ICAROB2018 DOIs List

ID	DOI	URL	Title
GS1-1	10.5954/ICAROB.2018.GS1-1	https://www.doi.org/10.5954/ICAROB.2018.GS1-1	Production simulation of autonomous decentralized FMS including AGVs with different personalities of mind
GS1-2	10.5954/ICAROB.2018.GS1-2	https://www.doi.org/10.5954/ICAROB.2018.GS1-2	Development of Automatic Recognition of Hazmat Marking Chart for Rescue Robot
GS1-3	10.5954/ICAROB.2018.GS1-3	https://www.doi.org/10.5954/ICAROB.2018.GS1-3	Development of Autonomous Robot for Laborsaving of the Forestry Discrimination between trees and weeds using RGB-D
GS10-1	10.5954/ICAROB.2018.GS10-1	https://www.doi.org/10.5954/ICAROB.2018.GS10-1	A review on fundamental advancements of black hole algorithm
GS10-2	10.5954/ICAROB.2018.GS10-2	https://www.doi.org/10.5954/ICAROB.2018.GS10-2	A survey on applications of black hole algorithm
GS10-3	10.5954/ICAROB.2018.GS10-3	https://www.doi.org/10.5954/ICAROB.2018.GS10-3	Black hole white hole algorithm with local search
GS10-4	10.5954/ICAROB.2018.GS10-4	https://www.doi.org/10.5954/ICAROB.2018.GS10-4	Tele-Operation of a Legged Robot by a Virtual Marionette System - First report: The first prototype and the usefulness of the reaching task-
GS2-1	10.5954/ICAROB.2018.GS2-1	https://www.doi.org/10.5954/ICAROB.2018.GS2-1	Design and Evaluation of Passively Powered Knee Exoskeleton (PPKE) for Squat Lifting
GS2-2	10.5954/ICAROB.2018.GS2-2	https://www.doi.org/10.5954/ICAROB.2018.GS2-2	Behavior design of robot arm imitating the consciousness mechanism of living organisms Representation of facial expression in transition process of emotion
GS2-3	10.5954/ICAROB.2018.GS2-3	https://www.doi.org/10.5954/ICAROB.2018.GS2-3	Study of Robot Navigation for Forest Management
GS2-4	10.5954/ICAROB.2018.GS2-4	https://www.doi.org/10.5954/ICAROB.2018.GS2-4	Development of the sense system that is combined force feedback and visual feedback - Deformable virtual objects simulation by using LEM-
GS2-5	10.5954/ICAROB.2018.GS2-5	https://www.doi.org/10.5954/ICAROB.2018.GS2-5	A four-legged robot's soft feet structural design and walking gait generated from inverse kinematics
GS2-6	10.5954/ICAROB.2018.GS2-6	https://www.doi.org/10.5954/ICAROB.2018.GS2-6	Powered Ankle Exoskeletons: Existent Designs and Control Systems
GS3-1	10.5954/ICAROB.2018.GS3-1	https://www.doi.org/10.5954/ICAROB.2018.GS3-1	Management of digital records inspired by Complex Systems with RADAR
GS3-2	10.5954/ICAROB.2018.GS3-2	https://www.doi.org/10.5954/ICAROB.2018.GS3-2	Integrated Optimization of Differential Evolution with Grasshopper Optimization Algorithm
GS3-3	10.5954/ICAROB.2018.GS3-3	https://www.doi.org/10.5954/ICAROB.2018.GS3-3	Efficient collective search by agents that remember failures
GS3-4	10.5954/ICAROB.2018.GS3-4	https://www.doi.org/10.5954/ICAROB.2018.GS3-4	The Analysis of Band Structure of Photonic Crystals
GS3-5	10.5954/ICAROB.2018.GS3-5	https://www.doi.org/10.5954/ICAROB.2018.GS3-5	A Data Estimation Technique for Incomplete Telemetry Data based on a Genetic Algorithm with Data' Statistical Properties
GS4-1	10.5954/ICAROB.2018.GS4-1	https://www.doi.org/10.5954/ICAROB.2018.GS4-1	Study on Detection of Nests on Pylon from Overhead View Based on Halcon
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GS4-4	10.5954/ICAROB.2018.GS4-4	https://www.doi.org/10.5954/ICAROB.2018.GS4-4	Anomaly Detection of Disaster Areas from Satellite Images Using Convolutional Autoencoder and One-class SVM
GS5-1	10.5954/ICAROB.2018.GS5-1	https://www.doi.org/10.5954/ICAROB.2018.GS5-1	Improving EEG-based BCI Neural Networks for Mobile Robot Control by Bayesian Optimization
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GS6-1	10.5954/ICAROB.2018.GS6-1	https://www.doi.org/10.5954/ICAROB.2018.GS6-1	Interactive musical editing system to support human errors and offer personal preferences for an automatic piano -Inferring performance expression by considering change of pitch-
GS6-2	10.5954/ICAROB.2018.GS6-2	https://www.doi.org/10.5954/ICAROB.2018.GS6-2	Analysis of Malaysian Facial Expressions for Designing Virtual Agents
GS6-3	10.5954/ICAROB.2018.GS6-3	https://www.doi.org/10.5954/ICAROB.2018.GS6-3	Development of VR system to enhance understanding process of robot mechanisms
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GS6-5	10.5954/ICAROB.2018.GS6-5	https://www.doi.org/10.5954/ICAROB.2018.GS6-5	Lessons on the Reality-Gap: Iterations between Virtual and Real Robots
GS7-1	10.5954/ICAROB.2018.GS7-1	https://www.doi.org/10.5954/ICAROB.2018.GS7-1	Fractional Order Sliding Mode Control Applying on the HIV Infection System
GS7-2	10.5954/ICAROB.2018.GS7-2	https://www.doi.org/10.5954/ICAROB.2018.GS7-2	Skill-based Job Rotation Scheduling for Occupational Noise Exposure Control
GS7-3	10.5954/ICAROB.2018.GS7-3	https://www.doi.org/10.5954/ICAROB.2018.GS7-3	A Training Method for the Speech Controlled Environmental Control System Based on Candidate Word Discriminations*
GS8-1	10.5954/ICAROB.2018.GS8-1	https://www.doi.org/10.5954/ICAROB.2018.GS8-1	Design System of Cell Type Assembly Machine with Dual Arms Robot by GA
GS8-2	10.5954/ICAROB.2018.GS8-2	https://www.doi.org/10.5954/ICAROB.2018.GS8-2	Spherical Mobile Robot Driven by Biorthogonal Omnidirectional Wheels
GS8-3	10.5954/ICAROB.2018.GS8-3	https://www.doi.org/10.5954/ICAROB.2018.GS8-3	Coordinated behavior with a Pepper Humanoid robot to estimate the distance of other robot using Inverse Perspective Mapping
GS8-4	10.5954/ICAROB.2018.GS8-4	https://www.doi.org/10.5954/ICAROB.2018.GS8-4	Control Techniques of Quadrotor UAVs: a Concise Analysis
GS8-5	10.5954/ICAROB.2018.GS8-5	https://www.doi.org/10.5954/ICAROB.2018.GS8-5	A GIS Based Hydrological Model for River Water Level Detection & Flood Prediction featuring morphological operations.
GS9-1	10.5954/ICAROB.2018.GS9-1	https://www.doi.org/10.5954/ICAROB.2018.GS9-1	Analysis of onboard sensor-based odometry for a quadrotor UAV in outdoor environment
GS9-10	10.5954/ICAROB.2018.GS9-10	https://www.doi.org/10.5954/ICAROB.2018.GS9-10	Self-Generated Dataset for Category and Pose Estimation of Deformable Object
GS9-11	10.5954/ICAROB.2018.GS9-11	https://www.doi.org/10.5954/ICAROB.2018.GS9-11	Design and Development of Three Arms Transmission Line Inspection Robot
GS9-2	10.5954/ICAROB.2018.GS9-2	https://www.doi.org/10.5954/ICAROB.2018.GS9-2	Memristive neuron integration in digital robotic embodiment
GS9-3	10.5954/ICAROB.2018.GS9-3	https://www.doi.org/10.5954/ICAROB.2018.GS9-3	Russian mobile robot Servosila Engineer: designing an optimal integration of an extra laser range finder for SLAM purposes
GS9-4	10.5954/ICAROB.2018.GS9-4	https://www.doi.org/10.5954/ICAROB.2018.GS9-4	Toward automated open wound suturing using haptic feedback: detecting wounds and planning the suture
GS9-5	10.5954/ICAROB.2018.GS9-5	https://www.doi.org/10.5954/ICAROB.2018.GS9-5	Establishing Effective Teaching for Robotics: a comparison study of Bachelor students participated in Introduction to Robotics course
GS9-6	10.5954/ICAROB.2018.GS9-6	https://www.doi.org/10.5954/ICAROB.2018.GS9-6	Development of a heterogeneous aerial swarm control framework for forest management
GS9-7	10.5954/ICAROB.2018.GS9-7	https://www.doi.org/10.5954/ICAROB.2018.GS9-7	Implementation of ROS package for simultaneous video streaming from several different cameras

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IS-5	10.5954/ICAROB.2018.IS-5	https://www.doi.org/10.5954/ICAROB.2018.IS-5	Harnessing over a Million CPU Cores to Solve a Single Hard Mixed Integer Programming Problem on a Supercomputer
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OS11-4	10.5954/ICAROB.2018.OS11-4	https://www.doi.org/10.5954/ICAROB.2018.OS11-4	On methods for teaching in training for keeping tempo constant in music*
OS11-5	10.5954/ICAROB.2018.OS11-5	https://www.doi.org/10.5954/ICAROB.2018.OS11-5	Reinforcement Learning as a Theoretical Framework for Education*
OS12-1	10.5954/ICAROB.2018.OS12-1	https://www.doi.org/10.5954/ICAROB.2018.OS12-1	Negative Test Case Generation from an Extended Place/Transition Net-Based Mutants
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OS12-3	10.5954/ICAROB.2018.OS12-3	https://www.doi.org/10.5954/ICAROB.2018.OS12-3	Implementation of RETUSS to Ensure Traceability between Class Diagram in UML and Java Source Code in Real Time
OS12-4	10.5954/ICAROB.2018.OS12-4	https://www.doi.org/10.5954/ICAROB.2018.OS12-4	Prototype of a Tool to Defect Specific Comments
OS13-1	10.5954/ICAROB.2018.OS13-1	https://www.doi.org/10.5954/ICAROB.2018.OS13-1	A Recipe Decision Support System with Recognition Ability Recording Function Using Knowledge Information and Agent
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