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Two Approaches For Solving Nonlinear Equation Systems: Newton Raphson and Red Fox

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Comparative Analysis of XAI Techniques on Telecom Churn Prediction Using SHAP and Interpreted ML Partial Dependence

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Detection of Cervical Vertebrae Using Object Detection and Semantic Segmentation Methods in Lateral Cephalometric Radiographs

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Multiple Regression-Based Prediction Method to Assess the Impact of PGA and Distance on Post-Earthquake Structural Damage Levels

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HealthCraft: A Precision Model for Smart Resource Optimisation in Dynamic Big Data Healthcare Environments

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Alpha-Amylase Activity of Lactic Acid Bacteria Isolated from Different Fermented Products: Characterization of *Latilactobacillus Curvatus* Y2-1B Amylase

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Investigation of Hydrological Droughts in the Eastern Mediterranean Basin Using Hybrid Trend Analysis Methods

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Macro and Micro Nutritional Content and Physiochemical Soil Properties of Some Naturel Medicinal and Aromatic Plants

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Engineering Geology and Bearing Capacity Calculation of Soil in Karacadağ Region

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**In vitro Anti-amoebic and Cytotoxic Activity of *Rosa gallica* and *Picea orientalis*
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**Identification and Diagnosis of Asynchronous Motor Imbalance Faults Using
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Comparative Review of Graphical User Interface Based Data Visualization Tools

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Design and Implementation of a GPS-Based UAV Tracking Antenna System Using LabVIEW

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Rupture Degree of Some Wheel Related Graphs

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Numerical Analysis of Structural Behavior and Damage Mechanisms in Shear-Deficient Reinforced Concrete Columns Retrofitted with RC Jacketing

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Artificial Intelligence and Classification Algorithms In Heart Disease Data: Modern Approaches And Performance Comparison

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Use of L-Lactate Dehydrogenase Immobilized on Carboxylated Multiwalled Carbon Nanotubes/Polyaniline/Pencil Graphite Electrode as a Lactate Biosensor

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Investigation of Radiation Interaction Parameters of Anti-Human Immunodeficiency Virus Drugs in Wide Energy Region

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Poly(ε-Caprolactone)/Poly(Ethylene Glycol)Dithiol Electrospun Nanofibers As a Carrier for the Potent Phytomedicine Bromelain

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Synthesis, Characterization and Investigation of Some Photophysical Properties of Novel Benzothiazole Based Pyridine Derivative

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Prediction of Turkish Constitutional Court Decisions in Terms of Admissibility and Violation of Rights With Artificial Intelligence

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A Residual Neural Network with a Novel Orthogonal Regularization for Covid-19 Diagnosis using X-ray images

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Enhancing Geometry Education through Deep Learning Models: Addressing Challenges in Three-Dimensional Shape Visualization

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Spatial Patterns of Species Diversity in the Saline Vegetation of Central Anatolia, Türkiye

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