S. No	IMAGE PROCESSING PROJECT TITLE
TTSIM1	Deep Transfer Learning Strategy to Diagnose Eye-Related Conditions and Diseases: An Approach Based on Low-Quality Fundus Image
TTSIM2	Quality Assessment of Low-Light Restored Images: A Subjective Study and an Unsupervised Model
TTSIM3	Internet of Things and Deep Learning Enabled Diabetic Retinopathy Diagnosis Using Retinal Fundus Image
TTSIM4	Object Tracking in SWIR Imaging Based on Both Correlation and Robust Kalman Filters
TTSIM5	Data Augmentation Based on Generative Adversarial Networks for Endoscopic Image Classification
TTSIM6	Automated Image Annotation With Novel Features Based on Deep ResNet50-SLT
TTSIM7	A Comprehensive Study of Digital Image Steganographic Techniques
TTSIM8	FaceIDP: Face Identification Differential Privacy via Dictionary Learning Neural Networks
TTSIM9	CT Lung Nodule Segmentation: A Comparative Study of Data Preprocessing and Deep Learning Models
TTSIM10	Modality Specific CBAM-VGGNet Model for the Classification of Breast Histopathology Images via Transfer Learning
TTSIM11	Smart Traffic Monitoring Through Pyramid Pooling Vehicle Detection and Filter-Based Tracking on Aerial Images
TTSIM12	Semantic Segmentation of Fish and Underwater Environments Using Deep Convolutional Neural Networks and Learned Active Contours
TTSIM13	Deep Regression Network With Sequential Constraint for Wearable ECG Characteristic Point Location
TTSIM14	Artificial Intelligence and Biosensors in Healthcare and Its Clinical Relevance: A Review
TTSIM15	Research on Histogram Equalization Algorithm Based on Optimized Adaptive Quadruple Segmentation and Cropping of Underwater Image(AQSCHE)
TTSIM16	An Efficient Method to Accurately Cluster Large Number of High Dimensional Facial Images
TTSIM17	TransU2-Net: A Hybrid Transformer Architecture for Image Splicing Forgery Detection
TTSIM18	An Innovative Approach to Electrical Motor Geometry Generation Using Machine Learning and Image Processing Techniques
TTSIM19	KTFEv2: Multimodal Facial Emotion Database and Its Analysis
TTSIM20	An Improved Dense CNN Architecture for Deep fake Image Detection
TTSIM21	Vision Transformers for Vein Biometric Recognition
TTSIM22	A Lightweight Attention-Based Convolutional Neural Networks for Fresh-Cut Flower Classification

TTSIM23	Accuracy Evaluation and Prediction of Single-Image Camera Calibration
TTSIM24	MAMIQA: No-Reference Image Quality Assessment Based on Multiscale Attention Mechanism With Natural Scene Statistics
TTSIM25	YOLOv5-Based Model Integrating Separable Convolutions for Detection of Wheat Head Images
TTSIM26	A Survey on Synthetic Biometrics: Fingerprint, Face, Iris and Vascular Patterns
TTSIM27	Learning From Multiple Expert Annotators for Enhancing Anomaly Detection in Medical Image Analysis
TTSIM28	EBAT: Enhanced Bidirectional and Autoregressive Transformers for Removing Hairs in Hairy Dermoscopic Images
TTSIM29	Automated Molecular Subtyping of Breast Carcinoma Using Deep Learning Technique
TTSIM30	Energy-Efficient Object Tracking Using Adaptive ROI Subsampling and Deep Reinforcement Learning
TTSIM31	Compressive Wavelet Domain Deep CNN for Image Classification Using Genetic Algorithm Based Sensing Mask Learning
TTSIM32	Reversible Data Hiding Method for Interpolated Images Based on Modulo Operation and Prediction-Error Expansion
TTSIM33	Toward Deep-Learning-Based Methods in Image Forgery Detection: A Survey
TTSIM34	Malaria Disease Cell Classification With Highlighting Small Infected Regions
TTSIM35	Enhanced Text-to-Image Synthesis With Self-Supervision
TTSIM36	Secure Medical Image Communication Using Fragile Data Hiding Based on Discrete Wavelet Transform and A5 Lattice Vector Quantization
TTSIM37	Deep Learning in Cervical Cancer Diagnosis: Architecture, Opportunities, and Open Research Challenges
TTSIM38	Deep Learning-Based Multiscale Pyramid Sieve and Analysis Module in Image Segmentation
TTSIM39	A Novel Image Cryptosystem Inspired by the Generation of Biological Protein Sequences
TTSIM40	A Deep Learning-Based Experiment on Forest Wildfire Detection in Machine Vision Course
TTSIM41	A Regional-Attentive Multi-Task Learning Framework for Breast Ultrasound Image Segmentation and Classification
TTSIM42	Non-Relaxation Deep Hashing Method for Fast Image Retrieval

TTSIM43	Exploring the Viability of Bypassing the Image Signal Processor for CNN-Based Object Detection in Autonomous Vehicles
TTSIM44	Deep Cleaner—A Few Shot Image Dataset Cleaner Using Supervised Contrastive Learning
TTSIM45	A High-Quality Rice Leaf Disease Image Data Augmentation Method Based on a Dual GAN
TTSIM46	Hyperspectral Image Classification: An Analysis Employing CNN, LSTM, Transformer, and Attention Mechanism
TTSIM47	FieldPlant: A Dataset of Field Plant Images for Plant Disease Detection and Classification With Deep Learning
TTSIM48	Classification of Liver Fibrosis From Heterogeneous Ultrasound Image
TTSIM49	Multiscale Adaptive Fusion Network for Hyperspectral Image Denoising
TTSIM50	A Copyright-Preserving and Fair Image Trading Scheme Based on Blockchain
TTSIM51	Proportionally Fair Hospital Collaborations in Federated Learning of Histopathology Images
TTSIM52	DeepEIT: Deep Image Prior Enabled Electrical Impedance Tomography
TTSIM53	Enhanced Feature Model Based Hybrid Neural Network for Text Detection on Signboard, Billboard and News Tickers
TTSIM54	Underwater Image Enhancement based on Optimal Contrast and Attenuation Difference
TTSIM55	Modified Salp Swarm Algorithm With Deep Learning Based Gastrointestinal Tract Disease Classification on Endoscopic Images
TTSIM56	Building Detection From Panchromatic and Multispectral Images With Dual-Stream Asymmetric Fusion Networks
TTSIM57	Noise-Against Skeleton Extraction Framework and Application on Hand Gesture Recognition
TTSIM58	An Underwater Target Wake Detection in Multi-Source Images Based on Improved YOLOv5
TTSIM59	Spatial Context-Aware Object-Attentional Network for Multi-Label Image Classification
TTSIM60	Class-Adaptive Data Augmentation for Image Classification
TTSIM61	Low-Light Image Enhancement Using a Simple Network Structure
TTSIM62	Multi-Level Residual Feature Fusion Network for Thoracic Disease Classification in Chest X-Ray Images
TTSIM63	Image Generation and Recognition Technology Based on Attention Residual GAN

TTSIM64	Detecting COVID-19 From Lung Computed Tomography Images: A Swarm Optimized Artificial Neural Network Approach
TTSIM65	A Deep Ensemble Learning-Based CNN Architecture for Multiclass Retinal Fluid Segmentation in OCT Images
TTSIM66	AlzheimerNet: An Effective Deep Learning Based Proposition for Alzheimer's Disease Stages Classification From Functional Brain Changes in Magnetic Resonance Images
TTSIM67	Application of X-Ray Imaging and Convolutional Neural Networks in the Prediction of Tomato Seed Viability
TTSIM68	Text-Guided Image Manipulation via Generative Adversarial Network With Referring Image Segmentation-Based Guidance
TTSIM69	A Comprehensive Review of Deep Learning-Based Real-World Image Restoration
TTSIM70	Framework for Illumination Estimation and Segmentation in Multi-Illuminant Scenes
TTSIM71	An SIFT-Based Fast Image Alignment Algorithm for High-Resolution Image
TTSIM72	Urinary Stones Segmentation in Abdominal X-Ray Images Using Cascaded U-Net Pipeline With Stone-Embedding Augmentation and Lesion-Size Reweighting Approach
TTSIM73	A Non-Reference Evaluation of Underwater Image Enhancement Methods Using a New Underwater Image Dataset
TTSIM74	Low-Light Image Enhancement Using a Simple Network Structure
TTSIM75	LiCENt: Low-Light Image Enhancement Using the Light Channel of HSL
TTSIM76	Toward Robust and Efficient Low-Light Image Enhancement: Progressive Attentive Retinex Architecture Search
TTSIM77	Improving Image Compression With Adjacent Attention and Refinement Block
TTSIM78	Comparison of Fractal Image Compression Techniques