

Keyword Index

5G cellular networks

6G

6LoWPAN

a new multi-agent reinforcement learning algorithm

a simulated hunting game

Academic Achievement

academic program management

Accuracy

accuracy

Acoustic Communication

Action recognition

ad-hoc

alumni career

Analysis

analysis.

and heterogeneous sensors

ANFIS-GA

ANN-GA

Anti-virus

Apple Fruit

Architecture

Arduino

Array Queue

Artificial Intelligence

Artificial intelligence

artificial neural networks (ANNs)

auditory graph

Automatic load identification

Automatic speech recognition

binarization

Bioinformatics

Bionic models

Bitcoin

Black Hole Algorithm

blockchain

Blockchain

Bloom Taxonomy

buck-boost

C3R

Camera

Carbon Dioxide Emission
cardio vascular disease
Classification
Chemometric
Ciphertext
Class Imbalance
Classification
classification
classifier
cleaning
Clinical Decision Support Systems
Clinical Descriptive Analytics
Cloud
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Cloud computing
Cloud Computing.
Cloud of Things
Cluster
clustering
CMOS
CNN
Color features
Communication
community engagement
Compare-and-swap
Computational Biology
Computational Complexity
Computer Vision
Concurrent Queue
Connectivity Restoration
Convolutional Neural Network
Convolutional Neural Networks
Convolutional neural networks
Coordination question
correlation analysis
Coulomb Counting
Cross Correlation
cross-layer
Cryptanalysis
Crypto Ransomware
Cryptocurrency
Cryptography
customer
Cyber-attack

D2D
data analytics
Data Augmentation Big data remote sensing image

Data mining
Data reduction
Data security
Data Transmission
Data Visualization
Datapath
DCT
DDoS
Decision Tree
Decision Tree (DT)
DEENR
Deep Convolutional Neural Network
deep learning
Deep Learning
Deep learning
Deep machine learning
Deep Neural Networks
delay
demand response
Department of Tafseer and Hadith
Detection
DFG
Differential Evolution
Digital Lock
Digram
Dimensionality Reduction.
Disease segmentation
Distributed Denial of Service
drones
DUC

E-learning
Eddy Current Brake
edge computing
Edge Computing
edge preserving
Educational data analytics
ELEC-LEACH
Electrocardiogram (ECG)
Electromagnet
Electronic Health Records
Electronic Medical Records
Embedded Processing
emotion
Energy
Energy efficient Least Edge Computation
energy management system
entropy

environment
environmental influences
Environmental Sustainability
EPDF
Error Feedback
eSIM
ETA
Event-Driven Processing
Event-driven processing
Events
Evolutionary Algorithm
Experience API
Extended Tiny Encryption Algorithm (XTEA)

Face Recognition
Face recognition
Failure factors
Failure prediction
Failure probability.
FEA
feature extraction
Feature Pyramids Network
feature selection
Features extraction
features fusion
Features selection
features selection
Figurative language
Fill-in Queue
filter-based
Fingerprint
Finite Element Method
flood warning system
Fog computing
Fog nodes
Foot drop gait abnormality
Frequencies
fully cooperative multi-agent system (MASs)
fuzzy

Genetic Algorithm
Geo-tagged Snapchat
Gesture Recognition
Glaucoma
Global Positioning System
Google Maps
Graphic Processing Unit
Graphical User Interface

green cloud
Green cloud computing
Green computing
Grid Computing
GRU
guide filter

Handover
handwriting matching
Hash-based Signatures
Hausa
Healthcare
heat stores.
heat transfer
Hierarchical routing
Hierarchical structure
High-level synthesis
HPC
Human detection
Human-Computer Interaction
hydrogen leakage

image classification
image fusion
Image Processing
Image Ranking
impaired vision
Impression
incremental conductance
Information security
infrared
Integral image
Intercultural Collaboration
Internet of Things
Internet traffic
Interoperability
interval-valued neutrosophic number
Interval-valued neutrosophic sets
IoT
IoT Security
IP packets
IPFS

J48
jointly optimal decisions
JSON-LD

k-means

K-means classifier
k-nearest neighbor (k-NN)
knowledge representation
Kunhar River

latency
learning analytics
lexicon-based approach
Li-Fi
Li-Ion Battery
life expectancy
life expectancy at birth
Linear contrast stretching
Linked Data Structure
location management
Locker- Ransomware
Logistic regression
Long Short-Term Memory (LSTM)
LSTM

M5RT
machine learning
Machine learning
Machine Learning
Machine Learning (ML)
Machine learning methods
Malware
MATLAB
maximum power point tracking
Mel Frequency Cepstral
Melanoma detection
MEMS
Metaheuristics
micro-enterprises
microarray data
mmWave
mobile application
MobileNet
mode selection
monitoring and fault detection
monitoring system
Moodle
mortality
Movie Reviews.
Moving-average
Multi-biometric Systems
multi-class classification
multi-objective optimization

Multicriteria Optimization
Multiplexers
mutual information

n-gram
Natural Language Processing(NLP)
Naïve Bayes
Neelum River
Network
Neural Network
neuro-fuzzy controllers
NGD
NMF
Node Failure
nonnegative matrix factorization
Normalized Google Distance
NS-3
NSCT
NSGAI
NSGAIII

Off-chain Solutions
oil and gas sector
OMNeT++
Ophthalmology
Optical coherence Tomography
Optical communication
Optimization Problems

packet delivery
pairwise learning
Parallel Processing
Particle Swarm Optimization
Partitioned Network
password
Perceptive Linear Prediction
phishing attack
physical movements recognition
Pipelines
Pixel based feature extraction
Pixel based Segmentation
Plaintext
point estimation
pose-estimation
Post-Quantum Cryptography
Power RF LDMOS
predicting life expectancy
Prediction

Prediction methods.
Preprocessing
productive families
program educational objectives
Protocols

quantitative
Question Classification
quick Response Code

random forest (RF)
Random Tree
rank attack
ranking
Ransomware
Ransomware prevention
RDF
RDS-on resistance
real-time
recognition
Recognition
recommendation system
Recursive Multi-step Forecast Strategy
refuse management
Rehabilitation robotic systems
Reliability
Remote sensing Scene classification multi-instance deep learning Convolutional Neural Network
REPTree
Resource Utilization
restaurant marketing
Retinal
RetinaNet Detector
Riyadh season
Roach Infestation Optimization
Robotic networks
rotation invariant features
Routing hole problem
RPL

safety
Saudi Arabia
scene classification
SCNN
SCTP
security
Security
Semantic Closeness
Semantic web

Semantic Web
Sentiment Analysis
sentiment analysis
Shape descriptors
shortest path network
Similarity measure
Skin image lesions
SLAM
Smart meter data
smartphone sensors
Smartphones
Snapchat
Snapchat influencers
Speaker recognition
spectral clustering
spectral method
Spectroscopic data analysis
Stacked LSTM
Stacked LSTM+GRU
State of Health
statistical analysis
Statistical methods
STLF
Streamflow forecasting
stroke descriptors
Support Vector Machine
support vector regression (SVR)
Surveillance
surveillance systems
Symmetric Cryptography
System Usability Scale

Tasks Scheduling
TCE
TCP
TCR
TEM
Temperature effects
Term Weighting
text classification
Text Summarization
TF-IDF
TF-ISF
Tourists
tracking
traditional handicrafts
traffic
Transfer learning

Transfer Learning
Trigram
Triplet Sampling Levels
Trust Management
turbulent jet

UDP
Underwater Wireless Sensor Networks
Unipolar Axial
Unmanned Aerial Vehicle
username

V2I
vehicular
Visual
VLC

WannaCry
Water Price Prediction
Wireless
Wireless Sensor Network
wireless sensor network
Wireless sensor networks
wormhole attack