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Gene Selection for Cancer Classification using Support Vector Machines

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252	Occupancy prediction using deep learning approaches across multiple space types: A minimum sensing strategy. <b>2022</b> , 226, 109689	7
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250	Predicting the Mechanical Properties of Polyurethane Elastomers Using Machine Learning. <b>2023</b> , 41, 422-431	O
249	User-Tailored Hand Gesture Recognition System for Wearable Prosthesis and Armband Based on Surface Electromyogram. <b>2022</b> , 71, 1-16	O
248	Push-to-Trend: A Novel Framework to Detect Trend Promoters in Trending Hashtags. <b>2022</b> , 10, 113005	5-113017 <sub>0</sub>
247	A Smart Home Energy Management System Utilizing Neurocomputing-Based Time-Series Load Modeling and Forecasting Facilitated by Energy Decomposition for Smart Home Automation. <b>2022</b> , 10, 116747-116765	О
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191	Remote Sensing Extraction of Photovoltaic Panels in Desert Areas Based on Feature Optimization. <b>2022</b> ,	O
190	Machine Learning for Lung Cancer Diagnosis, Treatment, and Prognosis. <b>2022</b> ,	O

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188	Diagnostic metabolomic profiling of Parkinson's disease biospecimens. <b>2022</b> , 105962	O
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179 178	Analytical modeling of quality parameters in casting process Bearning-based approach.  Comparing linear discriminant analysis and supervised learning algorithms for binary classification method comparison study.  Identification of renal ischemia reperfusion injury subtypes and predictive strategies for delayed	0
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167	Development and Validation of a Machine Learning Algorithm for Problematic Menopause in the Canadian Primary Care Sentinel Surveillance Network (CPCSSN).	0
166	Shaping energy cost management in process industries through clustering and soft sensors. 10,	О
165	Efficient Feature Selection Algorithm for Gene Classification. <b>2022</b> , 165-189	0
164	A new ranking-based stability measure for feature selection algorithms.	О
163	Big Data Revolution and Machine Learning to Solve Genetic Mysteries in Crop Breeding. 2023, 83-101	O
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161	Evaluation of automatic discrimination between benign and malignant prostate tissue in the era of high precision digital pathology. <b>2023</b> , 24,	0
160	HMDE-FS: A homogeneous distributed ensemble feature selection framework based on resampling with/without replacement.	O
159	Constrained neuro fuzzy inference methodology for explainable personalised modelling with applications on gene expression data. <b>2023</b> , 13,	0
158	An Overview of Rumor and Fake News Detection Approaches. <b>2023</b> , 12-31	O
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148	Time-Varying approaches for Long-Term Electric Load Forecasting under economic shocks. <b>2023</b> , 333, 120602	O
147	Wheat phenology detection with the methodology of classification based on the time-series UAV images. <b>2023</b> , 292, 108798	1
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143	En-InfoFi: An ensemble classifier based on Information Gain and Firefly for Cancer classification. <b>2022</b> ,	0
142	C-Atlas: A Brain Mapping based on FDG-PET Images for Alzheimer's Disease Diagnosis. 2022,	O
141	Private cloud resource prediction based on combinatorial optimization algorithm. 2022,	0
140	Sleep Quality Evaluation Based on Single-Lead Wearable Cardiac Cycle Acquisition Device. <b>2023</b> , 23, 328	O
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138	Enhanced Recursive Feature Elimination for IoT Intrusion Detection Systems. 2022,	O
137	Variational quantum algorithm for unconstrained black box binary optimization: Application to feature selection. 7, 909	0
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133	Internet Financial Credit Scoring Models Based on Deep Forest and Resampling Methods. <b>2023</b> , 11, 8689	9- <b>8700</b> o
132	Prediction of Mortality Among Patients with Isolated Traumatic Brain Injury Using Machine Learning Models in Asian Countries: An International Multicenter Cohort Study.	O
131	Automatic segmentation and radiomic texture analysis for osteoporosis screening using chest low-dose computed tomography.	O
130	On the Effectiveness of Dimensionality Reduction Techniques on High Dimensionality Datasets. <b>2023</b> , 156-166	O
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126	DeepTP: A Deep Learning Model for Thermophilic Protein Prediction. 2023, 24, 2217	2
125	An in-depth and contrasting survey of meta-heuristic approaches with classical feature selection techniques specific to cervical cancer.	O
124	Identifying Biomarkers Using Support Vector Machine to Understand the Racial Disparity in Triple-Negative Breast Cancer.	O
123	Feasibility of Artificial Intelligence Assisted Quantitative Muscle Ultrasound in Carpal Tunnel Syndrome.	O
122	Domain knowledge aided machine learning method for properties prediction of soft magnetic metallic glasses. <b>2023</b> , 33, 209-219	O
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120	Development and Evaluation of BLE-Based Room-Level Localization to Improve Hand Hygiene Performance Estimation. <b>2023</b> , 2023, 1-15	O
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118	Multi-task cascaded assessment of signal quality for long-term single-lead ECG monitoring. <b>2023</b> , 83, 104674	O

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113	Machine-learning based strategy identifies a robust protein biomarker panel for Alzheimer disease in cerebrospinal fluid.	0
112	Characterization of Mediastinal Bulky Lymphomas with FDG-PET-Based Radiomics and Machine Learning Techniques. <b>2023</b> , 15, 1931	O
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110	Machine Learning Selection of Most Predictive Brain Proteins Suggests Role of Sugar Metabolism in Alzheimer Disease. <b>2023</b> , 92, 411-424	O
109	Prediction of hot spots in protein DNA binding interfaces based on discrete wavelet transform and wavelet packet transform. <b>2023</b> , 24,	0
108	Can big data and random forests improve avalanche runout estimation compared to simple linear regression?. <b>2023</b> , 103844	O
107	A consensual machine-learning-assisted QSAR model for effective bioactivity prediction of xanthine oxidase inhibitors using molecular fingerprints.	O
106	An adaptive loss backward feature elimination method for class-imbalanced and mixed-type data in medical diagnosis. <b>2023</b> , 236, 104809	Ο
105	Monthly streamflow forecasting by machine learning methods using dynamic weather prediction model outputs over Iran. <b>2023</b> , 620, 129480	0
104	Prediction of fast neutron spectra with a spherical TEPC using a machine-learning algorithm. <b>2023</b> , 1050, 168139	O
103	Universal feature selection tool (UniFeat): An open-source tool for dimensionality reduction. <b>2023</b> , 535, 156-165	O
102	Simulated annealing aided genetic algorithm for gene selection from microarray data. 2023, 158, 106854	O
101	An energy-efficient semi-supervised approach for on-device photoplethysmogram signal quality assessment. <b>2023</b> , 28, 100390	О
100	Shapley-based feature augmentation. <b>2023</b> , 96, 92-102	O

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98	Machine-learning assisted molecular formula assignment to high-resolution mass spectrometry data of dissolved organic matter. <b>2023</b> , 259, 124484	O
97	A Classification Method for Imbalanced Data Based on Ant Lion Optimizer. 2022, 367-382	0
96	Individual yield nowcasting for residential PV systems. <b>2023</b> , 251, 325-336	O
95	Advancing oral delivery of biologics: Machine learning predicts peptide stability in the gastrointestinal tract. <b>2023</b> , 634, 122643	O
94	Improving the accuracy of timber volume and basal area prediction in heterogeneously structured and mixed forests by automated co-registration of forest inventory plots and remote sensing data. <b>2023</b> , 532, 120795	O
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92	Long-term fatigue estimation on offshore wind turbines interface loads through loss function physics-guided learning of neural networks. <b>2023</b> , 205, 461-474	O
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87	Robustness May be at Odds with Stability in Adversarial Training based Feature Selection?. 2022,	O
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85	Assessing landslide susceptibility based on hybrid Best-first decision tree with ensemble learning model. <b>2023</b> , 147, 109968	1
84	An Experimental Study on Hybrid Feature Selection Techniques for Sentiment Classification. 2022,	O
83	A bibliometric and visual analysis of publications on artificial intelligence in colorectal cancer (2002-2022). 13,	О
82	Designing an Embedded Feature Selection Algorithm for a Drowsiness Detector Model Based on Electroencephalogram Data. <b>2023</b> , 23, 1874	O

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76	Enhancing motor screening efficiency: Toward an empirically derived abridged version of the Alberta Infant Motor Scale. <b>2023</b> , 177-178, 105723	О
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74	Superpixel segmentation integrated feature subset selection for wetland classification over Yellow River Delta. <b>2023</b> , 30, 50796-50814	О
73	A Proposed Ensemble Feature Selection Method for Estimating Forest Aboveground Biomass from Multiple Satellite Data. <b>2023</b> , 15, 1096	0
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71	Predicting Vasovagal Reactions to Needles from Facial Action Units. <b>2023</b> , 12, 1644	О
70	NTpred: A robust and precise machine learning framework for in-silico identification of Tyrosine nitration sites in protein sequences.	О
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