Patent Selections

The Patents annotated in this section have been selected from various Patent databases. These recent Patents are relevant to the articles published in this journal issue, categorized by different computation methods, bioinformatics, medical informatics, computer graphics, artificial intelligence, cybernetics, hardware architectures, software, theory and methods involved and related to computer science.

LOAD BALANCING TECHNIQUES

De Gregorio, R.J., Yang, Y. Enable interworking load control using direct signaling with NRF based load balancing and service selection. WO2021160774 (2021).


CLOUD COMPUTING SIMULATION:


QUESTION ANSWERING:


FRAMEWORKS


IRIS SEGMENTATION


OPTIMAL STOCHASTIC


PERFORMANCE PREDICTION MODEL


INTERVAL MULTI-ATTRIBUTE DECISION


RECOGNITION FOR PERSON IDENTIFICATION


QUANTITATIVE ANALYSIS


TRACTOR GEAR SHIFTING COMFORT


SELF-NAVIGATION


**CHANNEL SIGNAL**


**AUTOMATIC DETECTION**


**CONVOLUTIONAL NEURAL NETWORK**


**IMAGE RETRIEVAL SYSTEM**


**NEURAL NETWORK MODEL**


An Anatomy of a Hybrid Color Descriptor with a to Enhance the Retrieval

**ACCURACY OF AN ENERGY-EFFICIENT**


**ROUTING PROTOCOL**


Bartell, J.B., Beattie Jr, J.G. Selectively bypassing a routing queue in a routing device in a fifth generation (5g) or other next generation network. US2021258263 (2021).

**EXHAUST EMISSION**


**DIESEL ENGINE FUEL**


**TESSERACT MODEL**


**IMPROVED INTELLIGENT**


**CLUSTER ANALYSIS METHOD**


**SOFTWARE DEVELOPMENT ACTIVITIES**


**STOCK MARKET STRATEGIES**


**LEARNING ALGORITHM**


**PERFORMANCE ESTIMATION**


**WIRELESS SENSOR NETWORK**


**EVOLUTIONARY INTELLIGENT DATA**


**DISCOVERY SYSTEMS**


**OPTIMAL DEVICE**


**EDGE COMPUTING**


**DISEASE LEAF IMAGE**


**AGRICULTURAL PEST**


**NEURAL NETWORK**


**EDGE DETECTION**


**SPOKEN DIALOGUE SYSTEM**


ANALYSIS OF PERFORMANCE


CLASSIFICATION OF BREAST CANCER


GLCM FEATURE EXTRACTION

Ai, Y., Jin, J.B., Jin, X. COVID-19 rapid feature extraction system based on radiomics, rapid diagnosis system and disease course prediction system. CN112489022 (2021).

DESIGNING AN EXPERT SYSTEM


MULTIPLE MYELOMA

DECISION MAKING TECHNIQUES


ASSET SELECTION


WEB BACKEND PERFORMANCE


FLOWER POLLINATION ALGORITHM

Li, Q.W., Shen, Z.W. Power station boiler NOx emission prediction method based on monkey swarm algorithm and fast learning network. CN112598168 (2021).

HYPER-HEURISTIC


WAIT ROUTING PROTOCOLS


OPPORTUNISTIC NETWORKS


SINGULAR VALUE DECOMPOSITION


FRESNEL PHASE MASK


MODIFIED NETWORK


RELIABILITY EVALUATION

SMART SENSORS
Kariguddaiah, A. System of a Wearable Laser Device and an AI or ML Based Platform with Smart Virtual Assistant for Monitoring and Treatment of Pain including Peripheral Neuropathy. US2021260399 (2021).

TRUST MANAGEMENT MODEL

VISUAL SPEECH RECOGNITION