Factor
OS1-1	10.5954/ICAROB.2022.OS1-1	https://www.doi.org/10.5954/ICAROB.2022.OS1-1	Generation of Checkered Pattern Images Using Prewitt Filter from RGB-D Images
OS1-2	10.5954/ICAROB.2022.OS1-2	https://www.doi.org/10.5954/ICAROB.2022.OS1-2	An Approach of Analyzing Movement Patterns Using Word Embeddings from Geo- tagged Tweets
OS1-3	10.5954/ICAROB.2022.OS1-3	https://www.doi.org/10.5954/ICAROB.2022.OS1-3	A Proposal of a Software Defect Predication System Using SOM
OS1-4	10.5954/ICAROB.2022.OS1-4	https://www.doi.org/10.5954/ICAROB.2022.OS1-4	Mapping the Motion of Highly-inclined Triple System into a Secular Perturbation Model
OS2-1	10.5954/ICAROB.2022.OS2-1	https://www.doi.org/10.5954/ICAROB.2022.OS2-1	Measuring the entire degree centrality in Yokokai
OS2-2 OS2-3	10.5954/ICAROB.2022.OS2-2 10.5954/ICAROB.2022.OS2-3	https://www.doi.org/10.5954/ICAROB.2022.OS2-2 https://www.doi.org/10.5954/ICAROB.2022.OS2-3	A comparative study on Michinoeki's efficiency in Japan The R&D Direction and Business Strategy: The case study on the cooperation of EV
OS2-4	10.5954/ICAROB.2022.OS2-4	https://www.doi.org/10.5954/ICAROB.2022.OS2-4	and battery makers Discovering the relationship between tourists and tourist spots in Japan
OS3-1	10.5954/ICAROB.2022.OS3-1	https://www.doi.org/10.5954/ICAROB.2022.OS3-1	A Distributed Optimal Formation Control for Multi-Agent System of UAVS A Design of Multi-Agent System Simulation Platform Based on Unmanned Ground
OS3-2	10.5954/ICAROB.2022.OS3-2	https://www.doi.org/10.5954/ICAROB.2022.OS3-2	Vehicles and A Research on Formation Control Protocol
OS3-3	10.5954/ICAROB.2022.OS3-3	https://www.doi.org/10.5954/ICAROB.2022.OS3-3	A Study of Weighted Average Method for Multi-sensor Data Fusion
OS3-4	10.5954/ICAROB.2022.OS3-4	https://www.doi.org/10.5954/ICAROB.2022.OS3-4	A Design of Wide-angle Open and Close Multifunctional Smart Windows
OS3-5	10.5954/ICAROB.2022.OS3-5	https://www.doi.org/10.5954/ICAROB.2022.OS3-5	A Low-intensity Laser Control System Design
OS3-6	10.5954/ICAROB.2022.OS3-6	https://www.doi.org/10.5954/ICAROB.2022.OS3-6	A Review of Machine Vision Based Fruit Recognition Applications
OS4-1 OS4-2	10.5954/ICAROB.2022.OS4-1 10.5954/ICAROB.2022.OS4-2	https://www.doi.org/10.5954/ICAROB.2022.OS4-1 https://www.doi.org/10.5954/ICAROB.2022.OS4-2	A Research on Image Dehazing Technology for Image Enhancement
0S4-2 0S4-3	10.5954/ICAROB.2022.0S4-2 10.5954/ICAROB.2022.0S4-3	https://www.doi.org/10.5954/ICAROB.2022.054-2	Design of Intelligent Daylily Picking Robot 50KN Compression Spring Fatigue Testing Machine Design
OS4-4	10.5954/ICAROB.2022.OS4-4	https://www.doi.org/10.5954/ICAROB.2022.0S4-4	New Intelligent Unmanned Retail Shopping Container Design
OS4-5	10.5954/ICAROB.2022.OS4-5	https://www.doi.org/10.5954/ICAROB.2022.OS4-5	Java - based Dream Cloud ERP System - Inventory Management Subsystem Design and Implementation
OS5-1	10.5954/ICAROB.2022.OS5-1	https://www.doi.org/10.5954/ICAROB.2022.OS5-1	Geometry Structure Oriented Nonlinear Internal Model Based Manifold Consensus
	1	https://www.doi.org/10.5954/ICAROB.2022.OS5-2	Consensus Control of Linear Discrete-time Multi-agent Systems with Limited Communication Data Rate
	10.5954/ICAROB.2022.OS5-2		
	10.5954/ICAROB.2022.OS5-2 10.5954/ICAROB.2022.OS5-3	https://www.doi.org/10.5954/ICAROB.2022.OS5-3	Formation control for rectangular agents with communication maintenance and collision avoidance
OS5-2 OS5-3		https://www.doi.org/10.5954/ICAROB.2022.OS5-3 https://www.doi.org/10.5954/ICAROB.2022.OS5-4	
OS5-2	10.5954/ICAROB.2022.OS5-3		collision avoidance

OS6-2	10.5954/ICAROB.2022.OS6-2	https://www.doi.org/10.5954/ICAROB.2022.0S6-2	An Image Coding Algorithm with Color Constancy Using the Retinex Theory and the
030 2	10.3334/ TOAROB.2022.030 2	Intps://www.doi.org/10.3334/ IOANOB.2022.030 2	Naka-Rushton Equation
OS6-3	10.5954/ICAROB.2022.OS6-3	https://www.doi.org/10.5954/ICAROB.2022.OS6-3	A Fast Image Sensor System with an Efficient Multi-Scale Gaussian Filtering Circuit
OS6-4	10.5954/ICAROB.2022.OS6-4	https://www.doi.org/10.5954/ICAROB.2022.OS6-4	A Robotic vision system emulating fixational eye movements and retinal sampling
OS6-5	10.5954/ICAROB.2022.OS6-5	https://www.doi.org/10.5954/ICAROB.2022.OS6-5	A bench-test system of the visual prostheses utilizing retino-morphic spikes as the driver signals of intracortical microstimulation
OS7-1	10.5954/ICAROB.2022.OS7-1	https://www.doi.org/10.5954/ICAROB.2022.OS7-1	Data expansion method by combining unnecessary sentence deletion and most important sentence addition
OS7-2	10.5954/ICAROB.2022.OS7-2	https://www.doi.org/10.5954/ICAROB.2022.OS7-2	Evaluation of a system that the reading of sentences by a voice synthesizer and the highlighting sentences
OS7-3	10.5954/ICAROB.2022.OS7-3	https://www.doi.org/10.5954/ICAROB.2022.OS7-3	Mouse Cursor Control System using Eye Gaze and Detection of Eye Opening and Closing
OS7-4	10.5954/ICAROB.2022.OS7-4	https://www.doi.org/10.5954/ICAROB.2022.OS7-4	Music Recommendation System Driven by Facial Expression Recognition
OS8-1	10.5954/ICAROB.2022.OS8-1	https://www.doi.org/10.5954/ICAROB.2022.OS8-1	A Portable Electrocardiograph System Design based on STM32 Chip
OS8-2	10.5954/ICAROB.2022.OS8-2	https://www.doi.org/10.5954/ICAROB.2022.0S8-2	Design and Development of The Parking Space Autonomous Management System
OS8-3 OS8-4	10.5954/ICAROB.2022.OS8-3 10.5954/ICAROB.2022.OS8-4	https://www.doi.org/10.5954/ICAROB.2022.OS8-3 https://www.doi.org/10.5954/ICAROB.2022.OS8-4	An Overview of Obstacle Avoidance Methods for Unmanned Vehicles Synchronization of Novel 5D Hyperchaotic Systems
OS9-1	10.5954/ICAROB.2022.OS9-1	https://www.doi.org/10.5954/ICAROB.2022.OS9-1	Design of Analog Electromagnetic Gun Based on Arduino
OS9-2	10.5954/ICAROB.2022.OS9-2	https://www.doi.org/10.5954/ICAROB.2022.OS9-2	A Design of Intelligent House Inspection Robot
OS9-3	10.5954/ICAROB.2022.OS9-3	https://www.doi.org/10.5954/ICAROB.2022.OS9-3	A Design of Embedded Plate & Ball Control System Based on Machine Vision
OS9-4	10.5954/ICAROB.2022.OS9-4	https://www.doi.org/10.5954/ICAROB.2022.OS9-4	Design of Blood Circulation System of Medical Simulation Robot
OS9-5	10.5954/ICAROB.2022.OS9-5	https://www.doi.org/10.5954/ICAROB.2022.OS9-5	A Design of Dynamic Exoskeleton for Self-learning Human Movements
OS9-6	10.5954/ICAROB.2022.OS9-6	https://www.doi.org/10.5954/ICAROB.2022.OS9-6	Autonomous Navigation Building Climbing And Handing Robot Based on SLAM
OS9-7	10.5954/ICAROB.2022.OS9-7	https://www.doi.org/10.5954/ICAROB.2022.OS9-7	Simulation Research on Automatic Navigation of Indoor Wheelchair
OS9-8 OS9-9	10.5954/ICAROB.2022.OS9-8	https://www.doi.org/10.5954/ICAROB.2022.OS9-8 https://www.doi.org/10.5954/ICAROB.2022.OS9-9	Design of a Humanoid Dance Robot for Dancing Baduanjin
OS9-9	10.5954/ICAROB.2022.OS9-9 10.5954/ICAROB.2022.OS9-10	https://www.doi.org/10.5954/ICAROB.2022.OS9-9	Design of Intelligent Shading System Suitable for Parenting Products Design of Intelligent Personalized Nutrition Supplement Machine
OS10-1	10.5954/ICAROB.2022.OS10-1	https://www.doi.org/10.5954/ICAROB.2022.OS10-1	N-Switch and All-Path Test Coverage Criterion for Extended Finite State Machine
OS10-2	10.5954/ICAROB.2022.OS10-2	https://www.doi.org/10.5954/ICAROB.2022.OS10-2	Proposal of a Method to Generate Classes and Instance Variable Definitions in the VDM++ Specification from Natural Language Specification
OS10-3	10.5954/ICAROB.2022.OS10-3	https://www.doi.org/10.5954/ICAROB.2022.OS10-3	Expansion of Application Scope and Addition of a Function for Operations into BWDM to Generate Test Cases from VDM++ Specification
	10.5954/ICAROB.2022.OS10-4	https://www.doi.org/10.5954/ICAROB.2022.OS10-4	Proposal of Gamma Which Is a Spatial Data Sharing Distributed MQTT System
	10.5954/ICAROB.2022.OS11-1	https://www.doi.org/10.5954/ICAROB.2022.OS11-1 https://www.doi.org/10.5954/ICAROB.2022.OS11-2	Human-vehicle detection based on YOLOv5
	10.5954/ICAROB.2022.OS11-2 10.5954/ICAROB.2022.OS11-3	https://www.doi.org/10.5954/ICAROB.2022.0S11-2	Low light enhancement CNN Network based on attention mechanism Fruit Recognition Based on YOLOX*
	10.5954/ICAROB.2022.OS11-4	https://www.doi.org/10.5954/ICAROB.2022.OS11-4	An Improved Small Target Detection Method Based on YOLOv4*
	10.5954/ICAROB.2022.OS11-5	https://www.doi.org/10.5954/ICAROB.2022.OS11-5	Yolov5-DP: A New Method for Detecting Pedestrian Aggregation
	10.5954/ICAROB.2022.OS11-6	https://www.doi.org/10.5954/ICAROB.2022.OS11-6	Flame Recognition based on Yolov5 Algorithm
	10.5954/ICAROB.2022.OS11-7 10.5954/ICAROB.2022.OS11-8	https://www.doi.org/10.5954/ICAROB.2022.OS11-7 https://www.doi.org/10.5954/ICAROB.2022.OS11-8	Research on Face Detection Algorithm Based on Improved YOLOv5 Visibility Analysis Based on Deep Learning
	10.5954/ICAROB.2022.OS11-9	https://www.doi.org/10.5954/ICAROB.2022.0S11-9	*Price Prediction of Diamonds
OS12-1	10.5954/ICAROB.2022.OS12-1	https://www.doi.org/10.5954/ICAROB.2022.OS12-1	Research on an AGV path planning method
OS12-2	10.5954/ICAROB.2022.OS12-2	https://www.doi.org/10.5954/ICAROB.2022.OS12-2	Boiler level measurement and control system
	10.5954/ICAROB.2022.OS12-3	https://www.doi.org/10.5954/ICAROB.2022.OS12-3	Recurrence quantification and time-frequency analysis of two-phase flow patterns *
OS12-4 OS12-5	10.5954/ICAROB.2022.OS12-4 10.5954/ICAROB.2022.OS12-5	https://www.doi.org/10.5954/ICAROB.2022.OS12-4 https://www.doi.org/10.5954/ICAROB.2022.OS12-5	Application of Deep Learning in Automatic Driving An intelligent home security system based on STM32
OS12-6	10.5954/ICAROB.2022.0S12-6	https://www.doi.org/10.5954/ICAROB.2022.0S12-6	Design of Smart Bracelet Based on STM32 Microcontroller *
	10.5954/ICAROB.2022.OS12-7	https://www.doi.org/10.5954/ICAROB.2022.OS12-7	The Design of Material Conveying and Automatic Sorting Control System Based on PLC
OS12-8	10.5954/ICAROB.2022.OS12-8	https://www.doi.org/10.5954/ICAROB.2022.OS12-8	Image Reconstruction Based on ResV-Net for Electrical Impedance Tomography
OS13-1	10.5954/ICAROB.2022.OS13-1	https://www.doi.org/10.5954/ICAROB.2022.OS13-1	Basic Study on Design Tool of Hula Costumes
		https://www.doi.org/10.5954/ICAROB.2022.OS13-2	Basic Study on the Use of XR Technology to Support Science Education
OS13-3	10.5954/ICAROB.2022.0S13-3	https://www.doi.org/10.5954/ICAROB.2022.0S13-3	Analysis of 5x5 board Quoridor
OS13-4 OS13-5	10.5954/ICAROB.2022.OS13-4 10.5954/ICAROB.2022.OS13-5	https://www.doi.org/10.5954/ICAROB.2022.OS13-4 https://www.doi.org/10.5954/ICAROB.2022.OS13-5	A perfect play in $47 \cdot 2$ board of Othello Parallel full-wave electromagnetic field analysis based on domain decomposition
OS14-1	10.5954/ICAROB.2022.OS14-1	https://www.doi.org/10.5954/ICAROB.2022.OS14-1	method A Mutual Control Method for a Multi-layered Non-contact Impedance Model-based
0S14-1	10.5954/ICAROB.2022.OS14-1 10.5954/ICAROB.2022.OS14-2	https://www.doi.org/10.5954/ICAROB.2022.0S14-1	Mobile Robots Relationship Between Delay Time and Sensation in Tactile Feedback for Myoelectric
		https://www.doi.org/10.5954/ICAROB.2022.0S14-2	Prosthesis Effects of Tactile Stimulation Near the Auricle on Body Sway During Foot Stamping
	10.5954/ICAROB.2022.OS14-3		Effects of Tactile Stimulation Near the Auricle on Body Sway During Foot Stamping
OS14-4 OS15-1	10.5954/ICAROB.2022.OS14-4 10.5954/ICAROB.2022.OS15-1	https://www.doi.org/10.5954/ICAROB.2022.OS14-4 https://www.doi.org/10.5954/ICAROB.2022.OS15-1	A Monitoring System of a Hamster Based on Video Image Analysis
OS15-1	10.5954/ICAROB.2022.0S15-1 10.5954/ICAROB.2022.0S15-2	https://www.doi.org/10.5954/ICAROB.2022.0S15-1	INT8 Activation Ternary or Binary Weights Networks A parameter tuning method for PQN model
	10.5954/ICAROB.2022.OS15-3	https://www.doi.org/10.5954/ICAROB.2022.OS15-3	Hardware Development of Edge-Preserving Bubble Image Conversion in High-level
			Synthesis
OS15-4	10.5954/ICAROB.2022.OS15-4	https://www.doi.org/10.5954/ICAROB.2022.OS15-4	Development of Haze Removing Hardware Using High-Level Synthesis

0015 5	10.5954/ICAROB.2022.OS15-5	https://www.doi.org/10.5954/ICAROB.2022.OS15-5	A thought Annual making of Delimiting Change union Delimit Claude
0S15-5	10.5954/ICAROB.2022.OS16-1	https://www.doi.org/10.5954/ICAROB.2022.OS15-5	Automatic Approximation of Primitive Shapes using Point Clouds Motion Planning to Retrieve an Object from Random Pile
	10.5954/ICAROB.2022.0S16-2	https://www.doi.org/10.5954/ICAROB.2022.OS16-2	Design of Two-sided Gripper for Bin Picking
OS16-3	10.5954/ICAROB.2022.OS16-3	https://www.doi.org/10.5954/ICAROB.2022.OS16-3	Training Data Augmentation for Semantic Segmentation of Food Images Using Deep Learning
OS16-4	10.5954/ICAROB.2022.OS16-4	https://www.doi.org/10.5954/ICAROB.2022.OS16-4	Suitable Error Recovery Process using Combined Evaluation Standards in Robotic Manufacturing Plant
OS17-1	10.5954/ICAROB.2022.OS17-1	https://www.doi.org/10.5954/ICAROB.2022.OS17-1	Experience in Efficient Real Office Environment Modelling in Gazebo: a Tutorial
OS17-2	10.5954/ICAROB.2022.OS17-2	https://www.doi.org/10.5954/ICAROB.2022.OS17-2	Graphical User Interface Design for a UAV Teleoperation
		https://www.doi.org/10.5954/ICAROB.2022.OS17-3	Numerical Solution Approach for the ROBOTIS OP2 Humanoid Hand Inverse
OS17-3			Kinematics
OS17-4	10.5954/ICAROB.2022.OS17-4	https://www.doi.org/10.5954/ICAROB.2022.OS17-4	Alvus Modeling in Gazebo
OS17-5	10.5954/ICAROB.2022.OS17-5	https://www.doi.org/10.5954/ICAROB.2022.OS17-5	Testing Procedures Architecture for Establishing a Fiducial Marker Recognition Quality in UAV-based Visual Marker Tracking Task in Gazebo Simulator
OS17-6	10.5954/ICAROB.2022.OS17-6	https://www.doi.org/10.5954/ICAROB.2022.OS17-6	Feature Importance Evaluation Method for Multi-Agent Deep Reinforcement Learning in Advanced Robotics Task Allocation
OS17-7	10.5954/ICAROB.2022.OS17-7	https://www.doi.org/10.5954/ICAROB.2022.OS17-7	Iterative Method of Labor Division for Multi-Robotic Systems
OS17-8	10.5954/ICAROB.2022.OS17-8	https://www.doi.org/10.5954/ICAROB.2022.OS17-8	Development of Bowling Machine Using VEX IQ
OS18-1	10.5954/ICAROB.2022.OS18-1	https://www.doi.org/10.5954/ICAROB.2022.OS18-1	An Acoustic Artificial Life System Using the Game of Life and its Application for Performing Arts
OS18-2	10.5954/ICAROB.2022.OS18-2	https://www.doi.org/10.5954/ICAROB.2022.OS18-2	The Effect of Non-audible Low Frequency, Deep Micro Vibrotactile, DMV Sounds on
			Music
OS18-3	10.5954/ICAROB.2022.OS18-3	https://www.doi.org/10.5954/ICAROB.2022.OS18-3	Response of Yeast to Low Frequency Sound Exposure Online Deep Reinforcement Learning on Assigned Weight Spaghetti Grasping in One
OS19-1	10.5954/ICAROB.2022.OS19-1	https://www.doi.org/10.5954/ICAROB.2022.OS19-1	Unline Deep Reinforcement Learning on Assigned Weight Spagnetti Grasping in One Time using Soft Actor-Critic
			The research about editing system of performance information for player piano
OS19-2	10.5954/ICAROB.2022.OS19-2	https://www.doi.org/10.5954/ICAROB.2022.OS19-2	Inference in the same phrase including ostinato-
OS19-3	10.5954/ICAROB.2022.OS19-3	https://www.doi.org/10.5954/ICAROB.2022.OS19-3	Weight estimation for noodle products in food layout of a home replacement meal
OS19-4	10.5954/ICAROB.2022.OS19-4	https://www.doi.org/10.5954/ICAROB.2022.OS19-4	Cognition of surrounding conditions for a field robot - Slope detection using a multilayer perceptron classifier with point cloud as input-
OS19-5	10.5954/ICAROB.2022.OS19-5	https://www.doi.org/10.5954/ICAROB.2022.OS19-5	Particle Filter Based SLAM for Forestry Robot
0010.0	10 F0F4/ICADOD 2022 OC10 C	https://www.dei-ag/10-E0E4/ICADOD-2022-0010-0	Anomaly Detection using Autoencoder with Gramian Angular Summation Field in
OS19-6	10.5954/ICAROB.2022.OS19-6	https://www.doi.org/10.5954/ICAROB.2022.OS19-6	Multivariate Time Series Data
	10.5954/ICAROB.2022.OS19-7	https://www.doi.org/10.5954/ICAROB.2022.OS19-7	Autonomous Robotics Packaging Ready Meal in Conveyor Production Line
OS20-1	10.5954/ICAROB.2022.OS20-1	https://www.doi.org/10.5954/ICAROB.2022.OS20-1	A Pedal Powered Water Purifier
OS20-2 OS20-3	10.5954/ICAROB.2022.OS20-2	https://www.doi.org/10.5954/ICAROB.2022.OS20-2	A Smart Node (Maintenance & Lifespan Prediction System)
OS20-4	10.5954/ICAROB.2022.OS20-3 10.5954/ICAROB.2022.OS20-4	https://www.doi.org/10.5954/ICAROB.2022.OS20-3 https://www.doi.org/10.5954/ICAROB.2022.OS20-4	A Healthcare Laundry Management System using RFID System Monitoring System with Humidity and Growth Level Detection for Horticulture
OS20-5	10.5954/ICAROB.2022.OS20-5	https://www.doi.org/10.5954/ICAROB.2022.OS20-5	Double Identification Attendance System using HF RFID and Sensors
OS20-6	10.5954/ICAROB.2022.OS20-6	https://www.doi.org/10.5954/ICAROB.2022.OS20-6	A Levitating Frictionless_Vertical Windmill
OS21-1	10.5954/ICAROB.2022.OS21-1	https://www.doi.org/10.5954/ICAROB.2022.OS21-1	An Object Acquisition Based on Human-Robot Cooperation
OS21-2	10.5954/ICAROB.2022.OS21-2	https://www.doi.org/10.5954/ICAROB.2022.OS21-2	Development of musculoskeletal walking simulator for analysis of human walking and rehabilitation
OS21-3	10.5954/ICAROB.2022.OS21-3	https://www.doi.org/10.5954/ICAROB.2022.0S21-3	Collision Avoidance in a Human-Robot Coexistent Food Preparation Environment Using Hands Area Extraction
OS21-4	10.5954/ICAROB.2022.OS21-4	https://www.doi.org/10.5954/ICAROB.2022.OS21-4	Supporting Safe Walk of a Visually Impaired Person at a Railway Station Platform Based on MY VISION
OS21-5	10.5954/ICAROB.2022.OS21-5	https://www.doi.org/10.5954/ICAROB.2022.OS21-5	Detecting a Pedestrian's Walk Direction Using MY VISION for Supporting Safe Walk of a Visually Impaired Person
OS21-6	10.5954/ICAROB.2022.OS21-6	https://www.doi.org/10.5954/ICAROB.2022.OS21-6	Fruits and Vegetables Detection using the Improved YOLOv3
OS22-1	10.5954/ICAROB.2022.OS22-1	https://www.doi.org/10.5954/ICAROB.2022.OS22-1	New Hybridization Algorithm of Differential Evolution and Particle Swarm
			Optimization for Efficient Feature Selection
OS22-2 OS22-3	10.5954/ICAROB.2022.OS22-2 10.5954/ICAROB.2022.OS22-3	https://www.doi.org/10.5954/ICAROB.2022.OS22-2 https://www.doi.org/10.5954/ICAROB.2022.OS22-3	Implementation of LoRa in River Water Quality Monitoring Wideband Antenna with UHF Sensor Applicability for HV Equipment in Smart Grid
OS22-4	10.5954/ICAROB.2022.OS22-4	https://www.doi.org/10.5954/ICAROB.2022.OS22-4	New Particle Swarm Optimization Variant with Modified Neighborhood Structure
OS23-1	10.5954/ICAROB.2022.OS23-1	https://www.doi.org/10.5954/ICAROB.2022.OS23-1	A research of infectivity rate After the Consecutive Holidays
OS23-1	10.5954/ICAROB.2022.0S23-1 10.5954/ICAROB.2022.0S23-2	https://www.doi.org/10.5954/ICAROB.2022.0S23-1	Towards the Trusted Population-Based Optimization Systems
OS23-3	10.5954/ICAROB.2022.OS23-3	https://www.doi.org/10.5954/ICAROB.2022.0S23-3	Spatio-temporal prediction of crime occurrence spots
OS23-4	10.5954/ICAROB.2022.OS23-4	https://www.doi.org/10.5954/ICAROB.2022.OS23-4	Cross-view Image Geo-Localization using Multi-Scale Generalized Pooling with
			Attention Mechanism
OS23-5	10.5954/ICAROB.2022.OS23-5	https://www.doi.org/10.5954/ICAROB.2022.OS23-5	Recommendation an Emergency Patient Destinations by LightGBM
OS23-6	10.5954/ICAROB.2022.OS23-6	https://www.doi.org/10.5954/ICAROB.2022.OS23-6	A Framework for Understanding the Neural Underpinnings of Symbolic and Non- Symbolic Communication Based on Global Synchronization in Human Brain Activity
OS23-7	10.5954/ICAROB.2022.OS23-7	https://www.doi.org/10.5954/ICAROB.2022.0S23-7	Characterization of randomness tests by using tests results of weakly correlated chaotic sequences
OS24-1	10.5954/ICAROB.2022.OS24-1	https://www.doi.org/10.5954/ICAROB.2022.OS24-1	An EtherCAT Based Delta Robot Synchronous Control Application
OS24-2	10.5954/ICAROB.2022.OS24-2	https://www.doi.org/10.5954/ICAROB.2022.OS24-2	Web-based SCADA using MQTT protocol And AES
OS24-3	10.5954/ICAROB.2022.OS24-3	https://www.doi.org/10.5954/ICAROB.2022.OS24-3	Smart Identification System of Teaching-type Autonomous Vehicles
OS24-4	10.5954/ICAROB.2022.OS24-4	https://www.doi.org/10.5954/ICAROB.2022.OS24-4	Automatic Anti-Lock Brake System for Anti-Rollover Control of Autonomous Heavy- Duty Truck
OS24-5	10.5954/ICAROB.2022.OS24-5	https://www.doi.org/10.5954/ICAROB.2022.OS24-5	Development of Intelligent Beehive and Network Monitoring System for Bee Ecology
<u> </u>			1

OS31-5 10.5954/ICAROB.2022.OS31-5 https://www.doi.org/10.5954/ICAROB.2022.OS31-5 Why is the Early Detection of Dementia Failed? OS31-6 10.5954/ICAROB.2022.OS31-6 https://www.doi.org/10.5954/ICAROB.2022.OS31-6 https://www.doi.org/10.5954/ICAROB.2022.OS31-7 l0.5954/ICAROB.2022.OS31-7 https://www.doi.org/10.5954/ICAROB.2022.OS31-7 https://www.doi.org/10.5954/ICAROB.2022.OS31-7 l0.5954/ICAROB.2022.OS31-8 https://www.doi.org/10.5954/ICAROB.2022.OS31-8 l0.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS32-1 l0.5954/ICAROB.2022.OS32-2 https://www.doi.org/10.5954/ICAROB.2022.OS32-3 https://www.doi.org/10.5954/ICAROB.2	OS25-1	10.5954/ICAROB.2022.OS25-1	https://www.doi.org/10.5954/ICAROB.2022.0S25-1	Extendable ICS Honeypot Design with Modbus/TCP
Description of the Company of the	OS25-2	10.5954/ICAROB.2022.OS25-2	https://www.doi.org/10.5954/ICAROB.2022.OS25-2	
Page	OS25-3	10.5954/ICAROB.2022.OS25-3	https://www.doi.org/10.5954/ICAROB.2022.OS25-3	
Control	OS25_/I	10 5954/ICAROR 2022 OS25-4	https://www.doi.org/10.5954/ICAROR.2022.0S25-4	
Section Control Cont				•
2005.00.000.000.000.000.000.000.000.000.		·		
125557/CPADE 2022 0555-2				
Dec-		-		
1985-81-ACMD8-2022-0526-4				
1985-4-	OS26-3	10.5954/ICAROB.2022.OS26-3	https://www.doi.org/10.5954/ICAROB.2022.OS26-3	Consulting Service System
	OS26-4	10.5954/ICAROB.2022.OS26-4	https://www.doi.org/10.5954/ICAROB.2022.OS26-4	Industry Perspective
1925-99-10-10-10-20-20-20-20-10-10-10-20-20-20-20-10-10-20-20-20-20-20-20-20-20-20-20-20-20-20	OS26-5	10.5954/ICAROB.2022.OS26-5	https://www.doi.org/10.5954/ICAROB.2022.OS26-5	Technology in Tourism Industry
Secretary	OS26-6	10.5954/ICAROB.2022.OS26-6	https://www.doi.org/10.5954/ICAROB.2022.OS26-6	
December	OS27-1	10.5954/ICAROB.2022.OS27-1	https://www.doi.org/10.5954/ICAROB.2022.OS27-1	
Sez-4 10.5944/CAROB.2022.0527-3 10.5944/CAROB.2022.052	OS27-2	10.5954/ICAROB.2022.OS27-2	https://www.doi.org/10.5954/ICAROB.2022.OS27-2	Fall Risk Notification System using LiDAR Sensor for the Visually Impaired People
10.2949/LARGR.2002.05749 10.3949/LARGR.2002.0502.14 10.3949/LARGR.2002.0502.15 10.3949/LARGR.2002.0502.14 10.3949/LARGR.2002.0502.15 10.3949/LARGR.2002.0503.15 10.3949/LARGR.2002.0503.15 10.3949/LARGR.2002.0503.15 10.3949/LARGR.2002.0503.15 10.3949/LARGR.2002.0503.15 10.3949/LARGR.2002.0503.15 10.3949/LARGR.20	OS27-3	10.5954/ICAROB.2022.OS27-3	https://www.doi.org/10.5954/ICAROB.2022.OS27-3	Reflection Coefficient Estimation through the Modelling of Ultrasonic Transmission
10.3954/CAROB.202.0527-5 https://www.doi.org/10.3954/CAROB.202.0528-1 https://www.doi.org/10.3954/CAROB.202.0538-1 https://www.doi.org/10.3954/CAROB.202.0538-2 https://www.doi.org/10.3954/CAROB.202.0538-2 https://www.doi.org/10.3954/CAROB.202.0538-2 https://www.doi.org/10.3954/CAROB.202.0538-3 https://www.doi.org/10.3954/CAROB.202.0538-	OS27-4	10.5954/ICAROB.2022.OS27-4	https://www.doi.org/10.5954/ICAROB.2022.OS27-4	
December				
10.9994/CAROB.2022.0583-5 10.9994/CAROB.2022.0583-6 10.9994/CAROB.2022.0583-1 10.9994/CAROB.2022				
10.9984/CAROB 2022 OS28-3 10.9984/CAROB 2022 OS38-3 10.9984/CAROB 2022 OS38-3 10.9984/CAROB 2022 OS38-3 10.9984/CAROB 2022 OS38-3	OS28-1	10.5954/ICAROB.2022.OS28-1	https://www.doi.org/10.5954/ICAROB.2022.OS28-1	
Underwarder Robot Companision Underwarder Robot Underwarder Robot Companision Underwarder Robot Unde	OS28-2	10 5954/ICAROB 2022 OS28-2	https://www.doi.org/10.5954/ICAROR.2022.OS28-2	Autonomous Underwater Vehicle with Vision-based Navigation System for
10.5954/CAROB.2022.0528-4				
10.9995/CAROB.2022.0528-5 10.9995/CAROB.2022.0528-5 10.9995/CAROB.2022.0528-5 10.9995/CAROB.2022.0528-6 10.9995/CAROB.2022.0528-1 10.9995/CAROB.2022.0528-2 10.9995/CAROB.2022.0528-2 10.9995/CAROB.2022.0528-2 10.9995/CAROB.2022.0528-2 10.9995/CAROB.2022.0528-2 10.9995/CAROB.2022.0528-3 10.9995/CAROB.2022.0538-3	OS28-3	10.5954/ICAROB.2022.0S28-3	https://www.doi.org/10.5954/ICAROB.2022.OS28-3	Tomato Harvesting in Greenhouse Considering the Effect of Sunlight
10.5984/ICAROB.2022.0528-6 https://www.doi.org/10.5984/ICAROB.2022.0528-6 10.5984/ICAROB.2022.0528-6 https://www.doi.org/10.5984/ICAROB.2022.0528-6 vibrosity/www.doi.org/10.5984/ICAROB.2022.0528-6 vibrosity/www.doi.org/10.5984/ICAROB.2022.0529-1 https://www.doi.org/10.5984/ICAROB.2022.0529-2 vibrosity/www.doi.org/10.5984/ICAROB.2022.0529-2 vibrosity/www.doi.org/10.5984/ICAROB.2022.0529-3 vibrosity/www.doi.org/10.5984/ICAROB.2022.0539-3 vibrosity/www.doi.org/10.5984/ICAROB.2022.0539-3 vibrosity/www.doi.org/10.5984/ICAROB.2022.0539-3 vibrosity/www.doi.org/10.5984/ICAROB.2022.0539-3 vibrosity/www.doi.org/10.5984/ICAROB.2022.0539-3 vibrosity/www.doi.org/10.5984/ICAROB.2022.0539-3 vibrosity/www.doi.org/10.5984/ICAROB.2022.0539-3 vibrosity/www.doi.org/10.5984/ICAROB.2022.0539-3 vibrosity/www.doi.org/10.5984/ICAROB.2022.0539-3 vib	OS28-4	10.5954/ICAROB.2022.OS28-4	https://www.doi.org/10.5954/ICAROB.2022.OS28-4	
1.5954/CAROB.2022.0529-6	OS28-5	10.5954/ICAROB.2022.OS28-5	https://www.doi.org/10.5954/ICAROB.2022.0S28-5	
10.9594/CAROB.2022.0529-1	OS28-6	10.5954/ICAROB.2022.OS28-6	https://www.doi.org/10.5954/ICAROB.2022.OS28-6	Evaluation of roller arrangement of sphere by omnidirectional integral value
Optimized Feeding Decisions in Marine Aquaculture Optimized Feeding Decisions Optimized Peeding	OS29-1	10.5954/ICAROB.2022.OS29-1	https://www.doi.org/10.5954/ICAROB.2022.0S29-1	A Network of Underwater Sensors Estimating Feeding Behavior for Digitizing
dispsfs//CAROB.2022.0529-3 https://www.doi.org/10.5954/ICAROB.2022.0529-3 dispsfs//CAROB.2022.0529-4 dispsfs//CAROB.2022.0529-4 dispsfs//CAROB.2022.0529-4 dispsfs//CAROB.2022.0529-4 dispsfs//CAROB.2022.0529-4 dispsfs//CAROB.2022.0529-4 dispsfs//CAROB.2022.0529-5 dispsfs//CAROB.2022.0529-6 dispsfs//CAROB.2022.0529-6 dispsfs//CAROB.2022.0529-6 dispsfs//CAROB.2022.0529-6 dispsfs//CAROB.2022.0529-6 dispsfs//CAROB.2022.0529-6 dispsfs//CAROB.2022.0529-6 dispsfs//CAROB.2022.0529-7 dispsfs//CAROB.2022.0529-7 dispsfs//CAROB.2022.0529-7 dispsfs//CAROB.2022.0529-7 dispsfs//CAROB.2022.0529-7 dispsfs//CAROB.2022.0529-7 dispsfs//CAROB.2022.0529-8 dispsfs//CAROB.2022.052				
0.5954/ICAROB.2022.0529-5 https://www.doi.org/10.5954/ICAROB.2022.0529-5 https://www.doi.org/10.5954/ICAROB.2022.0529-6 Development of a USV Testbed and its System Check Experiments at Sea Development of a USV Testbed and its System Check Experiments at Sea Development of a USV Testbed and its System Check Experiments at Sea Development of a USV Testbed and its System Check Experiments at Sea Development of a USV Testbed and its System Check Experiments at Sea Development of a USV Testbed and its System Check Experiments at Sea Development of a Seabed Walking Platform for Ore Sample Drilling in Deep Sea Mining Development of Seabed Walking Platform for Ore Sample Drilling in Deep Sea Mining Development of Seabed Walking Platform for Ore Sample Drilling in Deep Sea Mining Development of Seabed Walking Platform for Ore Sample Drilling in Deep Sea Mining Development of Seabed Walking Platform for Ore Sample Drilling in Deep Sea Mining Development of Seabed Walking Platform for Ore Sample Drilling in Deep Sea Mining Development of Seabed Walking Platform for Ore Sample Drilling in Deep Sea Mining Development of Seabed Walking Platform for Ore Sample Drilling in Deep Sea Mining Development of Seabed Walking Platform for Ore Sample Drilling in Deep Sea Mining Development of Seabed Walking Platform for Ore Sample Drilling in Deep Sea Mining Development of Seabed Walking Platform for Ore Sample Drilling in Deep Sea Mining Development of Seabed Walking Platform for Ore Sample Drilling in Deep Sea Mining Development of Seabed Walking Platform for Ore Sample Drilling in Deep Sea Mining Development of Seabed Walking Platform for Ore Sample Drilling in Deep Sea Mining Development of S	-			
0.5954/ICAROB.2022.0S29-6 https://www.doi.org/10.5954/ICAROB.2022.0S29-6 Development of a USV Testbed and its System Check Experiments at Sea				
Development of a Seabed Walking Platform for Ore Sample Drilling in Deep Sea Mining Development of a Seabed Walking Platform for Ore Sample Drilling in Deep Sea Mining Development of a Seabed Walking Platform for Ore Sample Drilling in Deep Sea Mining Development of Remotely Operated Vehicle for Small-size Jellyfish Extermination and its Evaluation of Extermination Motion Control Development of Remotely Operated Vehicle for Small-size Jellyfish Extermination and its Evaluation of Extermination Motion Control A Design of Micromouse Control System Development of Remotely Operated Vehicle for Small-size Jellyfish Extermination and its Evaluation of Extermination Motion Control A Design of Micromouse Control System Development of Remotely Operated Vehicle for Small-size Jellyfish Extermination and its Evaluation of Extermination Motion Control A Design of Micromouse Control System Development of Remotely Operated Vehicle for Small-size Jellyfish Extermination and its Evaluation of Extermination Motion Control A Design of Micromouse Control System Development of Remotely Operated Vehicle for Small-size Jellyfish Extermination and its Evaluation of Extermination Motion Control A Design of Micromouse Control System Development of Remotely Operated Vehicle for Small-size Jellyfish Extermination and its Evaluation of Extermination Motion Control A Design of Micromouse Control System Development of Remotely Operated Vehicle for Small-size Jellyfish Extermination and its Evaluation of Extermination Motion Control A Design of Micromouse Control System Design of Micromouse Con	_			
10.5954/ICAROB.2022.OS30-1	OS29-7	10.5954/ICAROB.2022.OS29-7		
0.530-1 0.5954/ICAROB.2022.OS30-2 0.5954/ICAROB.2022.OS30-2 0.5954/ICAROB.2022.OS30-2 0.5954/ICAROB.2022.OS30-2 0.5954/ICAROB.2022.OS30-2 0.5954/ICAROB.2022.OS30-3 0.5954/ICAROB.2022.OS30-3 0.5954/ICAROB.2022.OS30-4 0.5954/ICAROB.2022.OS30-4 0.5954/ICAROB.2022.OS30-5 0.5954/ICAROB.2022.OS30-5 0.5954/ICAROB.2022.OS30-5 0.5954/ICAROB.2022.OS30-6 0.5954/ICAROB.2022.OS31-1 0.5954/ICAROB.2022.OS31-1 0.5954/ICAROB.2022.OS31-2 0.5954/ICAROB.2022.OS31-3 0.5954/ICAROB.2022.OS31-3 0.5954/ICAROB.2022.OS31-3 0.5954/ICAROB.2022.OS31-3 0.5954/ICAROB.2022.OS31-3 0.5954/ICAROB.2022.OS31-3 0.5954/ICAROB.2022.OS31-3 0.5954/ICAROB.2022.OS31-3 0.5954/ICAROB.2022.OS31-5 0.5954/ICAROB.2022.OS31-6 0.5954/ICAROB.2022.OS31-7 0.5954/ICAROB.2022.OS31-7 0.5954/ICAROB.2022.OS31-8 0.5954/ICAROB.2022.OS31-8 0.5954/ICAROB.2022.OS31-8 0.5954/ICAROB.2022.OS31-8 0.5954/ICAROB.2022.OS31-8 0.5954/ICAROB.2022.OS31-7 0.5954/ICAROB.2022.OS31-8 0.5954/ICAROB.2022.OS31-7 0.5954/ICAROB.2022	OS29-8	10.5954/ICAROB.2022.OS29-8	https://www.doi.org/10.5954/ICAROB.2022.OS29-8	Development of Remotely Operated Vehicle for Small-size Jellyfish Extermination
0.5954/ICAROB.2022.OS30-3	OS30-1	10.5954/ICAROB.2022.OS30-1	https://www.doi.org/10.5954/ICAROB.2022.OS30-1	
0S30-4 10.5954/ICAROB.2022.OS30-5 https://www.doi.org/10.5954/ICAROB.2022.OS30-5 l0.5954/ICAROB.2022.OS30-5 l0.5954/ICAROB.2022.OS30-5 l0.5954/ICAROB.2022.OS30-6 l0.5954/ICAROB.2022.OS31-6 l0.5954/ICAROB.2022.OS31-1 l0.5954/ICAROB.2022.OS31-1 l0.5954/ICAROB.2022.OS31-1 l0.5954/ICAROB.2022.OS31-1 l0.5954/ICAROB.2022.OS31-2 l0.5954/ICAROB.2022.OS31-3 l0.5954/ICAROB.2022.OS31-3 l0.5954/ICAROB.2022.OS31-3 l0.5954/ICAROB.2022.OS31-3 l0.5954/ICAROB.2022.OS31-3 l0.5954/ICAROB.2022.OS31-5 l0.5954/ICAROB.2022.OS31-5 l0.5954/ICAROB.2022.OS31-5 l0.5954/ICAROB.2022.OS31-5 l0.5954/ICAROB.2022.OS31-6 l0.5954/ICAROB.2022.OS31-7 l0.5954/ICAROB.2022.OS31-7 l0.5954/ICAROB.2022.OS31-7 l0.5954/ICAROB.2022.OS31-7 l0.5954/ICAROB.2022.OS31-8 lttps://www.doi.org/10.5954/ICAROB.2022.OS31-8 lttps://www.doi.org/10.5954/ICAROB.2022.OS31-6 lttps://www.doi.org/10.5954/ICAROB.2022.OS31-7 l0.5954/ICAROB.2022.OS31-6 lttps://www.doi.org/10.5954/ICAROB.2022.OS31-7 l0.5954/ICAROB.2022.OS31-7 l0.5954/ICAROB.2022.OS31-9 lttps://www.doi.org/10.5954/ICAROB.2022.OS31-7 l0.5954/ICAROB.2022.OS32-1 l0.5954/ICAROB.2022.OS32-1 l0.5954/ICAROB.2022.OS32-2 lttps://www.doi.org/10.5954/ICAROB.2022.OS32-2 lttps://www.doi.org/10.5954/ICAROB.2022.OS32-2 lttps://www.doi.org/10.5954/ICAROB.2022.OS32-3 lttps://www.doi.org/10.5954/ICAROB.2022.OS32-3 lttps://www.doi.org/10.5954/ICAROB.2022.OS32-3 lttps://www.doi.org/10.5954/ICAROB.2022.OS32-3 lttps://www.doi.org/10.5954/ICAROB.2022.OS32-3 lttps://www.doi.org/10.5954/ICAROB.2022.OS32-3 lttps://www.doi.org/10.5954/ICAROB.2022.OS32-3 lttps://www.doi.org/10.5954/ICAROB.2022.OS32-3 lttps:				A Driver Reaction Time Detection System Design
OS30-5 10.5954/ICAROB.2022.OS30-5 https://www.doi.org/10.5954/ICAROB.2022.OS30-5 Detachable IOT Garbage Sorting Device Based on Machine Vision OS31-1 10.5954/ICAROB.2022.OS31-1 https://www.doi.org/10.5954/ICAROB.2022.OS31-1 Visualization of the Unconscious in Quality Inspection in Manufacturing OS31-3 10.5954/ICAROB.2022.OS31-3 https://www.doi.org/10.5954/ICAROB.2022.OS31-3 https://www.doi.org/10.5954/ICAROB.2022.OS31-3 https://www.doi.org/10.5954/ICAROB.2022.OS31-3 https://www.doi.org/10.5954/ICAROB.2022.OS31-3 https://www.doi.org/10.5954/ICAROB.2022.OS31-3 https://www.doi.org/10.5954/ICAROB.2022.OS31-3 https://www.doi.org/10.5954/ICAROB.2022.OS31-5 https://www.doi.org/10.5954/ICAROB.2022.OS31-6 https://www.doi.org/10.5954/ICAROB.2022.OS31-5 https://www.doi.org/10.5954/ICAROB.2022.OS31-5 https://www.doi.org/10.5954/ICAROB.2022.OS31-5 https://www.doi.org/10.5954/ICAROB.2022.OS31-6 https://www.doi.org/10.5954/ICAROB.2022.OS31-5 https://www.doi.org/10.5954/ICAROB.2022.OS32-1 https://www.doi.org/10.5954/ICAROB.2022.OS32-1 https://www.doi.org/10.5954/ICAROB.2022.OS32-3 https://www.doi.org/10.5954/ICAROB.2022.OS32-3 https://www.doi.org/10.5954/ICAROB.2022.OS32-3 https://www.doi.org/10.5954/ICAROB.2022.OS32-3 https://www.doi.org/10.5954/ICAROB.2022.OS32-3 https://www.doi.org/10.5				
OS30-6 10.5954/ICAROB.2022.OS31-1 https://www.doi.org/10.5954/ICAROB.2022.OS31-2 10.5954/ICAROB.2022.OS31-3 https://www.doi.org/10.5954/ICAROB.2022.OS31-3 https://www.doi.org/10.5954/ICAROB.2022.OS31-5 https://www.doi.org/10.5954/ICAROB.2022.OS31-6 https://www.doi.org/10.5954/ICAROB.2022.OS31-6 https://www.doi.org/10.5954/ICAROB.2022.OS31-6 https://www.doi.org/10.5954/ICAROB.2022.OS31-7 https://www.doi.org/10.5954/ICAROB.2022.OS31-8 https://www.doi.org/10.5954/ICAROB.2022.OS31-6 https://www.doi.org/10.5954/ICAROB.2022.OS31-7 https://www.doi.org/10.5954/ICAROB.2022.OS31-8 https://www.doi.org/10.5954/ICAROB.2022.OS31-8 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS32-1 https://www.doi.org/10.5954/ICAROB.2022.OS32-2 https://www.doi.org/10.5954/ICAROB.2022.OS32-3 https://www	-	·		* * * * * * * * * * * * * * * * * * * *
OS31-1 10.5954/ICAROB.2022.OS31-1 https://www.doi.org/10.5954/ICAROB.2022.OS31-2 Visualization of the Unconscious in Quality Inspection in Manufacturing OS31-3 10.5954/ICAROB.2022.OS31-3 https://www.doi.org/10.5954/ICAROB.2022.OS31-3 https://www.doi.org/10.5954/ICAROB.2022.OS31-3 https://www.doi.org/10.5954/ICAROB.2022.OS31-3 https://www.doi.org/10.5954/ICAROB.2022.OS31-3 https://www.doi.org/10.5954/ICAROB.2022.OS31-3 https://www.doi.org/10.5954/ICAROB.2022.OS31-4 https://www.doi.org/10.5954/ICAROB.2022.OS31-5 https://www.doi.org/10.5954/ICAROB.2022.OS31-6 https://www.doi.org/10.5954/ICAROB.2022.OS31-6 https://www.doi.org/10.5954/ICAROB.2022.OS31-6 https://www.doi.org/10.5954/ICAROB.2022.OS31-7 https://www.doi.org/10.5954/ICAROB.2022.OS31-7 https://www.doi.org/10.5954/ICAROB.2022.OS31-8 https://www.doi.org/10.5954/ICAROB.2022.OS31-8 https://www.doi.org/10.5954/ICAROB.2022.OS31-8 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS32-1 https://www.doi.org/10.5954/ICAROB.2022.OS32-3 https://www.doi.org/10.595		·		
OS31-1 10.5954/ICAROB.2022.OS31-2 https://www.doi.org/10.5954/ICAROB.2022.OS31-3 lttps://www.doi.org/10.5954/ICAROB.2022.OS31-3 https://www.doi.org/10.5954/ICAROB.2022.OS31-3 https://www.doi.org/10.5954/ICAROB.2022.OS31-3 https://www.doi.org/10.5954/ICAROB.2022.OS31-3 https://www.doi.org/10.5954/ICAROB.2022.OS31-3 https://www.doi.org/10.5954/ICAROB.2022.OS31-3 https://www.doi.org/10.5954/ICAROB.2022.OS31-4 https://www.doi.org/10.5954/ICAROB.2022.OS31-4 https://www.doi.org/10.5954/ICAROB.2022.OS31-5 https://www.doi.org/10.5954/ICAROB.2022.OS31-5 https://www.doi.org/10.5954/ICAROB.2022.OS31-6 https://www.doi.org/10.5954/ICAROB.2022.OS31-6 https://www.doi.org/10.5954/ICAROB.2022.OS31-6 https://www.doi.org/10.5954/ICAROB.2022.OS31-7 https://www.doi.org/10.5954/ICAROB.2022.OS31-8 https://www.doi.org/10.5954/ICAROB.2022.OS32-1 https://www.doi.org/10.5954/ICAROB.2022.OS32-2 https://www.doi.org/10.5954/ICAROB.2022.OS32-3 https://www.doi.org/10.5954/ICAROB.202				
OS31-3 10.5954/ICAROB.2022.OS31-3 https://www.doi.org/10.5954/ICAROB.2022.OS31-3 https://www.doi.org/10.5954/ICAROB.2022.OS31-4 https://www.doi.org/10.5954/ICAROB.2022.OS31-5 https://www.doi.org/10.5954/ICAROB.2022.OS31-6 https://www.doi.org/10.5954/ICAROB.2022.OS31-6 https://www.doi.org/10.5954/ICAROB.2022.OS31-7 l0.5954/ICAROB.2022.OS31-8 https://www.doi.org/10.5954/ICAROB.2022.OS31-8 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS32-1 https://www.doi.org/10.5954/ICAROB.2022.OS32-1 https://www.doi.org/10.5954/ICAROB.2022.OS32-2 https://www.doi.org/10.5954/ICAROB.2022.OS32-3 https://www	OS31-1	10.5954/ICAROB.2022.OS31-1	https://www.doi.org/10.5954/ICAROB.2022.OS31-1	
DS31-3 10.5954/ICAROB.2022.OS31-3 https://www.doi.org/10.5954/ICAROB.2022.OS31-3 https://www.doi.org/10.5954/ICAROB.2022.OS31-4 https://www.doi.org/10.5954/ICAROB.2022.OS31-5 https://www.doi.org/10.5954/ICAROB.2022.OS31-5 https://www.doi.org/10.5954/ICAROB.2022.OS31-5 https://www.doi.org/10.5954/ICAROB.2022.OS31-6 https://www.doi.org/10.5954/ICAROB.2022.OS31-6 https://www.doi.org/10.5954/ICAROB.2022.OS31-6 https://www.doi.org/10.5954/ICAROB.2022.OS31-7 https://www.doi.org/10.5954/ICAROB.2022.OS31-7 https://www.doi.org/10.5954/ICAROB.2022.OS31-7 https://www.doi.org/10.5954/ICAROB.2022.OS31-8 https://www.doi.org/10.5954/ICAROB.2022.OS31-8 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS32-1 https://www.doi.org/10.5954/ICAROB.2022.OS32-2 https://www.doi.org/10.5954/ICAROB.2022.OS32-3 https://www.doi.org/10.5954/ICAROB.202	OS31-2	10.5954/ICAROB.2022.OS31-2	https://www.doi.org/10.5954/ICAROB.2022.OS31-2	Visualization of the Unconscious in Quality Inspection in Manufacturing
OS31-5 10.5954/ICAROB.2022.OS31-5 https://www.doi.org/10.5954/ICAROB.2022.OS31-5 Why is the Early Detection of Dementia Failed? OS31-6 10.5954/ICAROB.2022.OS31-6 https://www.doi.org/10.5954/ICAROB.2022.OS31-6 https://www.doi.org/10.5954/ICAROB.2022.OS31-7 l0.5954/ICAROB.2022.OS31-7 https://www.doi.org/10.5954/ICAROB.2022.OS31-7 https://www.doi.org/10.5954/ICAROB.2022.OS31-7 l0.5954/ICAROB.2022.OS31-8 https://www.doi.org/10.5954/ICAROB.2022.OS31-8 l0.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS32-1 l0.5954/ICAROB.2022.OS32-2 https://www.doi.org/10.5954/ICAROB.2022.OS32-3 https://www.doi.org/10.5954/ICAROB.2	OS31-3	10.5954/ICAROB.2022.OS31-3	https://www.doi.org/10.5954/ICAROB.2022.OS31-3	
OS31-5 10.5954/ICAROB.2022.OS31-5 https://www.doi.org/10.5954/ICAROB.2022.OS31-5 https://www.doi.org/10.5954/ICAROB.2022.OS31-6 https://www.doi.org/10.5954/ICAROB.2022.OS31-6 https://www.doi.org/10.5954/ICAROB.2022.OS31-7 l0.5954/ICAROB.2022.OS31-7 l0.5954/ICAROB.2022.OS31-7 l0.5954/ICAROB.2022.OS31-8 https://www.doi.org/10.5954/ICAROB.2022.OS31-8 https://www.doi.org/10.5954/ICAROB.2022.OS31-8 l0.5954/ICAROB.2022.OS31-9 l0.5954/ICAROB.2022.OS31-9 l0.5954/ICAROB.2022.OS31-9 l0.5954/ICAROB.2022.OS31-1 l0.5954/ICAROB.2022.OS32-1 l0.5954/ICAROB.2022.OS32-1 l0.5954/ICAROB.2022.OS32-2 l0.5954/ICAROB.2022.OS32-2 l0.5954/ICAROB.2022.OS32-3 l0.5954/ICAROB.2022.OS32-3 lo.5954/ICAROB.2022.OS32-3 lo	OS31-4	10.5954/ICAROB.2022.OS31-4	https://www.doi.org/10.5954/ICAROB.2022.0S31-4	Theoretical Backgrounds toward Text Mining for a Phenomenological Model of Taste
OS31-6 10.5954/ICAROB.2022.OS31-6 https://www.doi.org/10.5954/ICAROB.2022.OS31-6 Adjective and Adjective Verb Conceptual Dictionaries in an Integrated Narrative Generation System OS31-8 10.5954/ICAROB.2022.OS31-8 https://www.doi.org/10.5954/ICAROB.2022.OS31-8 https://www.doi.org/10.5954/ICAROB.2022.OS31-8 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS32-1 https://www.doi.org/10.5954/ICAROB.2022.OS32-1 https://www.doi.org/10.5954/ICAROB.2022.OS32-2 https://www.doi.org/10.5954/ICAROB.2022.OS32-3	OS31-5	10.5954/ICAROR 2022 OS31-5	https://www.doi.org/10.5954/ICAROR.2022.OS31-5	· ·
OS31-7 10.5954/ICAROB.2022.OS31-7 https://www.doi.org/10.5954/ICAROB.2022.OS31-7 Generation System OS31-8 10.5954/ICAROB.2022.OS31-8 https://www.doi.org/10.5954/ICAROB.2022.OS31-8 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS32-1 https://www.doi.org/10.5954/ICAROB.2022.OS32-1 https://www.doi.org/10.5954/ICAROB.2022.OS32-2 https://www.doi.org/10.5954/ICAROB.2022.OS32-3 https://www.doi.org/10.5954/ICAR				
OS31-8 10.5954/ICAROB.2022.OS31-8 https://www.doi.org/10.5954/ICAROB.2022.OS31-8 lttps://www.doi.org/10.5954/ICAROB.2022.OS31-8 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS32-1 l0.5954/ICAROB.2022.OS32-1 https://www.doi.org/10.5954/ICAROB.2022.OS32-1 https://www.doi.org/10.5954/ICAROB.2022.OS32-2 https://www.doi.org/10.5954/ICAROB.2022.OS32-3 l0.5954/ICAROB.2022.OS32-3 https://www.doi.org/10.5954/ICAROB.2022.OS32-3 https://www.doi.org/10.5954/ICAROB.2022.OS32-3 https://www.doi.org/10.5954/ICAROB.2022.OS32-3 https://www.doi.org/10.5954/ICAROB.2022.OS32-3 l0.5954/ICAROB.2022.OS32-3 https://www.doi.org/10.5954/ICAROB.2022.OS32-3 https://www.doi.org/10.5954/ICAROB.2022.OS32-3 l0.5954/ICAROB.2022.OS32-3 l0.5954/ICAROB.2022.OS32-3 l0.5954/ICAROB.2022.OS32-3 l0.5954/ICAROB.2022.OS32-3 lo.5954/ICAROB.2022.OS32-3 lo.5954/ICA				Adjective and Adjective Verb Conceptual Dictionaries in an Integrated Narrative
OS31-9 10.5954/ICAROB.2022.OS31-9 https://www.doi.org/10.5954/ICAROB.2022.OS31-9 How Will Art Appreciations Change According to Information Change? A Derivative Oriented Thresholding Approach for Feature Extraction of Mold Defects on Fine Arts Painting OS32-2 10.5954/ICAROB.2022.OS32-2 https://www.doi.org/10.5954/ICAROB.2022.OS32-2 https://www.doi.org/10.5954/ICAROB.2022.OS32-3 10.5954/ICAROB.2022.OS32-3 https://www.doi.org/10.5954/ICAROB.2022.OS32-3 https://www.doi.org/10.5954/ICAROB.202	OS31-8	10.5954/ICAROB.2022.OS31-8	https://www.doi.org/10.5954/ICAROB.2022.OS31-8	Prototyping Animation System that Combines a Kabuki Work and its Background
OS32-1 10.5954/ICAROB.2022.OS32-1 https://www.doi.org/10.5954/ICAROB.2022.OS32-1 on Fine Arts Painting OS32-2 10.5954/ICAROB.2022.OS32-2 https://www.doi.org/10.5954/ICAROB.2022.OS32-2 Computer Interface (BCI) OS32-3 10.5954/ICAROB.2022.OS32-3 https://www.doi.org/10.5954/ICAROB.2022.OS32-3 lttps://www.doi.org/10.5954/ICAROB.2022.OS32-3 lttps://www.doi.o	OS31-9	10.5954/ICAROB.2022.OS31-9	https://www.doi.org/10.5954/ICAROB.2022.OS31-9	
OS32-2 10.5954/ICAROB.2022.OS32-2 https://www.doi.org/10.5954/ICAROB.2022.OS32-2 Computer Interface (BCI) OS32-3 10.5954/ICAROB.2022.OS32-3 https://www.doi.org/10.5954/ICAROB.2022.OS32-3 https://www.doi.org/10.5954/ICAROB.2022.OS32-3	OS32-1	10.5954/ICAROB.2022.OS32-1	https://www.doi.org/10.5954/ICAROB.2022.OS32-1	
IOS32-3 I10.5954/ICAROB.2022.OS32-3 Inttps://www.doi.org/10.5954/ICAROB.2022.OS32-3 I	OS32-2	10.5954/ICAROB.2022.OS32-2	https://www.doi.org/10.5954/ICAROB.2022.OS32-2	
	OS32-3	10.5954/ICAROB.2022.OS32-3	https://www.doi.org/10.5954/ICAROB.2022.OS32-3	

OS32-4	10.5954/ICAROB.2022.OS32-4	https://www.doi.org/10.5954/ICAROB.2022.OS32-4	Voice User Interface(Vul) Smart Office Door Application in the Context of Covid-19 Pandemic
OS32-5	10.5954/ICAROB.2022.OS32-5	https://www.doi.org/10.5954/ICAROB.2022.OS32-5	Endometrial Cell Images Segmentation: A Comparative Study
OS32-6	10.5954/ICAROB.2022.OS32-6	https://www.doi.org/10.5954/ICAROB.2022.OS32-6	Temperature Control Using Fuzzy Controller for Variable Speed Vapor Compression Refrigerator System
OS32-7	10.5954/ICAROB.2022.OS32-7	https://www.doi.org/10.5954/ICAROB.2022.OS32-7	Automatic Dry Waste Classification for Recycling Purpose
OS32-8	10.5954/ICAROB.2022.OS32-8	https://www.doi.org/10.5954/ICAROB.2022.OS32-8	A Low-Cost Smart Parcel Box System with Enhanced Security
OS32-9	10.5954/ICAROB.2022.OS32-9	https://www.doi.org/10.5954/ICAROB.2022.OS32-9	Classification of Body Mass Index Based Face Images Using Facial Landmarks
			Approach and PCA plus LDA
OS33-1	10.5954/ICAROB.2022.OS33-1	https://www.doi.org/10.5954/ICAROB.2022.OS33-1	A Visual Measurement Algorithm of Approaching Vehicle Speed Based on Deep
	,		Learning
OS33-2	10.5954/ICAROB.2022.OS33-2	https://www.doi.org/10.5954/ICAROB.2022.OS33-2	Target Search Based on Scene Priors
OS33-3	10.5954/ICAROB.2022.OS33-3	https://www.doi.org/10.5954/ICAROB.2022.OS33-3	A Generalized Hamiltonian Conservative System with Multi-scroll Chaotic Flows
OS33-4	10.5954/ICAROB.2022.OS33-4	https://www.doi.org/10.5954/ICAROB.2022.OS33-4	Multi-stability and FPGA Implementation of a Conservative Chaotic System
OS33-5	10.5954/ICAROB.2022.OS33-5	https://www.doi.org/10.5954/ICAROB.2022.OS33-5	A New Hyperchaotic Financial System
00044	10.5954/ICAROB.2022.OS34-1	https://www.doi.org/10.5954/ICAROB.2022.OS34-1	Research on Path Planning Algorithms of Multiple Mobile Robots in Intelligent
OS34-1			Warehousing
	10.5954/ICAROB.2022.OS34-2	https://www.doi.org/10.5954/ICAROB.2022.0S34-2	Research on the Effectiveness of Monocular Visual SLAM Depth Estimation Base on
OS34-2			Improved ORB Algorithm
0004.0	10.5954/ICAROB.2022.OS34-3	https://www.doi.org/10.5954/ICAROB.2022.0S34-3	Corner Detection Algorithm Based on Edge Contour in Automatic Loading
OS34-3			Positioning
PS1	10.5954/ICAROB.2022.PS1	https://www.doi.org/10.5954/ICAROB.2022.PS1	Robotics for Growing Life
PS2	10.5954/ICAROB.2022.PS2	https://www.doi.org/10.5954/ICAROB.2022.PS2	Road To Cyber Physical Factory (Application Examples of Intelligent Factory and its
F52			Technology)
PS3	10.5954/ICAROB.2022.PS3	https://www.doi.org/10.5954/ICAROB.2022.PS3	Robot Technology, and its Development Trend