

LIST OF ACCEPTED PAPERS

CODE	TITLE
001-MS	Factors Affecting Irradiation of Nano & Micro Materials by Laser Treatment Industrial Unit
002-CM	ICI and PAPR Enhancement in MIMO-OFDM System Using RNS Coding
008-MO	Aircraft Protection of Complex threat Platforms through Integrated EWOS Application
013-ST	Structural Behavior of Inflatable PVC Fabric Cylindrical Tubes
014-MS	Process Parameters Optimization for Producing AA6061/ (Al ₂ O ₃ , Gr, Al ₂ O ₃ +Gr) Surface Composites by Friction Stir Processing
015-CT	Modeling and Control of Unstable Mechanical Systems Using Control Moment Gyro (CMG)
016-ST	Investigating the Effect of Engine Mass on Plate-Like Wings' Stability Using the Finite Element Method
021-CT	Motion Control of an Aircraft Integrated Electro-Hydraulic Servo Actuator
030-PP	Black-Box Modeling of Gas Turbine Engine's Electrohydraulic Fuel Metering System
031-MO	Waste reduction by linear programming optimizing
037-HF	Condition based monitoring of a small centrifugal pump by vibration analysis
038-MS	Impact and bending analysis of composite scarf adhesive joints modified with MWCNTs at room and hot temperatures
039-ET	Assessment of AA7075/ SiO ₂ Surface Composites Fabricated by Friction Stir Processing
045-US	Control of Master Slave Robotic System Using Optimal Control Schemes
053-PP	Testing and Evaluation Program of Lab. Scale Hybrid Propulsion System
055-PP	Firing Test and Evaluation of Coaxial Pulsed Plasma Thruster

056-RS	UAS Systems for Automatic Tracking of Ground Moving Objects
059-CA	Burning Rate of polyurethane composite Propellant with Energetic nano-composite additives
060-CA	Performance of Advanced Composite Solid Rocket Propellants based on Novel Oxidizers
061-CA	Optimization of Low Signature Base Bleed Propellant formulations
062-CA	Performance Characteristic of Modified HMX-Gun Propellants
063-CA	Performance, mechanical and thermal properties of Double Base Rocket Propellant including copper oxide as burning rate modifier
064-CE	Reliability Prediction of On-board Subsystem Satellite by Monte Carlo Methodology
068-ST	Review of challenges of the Design of Rocket motor case structures
072-CM	Chaos modulation in Semiconductor Laser With optoelectronic feedback
073-CT	Controller Parameter Tuning Using Actor-Critic Algorithm
074-TH	Investigation the Effectiveness of Using Heat Pipe on the Temperature Uniformity Distribution over the SC Equipment Panel
075-PP	Numerical Performance Investigation of a Thrust-Optimized Nozzle at Different Altitudes
076-RS	Feature extraction from High resolution Satellite Images Using K-means and Color Threshold Approach
078-ET	Agile Mission Optimization for a Constellation of Earth Observation Satellites
079-US	Modeling and Simulation of 3DOF Parallel Manipulator Using Artificial Neural Network
1001-ET	CAM MANUFACTURING: CHALLENGES AND OPPORTUNITIES
1012-CT	Mobile Robot Position Estimation using Euler-Maruyama Algorithm
1027-ST	Design Optimization for a Three Layers Shrink-Fitted Pressure Vessel Exposed to Very High Pressure
1033-RS	AUTOMATED UNSUPERVISED CHANGE DETECTION TECHNIQUE FROM RGB COLOR IMAGE
1039-GV	Estimating Uncertainties for the Driving Torque in Continuous Flight Augur Machine during drilling operation
1045-CT	Simulation and modeling of flight missile dynamics and autopilot analysis
1046-CT	Implementation and Validation of Autopilot Design for Vertical Launch Missile Systems

1051-CT	Design of roll autopilot for missile
1052-EP	Efficient low power consumption approaches For attitude estimation
1053-AE	Unsteady Numerical Analysis of Drag on Non-Winged Hypersonic Vehicle during Re-entry
1061-FM	Flight Dynamic Model for Low Earth Orbit Satellites
1065-PP	mathematical Simulation OF hydrogen and synthetic diffusion flames in micro burners of different materials
1068-CM	LTE Wide Band Metamaterial Antenna
1071-RS	A Road Map to the Detection Performance of LFM-PC Search Radars with CFAR Detectors
1072-RS	Improvement detection of off pin targets in FMCW radar
1073-PP	Parametric study for reducing emission characteristics using different computational schemes
1084-CM	Outdoor RF Spectral Study Available from Cell-phone Towers in Sub-urban Areas for Ambient RF Energy Harvesting
1086-AE	Performance Analysis for Aerial-towing System
1087-OE	Structure and Optical Properties of 1D- Bi based Organic-Inorganic Hybrid Perovskite
1098-PP	Thermal and Combustion Characteristics of A Double Ring Burner with Different Swirling Flow Patterns
1099-US	Novel functionalization treatment of MWCNTs for unmanned aerial vehicle structure
1104-PP	Study of Cold Spray and Combustion Stability of Effervescent Atomizer
1107-PP	Spray Combustion Characteristics of Effervescent Atomizer inside Experimental Furnace
1115-CM	A Generic Analytical Formula for Range Side-Lobes Cancellation Filters in Pulse Compression Phase Coded Waveforms
1116-HF	vibration caused by swing check valve closure
1118-CM	Design and Validation of a Sliding Mode Disturbance Observer-Based Control for a Cubesat Nano-satellite
1119-RS	Improved Perturb and Observe Maximum Peak Power Tracking for Solar Satellite Systems
1120-CM	SoftSectored Fractional Frequency Reuse in LTE-Advanced Networks

1121-ST	Factors Affecting Stress Distribution in Wind Turbine Blade
1122-CA	Composite Solid Rocket Propellant based on GAP polyurethane matrix with different plasticizers
1123-CA	Involving PETN explosive into polyurethane polymer matrix for reactive armour applications
1124-CA	Characteristics of EPX-P20 as a paste explosive
1125-CA	Theoretical and experimental study of underwater explosion performance of selected explosive compositions
1128-CM	Performance of LTE Downlink Communication System in Presence of Electronic Warfare Spot Jamming
1131-RS	Optimized Planar Terahertz Yagi-Uda Antenna Using Hybrid GSA-PSO Optimization Algorithm
1132-IT	Enhancing the Performance of CNN-Based Blind Image Steganalysis Approach using Multi-GPU TESLA P100
1135-CM	Design and Implementation of New Security Architecture for Wireless Network
1140-EP	Fuzzy Estimation of the mean for electric load consumption based on different algorithms
1141-RS	Design, Simulation and implementation of Low Cost Microstrip Array Antenna for Ku – Band Satellite System
1142-RS	Design and Implementation of an Advanced Radar Signal Processor with Waveform Generator and BIST Unit on a Single FPGA Chip
1143-CM	Enhanced Grayscale Image Transmission Over HF Channel
1144	Wi-Fi Based Indoor Localization Using Trilateration and Fingerprinting Methods
1148-PP	Vaporization-Controlled Simplified Model for Liquid Propellant Rocket Engine Combustion Chamber Design
1152-RS	Ultra-Wide Band Microstrip Antenna for 4G Applications
1155-CT	Intelligent Feedback Stabilization of MIMO Systems Based on Additively Decomposable Property
1156-AF	Modeling and prediction of Aerodynamic characteristics of free fall rotating wing based on Experiments
1157-RS	Detection of Targets with Small Apparent Doppler Frequencies in LFM CW Radars
1158-CT	PID vs. Backstepping Control for Cooperative Quadrotors Unmanned Aerial Vehicles

1165-CT	Modeling of Fixed Wing UAV and Design of Multivariable Flight Controller Using PID Tuned by Local Optimal Control
1166-RS	Automated vehicle detection in satellite images using deep learning
1168-	Numerical simulation of the stochastic Burgers' equation using MLMC and CBC algorithm
1169-EP	Satellite battery sensor values prediction using Bayesian ridge regression models
1173-RS	LFM-PC Radar Evaluation in Presence of Jamming using SystemVue
1174-PP	Design of HHO Cell as Energy Source for Electric Vehicles
1178-CM	Low-Cost Steerable Antenna for Satellite Applications
1180-CA	Thermal behavior of MWCNT/ammonium perchlorate particles
1181-CT	Multivariable Flight Controller Design for Ultrastick-25e UAV
1182-EP	Harmonic mitigation for power rectifier using passive filter combination
1183-RS	Design and Implementation Patch antenna with Different Fractal Shape
1184-CM	Design and Implementation of LTE Wide Band Coupler
1186 -AF	Aerodynamic Characteristics of rotating wing using blade element theory
1139-CA	Mechanical behaviour of rubber hybrid composites.
081-MS	Experimental verification of the parameters affecting the characteristics of Mechanical and Corrosion behaviour Conventional and High-speed remote scanner laser welding of stainless steel joints
086-CT	Real-Time Ground Target Localization and Recognition Via Descriptors Fusion
092-CV	Depolarization diagnose of PWAS used for EMI based structural health monitoring system for composite plates
1101-IP	Hyper Spectral Imaging and Analysis of Swirling Flames Issued from Two and Four Slots Circumferential Burners
1054_ mod_new	A Proposed Index to Assess Commonality Among Aircrafts' product families
1016	Influence of Exit Configuration on the Flow Fields and Oscillation Characteristics Inside and Outside the Fluidic Oscillator
089-MS	Atomistic Simulations of Carbon and Hydrogen Segregation in Steel Alloys

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| 95-PP | Designed Simulator Plasma Characteristics of Planar Geometry Electrodes at Low Pressure Nitrogen Gas for Aerospace Applications |
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| 96-ST | A Finite Element Solution of Bergan-Wang Plate Model |
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