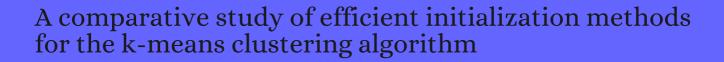
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| # | Paper | IF | Citations |
|-----|--|----|-----------|
| 701 | DETERMINISTIC INITIALIZATION OF THE K-MEANS ALGORITHM USING HIERARCHICAL CLUSTERING. 2012 , 26, 1250018 | | 34 |
| 700 | Design and Implementation of Low-Power Hardware Architecture With Single-Cycle Divider for On-Line Clustering Algorithm. 2013 , 60, 2165-2176 | | 7 |
| 699 | Initialization of k-modes clustering for categorical data. 2013 , | | |
| 698 | Spatial pattern recognition of seismic events in South West Colombia. 2013 , 59, 60-77 | | 3 |
| 697 | Adaptive Aggregating Multiresolution Feature Coding for Image Classification. 2014 , 2014, 1-10 | | 3 |
| 696 | A Multichannel Gray Level Co-Occurrence Matrix for Multi/Hyperspectral Image Texture Representation. 2014 , 6, 8424-8445 | | 68 |
| 695 | A Novel Hybrid Algorithm Based on K-Means and Evolutionary Computations for Real Time Clustering. 2014 , 10, 1-14 | | 2 |
| 694 | A Balanced Heuristic Mechanism for Multirobot Task Allocation of Intelligent Warehouses. 2014 , 2014, 1-10 | | 10 |
| 693 | Clustering the solar resource for grid management in island mode. 2014 , 110, 507-518 | | 21 |
| 692 | Fast Scalable k-means++ Algorithm with MapReduce. 2014 , 15-28 | | 3 |
| 691 | Improving the Initial Centroids of k-means Clustering Algorithm to Generalize its Applicability. 2014 , 95, 345-350 | | 12 |
| 690 | Adaptive Initialization Method Based on Spatial Local Information fork-Means Algorithm. 2014 , 2014, 1-11 | | 5 |
| 689 | Determine Optimal Number of Clusters with an Elitist Evolutionary Approach. 2014 , 324-335 | | |
| 688 | Colour quantisation using the adaptive distributing units algorithm. 2014 , 62, 80-91 | | 12 |
| 687 | Segmentation of skin lesions from digital images using joint statistical texture distinctiveness. 2014 , 61, 1220-30 | | 72 |
| 686 | The MinMax k-Means clustering algorithm. 2014 , 47, 2505-2516 | | 126 |
| 685 | Efficient \$k\$ -Means++ Approximation with MapReduce. 2014 , 25, 3135-3144 | | 30 |

(2015-2014)

| 6 | 684 | With Applications, 2014 , 41, 8203-8210 | 11 | |
|------------|------------|--|----|--|
| 6 | 583 | . 2014 , 8, 980-984 | 56 | |
| 6 | 682 | A New Application of RFM Clustering for Guild Segmentation to Mine the Pattern of Using Banks e-Payment Services. 2014 , 27, 178-190 | 16 | |
| 6 | 581 | On the determination of coherent solar microclimates for utility planning and operations. 2014 , 102, 173-188 | 30 | |
| 6 | 68o | Discovery of medical Big Data analytics: Improving the prediction of traumatic brain injury survival rates by data mining Patient Informatics Processing Software Hybrid Hadoop Hive. 2015 , 1, 17-26 | 49 | |
| 6 | 679 | A Density Based k-Means Initialization Scheme. 2015 , | 3 | |
| 6 | 578 | An Enhanced k-Means Clustering Algorithm for Pattern Discovery in Healthcare Data. 2015 , 11, 615740 | 35 | |
| 6 | 977 | Toward a Robust Analysis of Dermoscopy Images Acquired under DiBrent Conditions. 2015, 17-38 | 54 | |
| 6 | 676 | A Fuzzy ANP Based Weighted RFM Model for Customer Segmentation in Auto Insurance Sector. 2015 , 7, 71-86 | 9 | |
| ϵ | 575 | Self-Learning Embedded System for Object Identification in Intelligent Infrastructure Sensors. 2015 , 15, 29056-78 | 3 | |
| ϵ | 974 974 | A novel artificial bee colony based clustering algorithm for categorical data. 2015 , 10, e0127125 | 15 | |
| ϵ | 573 | Classifying G-Band Bright Points Based on Clustering Analysis. 2015 , | | |
| 6 | ó72 | Clustering for Monitoring Distributed Data Streams. 2015 , 387-415 | | |
| 6 | ó71 | Additive Nearest Neighbor Feature Maps. 2015 , | 2 | |
| 6 | ó70 | A cell-MST-based method for big dataset clustering on limited memory computers. 2015 , | 2 | |
| 6 | 669 | An initialization scheme for supervized K-means. 2015 , | 1 | |
| 6 | 668 | Intrusion Detection System Based on Modified K-means and Multi-level Support Vector Machines. 2015 , 265-274 | 4 | |
| 6 | 667 | An adaptive algorithm for clustering cumulative probability distribution functions using the KolmogorovBmirnov two-sample test. <i>Expert Systems With Applications</i> , 2015 , 42, 4016-4021 | 19 | |

| 666 | Overview of Overlapping Partitional Clustering Methods. 2015 , 245-275 | 9 |
|---|--|------------|
| 665 | Using Sequences of Words for Non-Disjoint Grouping of Documents. 2015 , 29, 1550013 | 8 |
| 664 | PCA-guided search for K-means. 2015 , 54, 50-55 | 21 |
| 663 | Hubness-Based Clustering of High-Dimensional Data. 2015 , 353-386 | 10 |
| 662 | Fuzzy C-means++: Fuzzy C-means with effective seeding initialization. <i>Expert Systems With Applications</i> , 2015 , 42, 7541-7548 | 8 66 |
| 661 | Density Based Clustering: Alternatives to DBSCAN. 2015 , 193-213 | 7 |
| 660 | Automatic differentiation of melanoma from dysplastic nevi. 2015 , 43, 44-52 | 63 |
| 659 | Properties of the sample estimators used for statistical normalization of feature vectors. 2015 , 29, 1815-1 | 837 1 |
| 658 | Accelerating Lloyd Algorithm for k-Means Clustering. 2015 , 41-78 | 33 |
| | | |
| 657 | Clustering by growing incremental self-organizing neural network. <i>Expert Systems With Applications</i> , 2015 , 42, 4965-4981 | 3 25 |
| 657 656 | | 8 25 61 |
| | , 2015 , 42, 4965-4981 7.3 | |
| 656 | , 2015 , 42, 4965-4981 7.8 . 2015 , 27, 3176-3189 | 61 |
| 656 655 | 7.8 . 2015 , 42, 4965-4981 . 2015 , 27, 3176-3189 Improve Network Clustering via Diversified Ranking. 2015 , 104-115 | 61 |
| 656 655 654 | . 2015, 42, 4965-4981 . 2015, 27, 3176-3189 Improve Network Clustering via Diversified Ranking. 2015, 104-115 Automatic Kaposi's sarcoma detection using texture distinctiveness. 2015, Combination of artificial neural network and clustering techniques for predicting phytoplankton | 61 O |
| 656 655 654 | . 2015, 42, 4965-4981 . 2015, 27, 3176-3189 Improve Network Clustering via Diversified Ranking. 2015, 104-115 Automatic Kaposi's sarcoma detection using texture distinctiveness. 2015, Combination of artificial neural network and clustering techniques for predicting phytoplankton biomass of Lake Poyang, China. 2015, 16, 179-191 | 61 O |
| 656655654653652 | . 2015, 42, 4965-4981 . 2015, 27, 3176-3189 Improve Network Clustering via Diversified Ranking. 2015, 104-115 Automatic Kaposi's sarcoma detection using texture distinctiveness. 2015, Combination of artificial neural network and clustering techniques for predicting phytoplankton biomass of Lake Poyang, China. 2015, 16, 179-191 Soft Computing in Data Science. 2015, An Initialization Method for Clustering Mixed Numeric and Categorical Data Based on the Density | 61 O |

| 648 | Nonsmooth Optimization Based Algorithms in Cluster Analysis. 2015 , 99-146 | 1 |
|-----|---|--------------|
| 647 | Partitional Clustering Algorithms. 2015 , | 28 |
| 646 | Comparison between compactness and connectedness criteria in data clustering. 2016 , 8, 281 | 2 |
| 645 | A Topic Space Oriented User Group Discovering Scheme in Social Network: A Trust Chain Based Interest Measuring Perspective. 2016 , 2016, 1-25 | |
| 644 | A Modified MinMax -Means Algorithm Based on PSO. 2016 , 2016, 4606384 | 4 |
| 643 | A Hyperspectral Survey of New York City Lighting Technology. 2016 , 16, | 16 |
| 642 | A new multi-objective cluster ensemble based on modularity maximization. 2016, 4, | |
| 641 | Development and validation of clinical profiles of patients hospitalized due to behavioral and psychological symptoms of dementia. 2016 , 16, 261 | 3 |
| 640 | What to Do When K-Means Clustering Fails: A Simple yet Principled Alternative Algorithm. 2016 , 11, e01622. | 59 66 |
| 639 | Knowledge-based genetic algorithm approach to quantization table generation for the JPEG baseline algorithm. 2016 , 24, 1615-1635 | 5 |
| 638 | ECMdd: Evidential c-medoids clustering with multiple prototypes. 2016 , 60, 239-257 | 13 |
| 637 | Research on the novel pattern clustering algorithm based on particle swarm optimized adaptive wavelet neural network model. 2016 , | |
| 636 | Investigating the possibility of using a single electrode brain-computer interface device for human machine interaction by means of cluster analysis. 2016 , | 0 |
| 635 | A new projection-based K-Means initialization algorithm. 2016 , | 1 |
| 634 | Combining Statistical Information and Distance Computation for K-Means Initialization. 2016, | 1 |
| 633 | A hybrid method based on a new clustering technique and multilayer perceptron neural networks for hourly solar radiation forecasting. 2016 , 118, 331-344 | 85 |
| 632 | Unsupervised Learning Algorithms. 2016, | 50 |
| 631 | Nonlinear Clustering: Methods and Applications. 2016 , 253-302 | 4 |

| 630 | A Fuzzy-Soft Competitive Learning Approach for Grayscale Image Compression. 2016 , 385-404 | 1 |
|-----|--|----|
| 629 | Combinatorial Optimization Approaches for Data Clustering. 2016 , 109-134 | |
| 628 | A Survey of Constrained Clustering. 2016 , 207-235 | 9 |
| 627 | Extending Kmeans-Type Algorithms by Integrating Intra-cluster Compactness and Inter-cluster Separation. 2016 , 343-384 | |
| 626 | K-means clustering with a new initialization approach for wind power forecasting. 2016, | 4 |
| 625 | The global Minmax -means algorithm. 2016 , 5, 1665 | 14 |
| 624 | Finding User Groups in Social Networks Using Ant Cemetery. 2016 , 98, 548-553 | |
| 623 | Comparing clustering algorithms on wisconsin data set. 2016 , | 1 |
| 622 | Improved invasive weed optimization based on clustering strategy. 2016, | 1 |
| 621 | A K-means-based network partition algorithm for controller placement in software defined network. 2016 , | 68 |
| 620 | Efficient genetic K-Means clustering for health care knowledge discovery. 2016, | 8 |
| 619 | A novel soft computing framework for solar radiation forecasting. 2016 , 48, 207-216 | 30 |
| 618 | User abnormal behavior analysis based on neural network clustering. 2016 , 23, 29-44 | 6 |
| 617 | Interference-aware resource allocation algorithm in multicarrier-based cognitive radio networks. 2016 , 23, 37-44 | 3 |
| 616 | Original approach for reduction of high dimensionality in unsupervised learning. 2016, | |
| 615 | K-walks: clustering gene-expression data using a K-means clustering algorithm optimised by random walks. 2016 , 16, 121 | 2 |
| 614 | Supervised Pre-processings Are Useful for Supervised Clustering. 2016 , 147-157 | |
| 613 | K*-Means: An Effective and Efficient K-Means Clustering Algorithm. 2016 , | 28 |

| 612 | Clustering of Biological Datasets in the Era of Big Data. 2016 , 13, 52-81 | 4 |
|-------------------|--|---------------|
| 611 | Allocation of Volunteers in Non-governmental Organizations Aided by Non-supervised Learning. 2016 , | O |
| 610 | Automatic characterization of titanium dioxide nanotubes by image processing of scanning electron microscopic images. 2016 , 6, 184798041667378 | 1 |
| 609 | SAPAM. 2016 , | 2 |
| 608 | A book recommendation algorithm based on collaborative filtering. 2016, | 2 |
| 607 | . 2016, | 6 |
| 606 | A Leukocyte image fast scanning based on maximin distance clustering. 2016 , 09, 1650022 | |
| 605 | Towards transferring skills to flexible surgical robots with programming by demonstration and reinforcement learning. 2016 , | 11 |
| 604 | Fireflies can find groups for data clustering. 2016 , | 1 |
| 603 | Modified twin support vector regression. 2016 , 211, 84-97 | 23 |
| | | |
| 602 | A comparison of heuristic and model-based clustering methods for dietary pattern analysis. 2016 , 19, 255-64 | 9 |
| 602 | | 9 |
| | 19, 255-64 | 9 |
| 601 | 19, 255-64 A Clustering-Based Approach to Reduce Feature Redundancy. 2016, 465-475 Simultaneous Quantitative Detection of Helicobacter Pylori Based on a Rapid and Sensitive Testing | |
| 600 | 19, 255-64 A Clustering-Based Approach to Reduce Feature Redundancy. 2016, 465-475 Simultaneous Quantitative Detection of Helicobacter Pylori Based on a Rapid and Sensitive Testing Platform using Quantum Dots-Labeled Immunochromatiographic Test Strips. 2016, 11, 62 DENDIS: A new density-based sampling for clustering algorithm. Expert Systems With Applications, | 14 |
| 600 599 | 19, 255-64 A Clustering-Based Approach to Reduce Feature Redundancy. 2016, 465-475 Simultaneous Quantitative Detection of Helicobacter Pylori Based on a Rapid and Sensitive Testing Platform using Quantum Dots-Labeled Immunochromatiographic Test Strips. 2016, 11, 62 DENDIS: A new density-based sampling for clustering algorithm. Expert Systems With Applications, 2016, 56, 349-359 | 14 26 |
| 600 599 598 | A Clustering-Based Approach to Reduce Feature Redundancy. 2016, 465-475 Simultaneous Quantitative Detection of Helicobacter Pylori Based on a Rapid and Sensitive Testing Platform using Quantum Dots-Labeled Immunochromatiographic Test Strips. 2016, 11, 62 DENDIS: A new density-based sampling for clustering algorithm. Expert Systems With Applications, 2016, 56, 349-359 A method for K-Means seeds generation applied to text mining. 2016, 25, 477-499 | 14 26 2 |

| 594 | A novel clustering algorithm based on data transformation approaches. <i>Expert Systems With Applications</i> , 2017 , 76, 59-70 | 18 |
|-----|--|----|
| 593 | Advanced Computing and Systems for Security. 2017, | 1 |
| 592 | Hessian-constrained detail-preserving 3D implicit reconstruction from raw volumetric dataset. 2017 , 64, 3-13 | 1 |
| 591 | An iterated greedy heuristic for a market segmentation problem with multiple attributes. 2017 , 261, 75-87 | 17 |
| 590 | A parallel k-means clustering algorithm based on redundance elimination and extreme points optimization employing MapReduce. 2017 , 29, e4109 | 14 |
| 589 | 3D Protein-Structure-Oriented Discovery of Clinical Relation Across Chronic Lymphocytic Leukemia Patients. 2017 , 139-150 | |
| 588 | Graph clustering and anomaly detection of access control log for forensic purposes. 2017, 21, 76-87 | 13 |
| 587 | Sparse component analysis-based under-determined blind source separation for bearing fault feature extraction in wind turbine gearbox. 2017 , 11, 330-337 | 22 |
| 586 | A SOM prototype-based cluster analysis methodology. <i>Expert Systems With Applications</i> , 2017 , 88, 14-28 ₇ .8 | 24 |
| 585 | Comparison of K-means Clustering Initialization Approaches with Brute-Force Initialization. 2017 , 103-114 | 3 |
| 584 | An Intelligible Risk Stratification Model Based on Pairwise and Size Constrained Kmeans. 2017 , 21, 1288-1296 | 9 |
| 583 | A dimension reduction algorithm preserving both global and local clustering structure. 2017 , 118, 191-203 | 13 |
| 582 | Histogram Thresholding for Automatic Color Segmentation Based on k-means Clustering. 2017, 344-354 | 2 |
| 581 | FSP. 2017 , | 5 |
| 580 | An enhanced deterministic K-Means clustering algorithm for cancer subtype prediction from gene expression data. 2017 , 91, 213-221 | 43 |
| 579 | An effective and efficient hierarchical K-means clustering algorithm. 2017 , 13, 155014771772862 | 16 |
| 578 | Local regression algorithms based on centroid clustering methods. 2017 , 112, 2363-2371 | 3 |
| 577 | Robust semi-supervised clustering with polyhedral and circular uncertainty. 2017 , 265, 4-27 | 2 |

(2017-2017)

| 576 | to Recommender Systems. 2017 , | 3 |
|-----|---|----|
| 575 | An efficient k-means clustering filtering algorithm using density based initial cluster centers. 2017 , 418-419, 286-301 | 42 |
| 574 | Implementation of modified versions of the K-means algorithm in power load curves profiling. 2017 , 35, 83-93 | 12 |
| 573 | New initialization for clustering algorithms combining distance and density. 2017, | 2 |
| 572 | A Combined Approach Based on K-Means and Modified Electromagnetism-Like Mechanism for Data Clustering. 2017 , 16, 1279-1307 | 5 |
| 571 | Network intrusion detection using machine learning anomaly detection algorithms. 2017, | 8 |
| 570 | Improved Stampede Prediction Model on Context-Awareness Framework Using Machine Learning Techniques. 2017 , 39-51 | |
| 569 | Dimensionality Reduction for Intrusion Detection Systems in Multi-data Streams Review and Proposal of Unsupervised Feature Selection Scheme. 2017 , 467-487 | 11 |
| 568 | An intelligent and improved density and distance-based clustering approach for industrial survey data classification. <i>Expert Systems With Applications</i> , 2017 , 68, 21-28 | 18 |
| 567 | A design methodology for biomass energy supply chains based on weighted K-means algorithm. 2017 , | |
| 566 | Sustainable Leakage Monitoring Systems for Water Distribution Pipeline Networks. 2017, | 1 |
| 565 | Motion-based moving object detection and tracking using automatic K-means. 2017, | 5 |
| 564 | Investigating the effects of varying cluster numbers on anomalies detected in mining machines. 2017 , | 1 |
| 563 | Diagnosis of non-linear mixed multiple faults based on underdetermined blind source separation for wind turbine gearbox: simulation, testbed and realistic scenarios. 2017 , 11, 1418-1429 | 7 |
| 562 | Beam Slice-Based Recognition Method for Acoustic Landmark With Multi-Beam Forward Looking Sonar. 2017 , 17, 7074-7085 | 11 |
| 561 | . 2017 , 28, 996-1008 | 1 |
| 560 | Data clustering using enhanced biogeography-based optimization. 2017, | 22 |
| 559 | A novel approach to optimization of iterative machine learning algorithms: Over heap structure. 2017 , | 1 |

| 558 | Application of PSO-based clustering algorithms on educational databases. 2017, | 7 |
|-----|--|----|
| 557 | Enhancing clustering accuracy by finding initial centroid using k-minimum-average-maximum method. 2017 , 11, 260 | 1 |
| 556 | Pipelines 2017. 2017 , | |
| 555 | Multicast middleware for performance and topology analysis of multimedia grids. 2017 , 2017, 212-219 | 1 |
| 554 | The Relationship between Urban Land Surface Material Fractions and Brightness Temperature Based on MESMA. 2017 , 9, 532 | 4 |
| 553 | An Automatic K-Means Clustering Algorithm of GPS Data Combining a Novel Niche Genetic Algorithm with Noise and Density. 2017 , 6, 392 | 12 |
| 552 | Image Segmentation Techniques Overview. 2017 , | 16 |
| 551 | BMINSAR: A novel approach for InSAR phase denoising by clustering and block matching. 2017 , | |
| 550 | Understanding ENodeBs traffic dynamics in TD-LTE network. 2017 , | 0 |
| 549 | Study and Implementation of Clustering Algorithms in R. 2017 , | |
| 548 | IMPLEMENTATION OF K-MEANS CLUSTERING METHOD FOR ELECTRONIC LEARNING MODEL. 2017 , 930, 012021 | 3 |
| 547 | A New Technique for K-Means Cluster Centers Initialization of WMH Segmentation. 2017, | 2 |
| 546 | A Kernel Sparse Representation Based Framework for Monitoring Nonlinear Multi-Mode Process. 2017 , 50, 737-747 | |
| 545 | Continental-scale animal tracking reveals functional movement classes across marine taxa. 2018 , 8, 3717 | 33 |
| 544 | Sentiment analysis: An automatic contextual analysis and ensemble clustering approach and comparison. 2018 , 115, 194-213 | 26 |
| 543 | Competent K-means for Smart and Effective E-commerce. 2018 , 235-242 | 1 |
| 542 | Integration of a text mining approach in the strategic planning process of small and medium-sized enterprises. 2018 , 118, 745-764 | 6 |
| 541 | I-k-means⊞: An iterative clustering algorithm based on an enhanced version of the k-means. 2018 , 79, 402-413 | 39 |

| 540 | Non-convex clustering via proximal alternating linearized minimization method. 2018 , 16, 1840013 | 3 |
|-----|---|----|
| 539 | A geogrid-based framework of agricultural zoning for planning and management of water & land resources: A case study of northwest arid region of China. 2018 , 89, 874-879 | 8 |
| 538 | An Effective Approach to Controller Placement in Software Defined Wide Area Networks. 2018, 15, 344-355 | 81 |
| 537 | An Improved Deep Clustering Model for Underwater Acoustical Targets. 2018 , 48, 1633-1644 | 3 |
| 536 | A hybrid strategy for krill herd algorithm with harmony search algorithm to improve the data clustering?. 2018 , 12, 3-14 | 24 |
| 535 | Improved K-Means Algorithm and Its Application to Vehicle Steering Identification. 2018, 378-386 | 2 |
| 534 | Putting the P ersonlin the Center: Review and Synthesis of Person-Centered Approaches and Methods in Organizational Science. 2018 , 21, 814-845 | 46 |
| 533 | Unpaved road detection based on spatial fuzzy clustering algorithm. 2018 , 2018, | 6 |
| 532 | . 2018, | 6 |
| 531 | An Evolutionary Scheme for Improving Recommender System Using Clustering. 2018 , 290-301 | 6 |
| 530 | Crack Fault Classification for Planetary Gearbox Based on Feature Selection Technique and K-means Clustering Method. 2018 , 31, | 27 |
| 529 | Automated Boundary Detection of Breast Cancer in Ultrasound Images Using Watershed Algorithm. 2018 , 729-738 | 2 |
| 528 | ProTraS: A probabilistic traversing sampling algorithm. <i>Expert Systems With Applications</i> , 2018 , 105, 65-7 6 .8 | 15 |
| 527 | A novel retrieval method for remote sensing image based on statistical model. 2018 , 77, 24643-24662 | О |
| 526 | A novel hybrid data-driven model for multi-input single-output system simulation. 2018 , 29, 577-593 | 9 |
| 525 | A hybrid clustering algorithm for multiple-source resolving in bioluminescence tomography. 2018 , 11, e201700056 | 16 |
| 524 | Magnetic optimization algorithm for data clustering. 2018 , 115, 59-65 | 25 |
| 523 | Incremental basis estimation adopting global k-means algorithm for NMF-based noise reduction. 2018 , 129, 277-283 | 6 |

| 522 | Density-based particle swarm optimization algorithm for data clustering. <i>Expert Systems With Applications</i> , 2018 , 91, 170-186 | 7.8 | 68 |
|---------------------------------|---|-----|----|
| 521 | Sparse Self-Represented Network Map: A fast representative-based clustering method for large dataset and data stream. 2018 , 68, 121-130 | | 4 |
| 520 | A Tabu search based clustering algorithm and its parallel implementation on Spark. 2018 , 63, 97-109 | | 28 |
| 519 | An information provision system to promote energy conservation and maintain indoor comfort in smart homes using sensed data by IoT sensors. 2018 , 82, 388-394 | | 15 |
| 518 | An Attributes Similarity-Based K-Medoids Clustering Technique in Data Mining. 2018 , 43, 3979-3992 | | 10 |
| 517 | A novel organizing scheme of single topic user group based on trust chain model in social network. 2018 , 31, e3387 | | 4 |
| 516 | Hidden Curriculum and Character Building on Self-Motivation based on K-means Clustering. 2018, | | 0 |
| 515 | Initialization of Membership Degree Matrix for Fast Convergence of Fuzzy C-Means Clustering. 2018 , | | 1 |
| 514 | A Comparative Study of Unsupervised Learning Algorithms for Software Fault Prediction. 2018, | | 0 |
| | | | |
| 513 | . 2018, | | |
| 513 512 | . 2018, A Proposal for Mapping IT Professionals' Competence Supported by Multiple Intelligences Theory. 2018, 9, 1-22 | | |
| | A Proposal for Mapping IT Professionals' Competence Supported by Multiple Intelligences Theory. | | 3 |
| 512 | A Proposal for Mapping IT Professionals' Competence Supported by Multiple Intelligences Theory. 2018 , 9, 1-22 | | 3 |
| 512 | A Proposal for Mapping IT Professionals' Competence Supported by Multiple Intelligences Theory. 2018 , 9, 1-22 Color Quantization Using Coreset Sampling. 2018 , | | |
| 512 511 510 | A Proposal for Mapping IT Professionals' Competence Supported by Multiple Intelligences Theory. 2018, 9, 1-22 Color Quantization Using Coreset Sampling. 2018, . 2018, A Probabilistic Model for Service Clustering - Jointly Using Service Invocation and Service | | 1 |
| 512 511 510 509 | A Proposal for Mapping IT Professionals' Competence Supported by Multiple Intelligences Theory. 2018, 9, 1-22 Color Quantization Using Coreset Sampling. 2018, . 2018, A Probabilistic Model for Service Clustering - Jointly Using Service Invocation and Service Characteristics. 2018, | | 2 |
| 512 511 510 509 508 | A Proposal for Mapping IT Professionals' Competence Supported by Multiple Intelligences Theory. 2018, 9, 1-22 Color Quantization Using Coreset Sampling. 2018, . 2018, A Probabilistic Model for Service Clustering - Jointly Using Service Invocation and Service Characteristics. 2018, Measuring the Feasibility of Clustering Techniques on Usability Performance Data. 2018, 11, 1-8 Manyobjective Optimization to Design Physical Topology of Optical Networks with Undefined | | 2 |

(2018-2018)

| 504 | Analysis of Cellular Feature Differences of Astrocytomas with Distinct Mutational Profiles Using Digitized Histopathology Images. 2018 , 2018, 4644-4647 | |
|-----|---|----|
| 503 | To identify the usage of clustering techniques for improving search result of a website. 2018 , 10, 229 | 1 |
| 502 | Ultra-Short Term Prediction Model of Wind Power Generation Based on Hybrid Intelligent Method. 2018 , | 3 |
| 501 | Fault Diagnosis Method Based on Kernel Fuzzy C-Means Clustering with Gravitational Search Algorithm. 2018 , | 1 |
| 500 | An Efficient Approach to Determine Number of Clusters Using Principal Component Analysis. 2018, | 1 |
| 499 | Optimal Machine Learning Algorithms for Cyber Threat Detection. 2018, | 7 |
| 498 | Optimal cluster analysis using hybrid K-Means and Ant Lion Optimizer. 2018 , 4, 347-360 | 27 |
| 497 | Random Binary Local Patch Clustering Transforms Based Image Matching for Nonlinear Intensity Changes. 2018 , 2018, 1-16 | 1 |
| 496 | Food Footprint as a Measure of Sustainability for Grazing Dairy Farms. 2018, 62, 1073-1088 | 3 |
| 495 | Automatic Groove Measurement and Evaluation with High Resolution Laser Profiling Data. 2018 , 18, | 2 |
| 494 | Multi-Step Ahead Wind Power Generation Prediction Based on Hybrid Machine Learning Techniques. 2018 , 11, 1975 | 14 |
| 493 | K-means** - a fast and efficient K-means algorithms. 2018 , 11, 27 | 3 |
| 492 | A state of the art survey of data mining-based fraud detection and credit scoring. 2018 , 189, 03002 | 8 |
| 491 | Broad Learning System for Class Incremental Learning. 2018, | Ο |
| 490 | Random Projection for k-means Clustering. 2018 , 680-689 | 4 |
| 489 | Optimized gravitational-based data clustering algorithm. 2018 , 73, 126-148 | 7 |
| 488 | A missing data treatment method for photovoltaic installations. 2018, | 4 |
| 487 | On The Relationships of Cluster Measures and Distributions of Distances in Compact Metric Spaces. 2018 , 58, 612-620 | |

| 486 | A novel clustering algorithm combining niche genetic algorithm with canopy and K-means. 2018, | 4 |
|-----|---|-----|
| 485 | A study on opportune reduction in greenhouse gas emissions via adoption of electric drive vehicles in light duty vehicle fleets. 2018 , 63, 839-854 | 13 |
| 484 | Unsupervised graph-based feature selection via subspace and pagerank centrality. <i>Expert Systems With Applications</i> , 2018 , 114, 46-53 | 22 |
| 483 | Integration K-Means Clustering Method and Elbow Method For Identification of The Best Customer Profile Cluster. 2018 , 336, 012017 | 187 |
| 482 | Genetic Algorithm with an Improved Initial Population Technique for Automatic Clustering of Low-Dimensional Data. 2018 , 9, 101 | 7 |
| 481 | A fast and effective partitional clustering algorithm for large categorical datasets using a k -means based approach. 2018 , 68, 463-483 | 30 |
| 480 | A comprehensive reserve allocation method in a micro-grid considering renewable generation intermittency and demand side participation. 2018 , 155, 678-689 | 12 |
| 479 | Fast and Simple Deterministic Seeding of KMeans for Text Document Clustering. 2018, 76-88 | 6 |
| 478 | A new initialisation method for k-means algorithm in the clustering problem: data analysis. 2018 , 10, 291 | 1 |
| 477 | Equal-volume quantization of mobile network data using bounding spheres and boxes. 2018, | 1 |
| 476 | Improved spectral absorption coefficient grouping strategy of wide band k-distribution model used for calculation of infrared remote sensing signal of hot exhaust systems. 2018 , 213, 17-34 | 4 |
| 475 | Research on English pronunciation training based on intelligent speech recognition. 2018 , 21, 633-640 | 6 |
| 474 | A Survey of Feature Extraction in Dermoscopy Image Analysis of Skin Cancer. 2019 , 23, 1096-1109 | 62 |
| 473 | A hybrid approach using genetic algorithm and the differential evolution heuristic for enhanced initialization of the k-means algorithm with applications in text clustering. 2019 , 23, 6361-6378 | 17 |
| 472 | Statistical Detection of Colors in Dermoscopic Images With a Texton-Based Estimation of Probabilities. 2019 , 23, 560-569 | 6 |
| 471 | Volatile fingerprints of common and rare honeys produced in Greece: in search of PHVMs with implementation of the honey code. 2019 , 245, 23-39 | 24 |
| 470 | Modified particle swarm optimization for multimodal functions and its application. 2019 , 78, 23917-23947 | 7 |
| 469 | Artificial Intelligence Approach in Melanoma. 2019 , 599-628 | 3 |

| 468 | A GPS location data clustering approach based on a niche genetic algorithm and hybrid K-means. 2019 , 23, 175-198 | 3 |
|-----|--|----|
| 467 | Image Analysis and Recognition. 2019 , | O |
| 466 | Resource Allocation of Multibeam Communication Satellite Systems in Sparse Networks. 2019, | O |
| 465 | Joint Multigroup Precoding and Resource Allocation in Integrated Terrestrial-Satellite Networks. 2019 , 68, 8075-8090 | 22 |
| 464 | Metamorphic Exploration of an Unsupervised Clustering Program. 2019, | 1 |
| 463 | Density Peaks Clustering Based on Local Minimal Spanning Tree. 2019 , 7, 108438-108446 | 4 |
| 462 | Modified fuzzy c-mean for custom-sized clusters. 2019 , 44, 1 | 1 |
| 461 | A novel method based on entity relationship for online transaction fraud detection. 2019, | 1 |
| 460 | A study of divisive clustering with Hausdorff distances for interval data. 2019 , 96, 106969 | 3 |
| 459 | Competition Among the World Main Technological Powers to Develop IPs: Cross-National Longitudinal Patentography Over a 9-Year Time Span. 2019 , 9, 2432 | 2 |
| 458 | A Data Clustering Based Probabilistic Power Flow Method for AC/VSC-MTDC. 2019 , 13, 4324-4334 | 6 |
| 457 | Dynamics of Shrimp Farming in the Southwestern Coastal Districts of Bangladesh Using a Shrimp Yield Dataset (SYD) and Landsat Satellite Archives. 2019 , 11, 4635 | 5 |
| 456 | Analysis of structural and functional aging of electrodes in lithium-ion batteries during rapid charge and discharge rates using synchrotron tomography. 2019 , 443, 227259 | 6 |
| 455 | Loyalty Improvement of Indonesian Local Brand Fashion Customer Based on Customer Lifetime Value (CLV) Segmentation. 2019 , 598, 012116 | 3 |
| 454 | Enhancement Clustering Evaluation Result of Davies-Bouldin Index with Determining Initial Centroid of K-Means Algorithm. 2019 , 1235, 012015 | 5 |
| 453 | Fitness Landscape Analysis in Data-Driven Optimization: An Investigation of Clustering Problems. 2019 , | 1 |
| 452 | The MinMax Fuzzy C-Means. 2019 , | 1 |
| 451 | Efficiency Improvement of Classification Model Based on Altered K-Means Using PCA and Outlier. 2019 , 29, 693-713 | 5 |

| 450 | . 2019 , 6, 9399-9412 | 26 |
|-----|--|----|
| 449 | Progressive Wasserstein Barycenters of Persistence Diagrams. 2019, | 2 |
| 448 | Fully automated method for glaucoma screening using robust optic nerve head detection and unsupervised segmentation based cup-to-disc ratio computation in retinal fundus images. 2019 , 77, 101643 | 16 |
| 447 | Clustering mixed numeric and categorical data with artificial bee colony strategy. 2019 , 36, 1521-1530 | 3 |
| 446 | Networked Systems. 2019, | 1 |
| 445 | Artificial Intelligence and Machine Learning in Pathology: The Present Landscape of Supervised Methods. 2019 , 6, 2374289519873088 | 85 |
| 444 | Intellectual detection and validation of automated mammogram breast cancer images by multi-class SVM using deep learning classification. 2019 , 16, 100239 | 9 |
| 443 | Optimal sensor placement for leak localization in water distribution networks based on a novel semi-supervised strategy. 2019 , 82, 13-21 | 8 |
| 442 | Dermoscopy diagnosis of cancerous lesions utilizing dual deep learning algorithms via visual and audio (sonification) outputs: Laboratory and prospective observational studies. 2019 , 40, 176-183 | 19 |
| 441 | Intellectual detection and validation of automated mammogram breast cancer images by multi-class SVM using deep learning classification. 2019 , 16, 100151 | 29 |
| 440 | Seed selection algorithm through K-means on optimal number of clusters. 2019 , 78, 18617-18651 | 10 |
| 439 | A Smart Algorithm for Quantization Table Optimization: A Case Study in JPEG Compression. 2019 , 257-280 | 2 |
| 438 | Pathophysiological mapping of tumor habitats in the breast in DCE-MRI using molecular texture descriptor. 2019 , 106, 114-125 | 1 |
| 437 | Enhanced Approach Using Reduced SBTFD Features and Modified Individual Behavior Estimation for Crowd Condition Prediction. 2019 , 21, | 2 |
| 436 | Clustering-based real-time anomaly detection breakthrough in big data technologies. 2019, e3647 | 13 |
| 435 | Image Segmentation by Fuzzy Edge Detection and Region Growing Technique. 2019 , 51-64 | 2 |
| 434 | Artificial Intelligence Approach in Melanoma. 2019 , 1-31 | 3 |
| 433 | Kernel-based MinMax clustering methods with kernelization of the metric and auto-tuning hyper-parameters. 2019 , 359, 173-184 | 3 |

| 432 | Use of Data Mining Methods to Detect Test Fraud. 2019 , 56, 251-279 | 9 |
|-----|---|-----|
| 431 | Adaptive Threshold Based Clustering. 2019 , 10, 42-59 | 9 |
| 430 | Ensemble-Initialized k-Means Clustering. 2019 , | О |
| 429 | Climate data clustering effects on arid and semi-arid rainfed wheat yield: a comparison of artificial intelligence and K-means approaches. 2019 , 63, 861-872 | 11 |
| 428 | Combining clustering and classification ensembles: A novel pipeline to identify breast cancer profiles. 2019 , 97, 27-37 | 18 |
| 427 | Solving submodular text processing problems using influence graphs. 2019 , 9, 1 | |
| 426 | DermoDeep-A classification of melanoma-nevus skin lesions using multi-feature fusion of visual features and deep neural network. 2019 , 78, 23559-23580 | 19 |
| 425 | Skin cancer detection by deep learning and sound analysis algorithms: A prospective clinical study of an elementary dermoscope. 2019 , 43, 107-113 | 41 |
| 424 | Ordinal consensus measure with objective threshold for heterogeneous large-scale group decision making. 2019 , 180, 62-74 | 60 |
| 423 | TiK-means: Transformation-infused K-means clustering for skewed groups. 2019 , 12, 223-233 | 2 |
| 422 | Comparison of discrete and continuum community models: Insights from numerical ecology and Bayesian methods applied to Azorean plant communities. 2019 , 402, 93-106 | 7 |
| 421 | Probability Analysis of Hypertension-Related Symptoms Based on XGBoost and Clustering Algorithm. 2019 , 9, 1215 | 7 |
| 420 | Robust and sparse k-means clustering for high-dimensional data. 2019 , 13, 905 | 12 |
| 419 | How much can k-means be improved by using better initialization and repeats?. 2019 , 93, 95-112 | 129 |
| 418 | Unsupervised Learning: Cluster Analysis. 2019 , 241-285 | |
| 417 | Holo-like and Druggable Protein Conformations from Enhanced Sampling of Binding Pocket Volume and Shape. 2019 , 59, 1515-1528 | 22 |
| 416 | Research on Key Parameters Operation Range of Central Air Conditioning Based on Binary K-Means and Apriori Algorithm. 2019 , 12, 102 | 2 |
| 415 | Structure regularized sparse coding for data representation. 2019 , 174, 87-102 | 4 |

| 414 | Quantifying Data Dependencies with RByi Mutual Information and Minimum Spanning Trees. 2019 , 21, | 1 |
|-----|--|----|
| 413 | Variance-based differential evolution algorithm with an optional crossover for data clustering. 2019 , 80, 1-17 | 33 |
| 412 | Development of a Stand-Alone Independent Graphical User Interface for Neurological Disease Prediction with Automated Extraction and Segmentation of Gray and White Matter in Brain MRI Images. 2019 , 2019, 9610212 | 2 |
| 411 | K-polytopes: a superproblem of k-means. 2019 , 13, 1207-1214 | 2 |
| 410 | A Hybrid MPI/OpenMP Parallelization of \$K\$ -Means Algorithms Accelerated Using the Triangle Inequality. 2019 , 7, 42280-42297 | 11 |
| 409 | Mild weather changes over China during 1971-2014: Climatology, trends, and interannual variability. 2019 , 9, 2419 | 3 |
| 408 | A Normalized Metal Artifact Reduction Method Using an Artifact-Reduced Prior for Dental Computed Tomography. 2019 , 74, 298-304 | 2 |
| 407 | New fuzzy C-means clustering method based on feature-weight and cluster-weight learning. 2019 , 78, 324-345 | 23 |
| 406 | Electric Vehicle Charging and Discharging Optimization Management Problem. 2019, | |
| 405 | . 2019, | |
| 404 | Parallel Simulation Calculation and Visualization Technology of Network Radar System Actual Detection Power in Urban Building Environment. 2019 , | |
| 403 | Efficient Identification of Initial Clusters Centers for Partitioning Clustering Methods. 2019, | 1 |
| 402 | Dynamic Texture Recognition using a Hybrid Generative-Discriminative Approach with Hidden Markov Models and Support Vector Machines. 2019 , | 3 |
| | | |
| 401 | Modeling and predicting dynamics of heterogeneous workloads for cloud environments. 2019, | |
| 400 | Modeling and predicting dynamics of heterogeneous workloads for cloud environments. 2019, An Efficient K-Means Clustering Initialization Using Optimization Algorithm. 2019, | |
| | | 2 |
| 400 | An Efficient K-Means Clustering Initialization Using Optimization Algorithm. 2019, | |

| 396 | Determination of Aggregate Surface Morphology at the Interfacial Transition Zone (ITZ). 2019, | 2 |
|--------------------------|---|----|
| 395 | . 2019, | 4 |
| 394 | Personalized Preference Collaborative Filtering: Job Recommendation for Graduates. 2019, | О |
| 393 | Multi-Period Observation Clustering for Tariff Definition in a Weekly Basis Remuneration of Demand Response. 2019 , 12, 1248 | 9 |
| 392 | Information System for Analysis of the Need of Doctors Using K-Means Clustering and Chi-Square Test. 2019 , 125, 25001 | |
| 391 | Community Detection Method Based on Node Density, Degree Centrality, and K-Means Clustering in Complex Network. 2019 , 21, 1145 | 6 |
| 390 | Comparing the Accuracy of Hierarchical Agglomerative and K-means Clustering on Mobile Augmented Reality Usability Metrics. 2019 , | 1 |
| 389 | A Machine Learning Approach for Power Gating the FPGA Routing Network. 2019 , | 2 |
| 388 | Automatic Sleep Stage Classification by a Density - Distance- Based K - means Clustering Algorithm with Amendments. 2019 , | |
| 387 | A new driving condition identification method for heavy duty vehicles based on HHMM. 2019 , 26, 334 | 2 |
| | | |
| 386 | Efficient SVM-based approach for CBIR. 2019 , | 2 |
| 386 | Efficient SVM-based approach for CBIR. 2019, A competitive ensemble model for permeability prediction in heterogeneous oil and gas reservoirs. 2019, 1, 100004 | 2 |
| | A competitive ensemble model for permeability prediction in heterogeneous oil and gas reservoirs. | |
| 385 | A competitive ensemble model for permeability prediction in heterogeneous oil and gas reservoirs. 2019, 1, 100004 Risk Profiling from the European Statistics on Accidents at Work (ESAW) Accidents' Databases: A | 8 |
| 385 | A competitive ensemble model for permeability prediction in heterogeneous oil and gas reservoirs. 2019, 1, 100004 Risk Profiling from the European Statistics on Accidents at Work (ESAW) Accidents' Databases: A Case Study in Construction Sites. 2019, 16, | 8 |
| 385 384 383 | A competitive ensemble model for permeability prediction in heterogeneous oil and gas reservoirs. 2019, 1, 100004 Risk Profiling from the European Statistics on Accidents at Work (ESAW) Accidents' Databases: A Case Study in Construction Sites. 2019, 16, Neutrosophic hough transform for blood cells nuclei detection. 2019, 207-227 | 8 |
| 385 384 383 382 | A competitive ensemble model for permeability prediction in heterogeneous oil and gas reservoirs. 2019, 1, 100004 Risk Profiling from the European Statistics on Accidents at Work (ESAW) Accidents' Databases: A Case Study in Construction Sites. 2019, 16, Neutrosophic hough transform for blood cells nuclei detection. 2019, 207-227 Selective Affinity Propagation Ensemble Clustering. 2019, Permutation Entropy: Enhancing Discriminating Power by Using Relative Frequencies Vector of | 15 |

| 378 | Simple, direct and efficient multi-way spectral clustering. 2019 , 8, 181-203 | 5 |
|---------------------------------|--|---------------------------|
| 377 | DIC-DOC-K-means: Dissimilarity-based Initial Centroid selection for DOCument clustering using K-means for improving the effectiveness of text document clustering. 2019 , 45, 818-832 | 11 |
| 376 | Adaptive Fuzzy Output Feedback Quantized Control for Uncertain Nonlinear Hysteretic Systems Using a New Feedback-Based Quantizer. 2019 , 27, 1738-1752 | 7 |
| 375 | Clustering-based proxy measure for optimizing one-class classifiers. 2019 , 117, 37-44 | 1 |
| 374 | Clustering Methods for Big Data Analytics. 2019, | 7 |
| 373 | Design of Clustered Planar Arrays for Microwave Wireless Power Transmission. 2019 , 67, 606-611 | 10 |
| 372 | Sampling with level set for pigmented skin lesion segmentation. 2019 , 13, 813-821 | 4 |
| 371 | Fuzzy clustering approach for brain tumor tissue segmentation in magnetic resonance images. 2019 , 23, 10105-10117 | 6 |
| 370 | Visual analytics of cellular signaling data. 2019 , 78, 29447-29461 | 2 |
| | | |
| 369 | Overview of Scalable Partitional Methods for Big Data Clustering. 2019 , 1-23 | 11 |
| 369 368 | Overview of Scalable Partitional Methods for Big Data Clustering. 2019, 1-23 Self-adapt reservoir clusterization method to enhance robustness of well placement optimization. 2019, 173, 37-52 | 25 |
| | Self-adapt reservoir clusterization method to enhance robustness of well placement optimization. | |
| 368 | Self-adapt reservoir clusterization method to enhance robustness of well placement optimization. 2019 , 173, 37-52 | 25 |
| 368 367 | Self-adapt reservoir clusterization method to enhance robustness of well placement optimization. 2019 , 173, 37-52 Hierarchical P2P architecture for efficient content distribution. 2019 , 12, 724-739 | 25 |
| 368 367 366 | Self-adapt reservoir clusterization method to enhance robustness of well placement optimization. 2019, 173, 37-52 Hierarchical P2P architecture for efficient content distribution. 2019, 12, 724-739 kROp: k-Means clustering based routing protocol for opportunistic networks. 2019, 10, 1289-1306 | 25 4 41 |
| 368 367 366 365 | Self-adapt reservoir clusterization method to enhance robustness of well placement optimization. 2019, 173, 37-52 Hierarchical P2P architecture for efficient content distribution. 2019, 12, 724-739 kROp: k-Means clustering based routing protocol for opportunistic networks. 2019, 10, 1289-1306 DK-means: a deterministic K-means clustering algorithm for gene expression analysis. 2019, 22, 649-667 Optimization of real-time traffic network assignment based on IoT data using DBN and clustering model in smart city. 2020, 108, 976-986 | 25 4 41 22 |
| 368 367 366 365 364 | Self-adapt reservoir clusterization method to enhance robustness of well placement optimization. 2019, 173, 37-52 Hierarchical P2P architecture for efficient content distribution. 2019, 12, 724-739 kROp: k-Means clustering based routing protocol for opportunistic networks. 2019, 10, 1289-1306 DK-means: a deterministic K-means clustering algorithm for gene expression analysis. 2019, 22, 649-667 Optimization of real-time traffic network assignment based on IoT data using DBN and clustering model in smart city. 2020, 108, 976-986 | 25 4 41 22 39 |

(2020-2020)

| 360 | Improving a Centroid-Based Clustering by Using Suitable Centroids from Another Clustering. 2020 , 37, 352-365 | 3 |
|-----|---|----|
| 359 | Self-supervised autoencoders for clustering and classification. 2020 , 11, 453-466 | 3 |
| 358 | A two-stage method to improve the quality of quantized images. 2020 , 17, 581-605 | 6 |
| 357 | Proceedings of 3rd International Conference on Computer Vision and Image Processing. 2020, | |
| 356 | Fast color quantization using MacQueen & k-means algorithm. 2020 , 17, 1609-1624 | 3 |
| 355 | Sampling Techniques for Supervised or Unsupervised Tasks. 2020 , | 5 |
| 354 | Empirical evaluation of five algorithms for the initialization phase of the k-Means algorithm. 2020 , 16, 35-53 | 1 |
| 353 | Color quantization with Particle swarm optimization and artificial ants. 2020, 24, 4545-4573 | 4 |
| 352 | . 2020 , 16, 2177-2188 | 10 |
| 351 | Method evaluation, parameterization, and result validation in unsupervised data mining: A critical survey. 2020 , 10, e1330 | 7 |
| 350 | Multi-feature weighting neighborhood density clustering. 2020 , 32, 9545-9565 | 2 |
| 349 | Impact of technology on the financial performance of Indian commercial banks: a clustering based approach. 2020 , 10, 433-449 | 2 |
| 348 | DCE-MRI assessment of response to neoadjuvant SABR in early stage breast cancer: Comparisons of single versus three fraction schemes and two different imaging time delays post-SABR. 2020 , 21, 25-31 | 7 |
| 347 | A comparative study of clustering techniques for electrical load pattern segmentation. 2020 , 120, 109628 | 27 |
| 346 | An ensemble clustering based framework for household load profiling and driven factors identification. 2020 , 53, 101958 | 12 |
| 345 | Sustainability Analysis of a Leakage-Monitoring Technique for Water Pipeline Networks. 2020 , 11, 04019052 | 10 |
| 344 | Smart Trends in Computing and Communications. 2020 , | Ο |
| 343 | Characterisation of seafloor substrate using advanced processing of multibeam bathymetry, backscatter, and sidescan sonar in Table Bay, South Africa. 2020 , 429, 106332 | 11 |

| 342 | Condensed Silhouette: An Optimized Filtering Process for Cluster Selection in K-Means. 2020 , 176, 205-214 | 3 |
|-----|---|---|
| 341 | Advances in Computational Intelligence. 2020, | |
| 340 | Development of a cluster analysis method for solving the problem of identifying static voltage load characteristics. 2020 , 1546, 012085 | 1 |
| 339 | Mining event logs for knowledge discovery based on adaptive efficient fuzzy Kohonen clustering network. 2020 , 209, 106482 | 9 |
| 338 | Classification of the Complex Agricultural Planting Structure with a Semi-Supervised Extreme Learning Machine Framework. 2020 , 12, 3708 | 9 |
| 337 | Efficient portfolio construction by means of CVaR and k-means++ clustering analysis: Evidence from the NYSE. 2020 , | 1 |
| 336 | Effects of Color Quantization on JPEG Compression. 2020 , 20, 2050026 | 1 |
| 335 | An edge creation history retrieval based method to predict links in social networks. 2020 , 205, 106268 | 2 |
| 334 | k-Vectors: An Alternating Minimization Algorithm for Learning Regression Functions. 2020 , 66, 7196-7221 | 1 |
| 333 | Composite clustering normal distribution transform algorithm. 2020 , 17, 172988142091214 | 2 |
| 332 | Optimization of the MSMGWB model used for the calculation of infrared remote sensing signals from hot combustion gases of hydrocarbon fuel. 2020 , 107, 103286 | 2 |
| 331 | Facility Selection Model for BOPS Service for an Omnichannel Retail Chain. 2020 , 1-14 | 2 |
| 330 | Is Clustering Time-Series Water Depth Useful? An Exploratory Study for Flooding Detection in Urban Drainage Systems. 2020 , 12, 2433 | 1 |
| 329 | A Novel Model on Reinforce K-Means Using Location Division Model and Outlier of Initial Value for Lowering Data Cost. 2020 , 22, | 3 |
| 328 | An improved genetic algorithm with Lagrange and density method for clustering. 2020 , 32, e5969 | 1 |
| 327 | Bipartite Graph based Multi-view Clustering. 2020 , 1-1 | 6 |
| 326 | An Optimized Controller Placement Algorithm in 5G Based on SDN. 2020 , | 1 |
| 325 | Evaluations in the Moodle-Mediated Music Teaching-Learning Environment. 2020, 1 | 4 |

| 324 | A Novel Food Image Segmentation Based on Homogeneity Test of K-Means Clustering. 2020 , 928, 032059 | 2 |
|-----|---|----|
| 323 | A Framework to Analyze Social Tagging and Unstructured Data. 2020, | |
| 322 | A novel data clustering algorithm based on gravity center methodology. <i>Expert Systems With Applications</i> , 2020 , 156, 113435 | 12 |
| 321 | Determination of Customer Satisfaction using Improved K-means algorithm. 2020 , 24, 16947-16965 | 5 |
| 320 | An efficient Split-Merge re-start for the K-means algorithm. 2020 , 1-1 | 3 |
| 319 | Estimation of the dispersion curves of pipe guided waves by field measurement. 2020 , 140, 106693 | 3 |
| 318 | A hybrid deep clustering approach for robust cell type profiling using single-cell RNA-seq data. 2020 , 26, 1303-1319 | 6 |
| 317 | . 2020, | 2 |
| 316 | FANIC: FArthest Node Initialization Clustering technique for Controller Placement Problem in Software Defined Networking. 2020 , | |
| 315 | The Portrait Depiction of the Market Members Based on Data Mining. 2020 , 34, 2059024 | |
| 314 | Yield-Aware Analog IC Design and Optimization in Nanometer-scale Technologies. 2020, | O |
| 313 | A novel approach to text clustering using genetic algorithm based on the nearest neighbour heuristic. 2020 , 1-13 | 1 |
| 312 | Fault Location in Smart Grids Through Multicriteria Analysis of Group Decision Support Systems. 2020 , 16, 7318-7327 | 7 |
| 311 | k-PbC: an improved cluster center initialization for categorical data clustering. 2020 , 50, 2610-2632 | 15 |
| 310 | A graph theory approach for scenario aggregation for stochastic optimisation. 2020 , 137, 106810 | 1 |
| 309 | A new hybrid image segmentation approach using clustering and black hole algorithm. 2020 , | 8 |
| 308 | Study on spatial distribution of pollutants and total amount reduction in the Duliujian River (Tianjin, China). 2020 , 20, 1380-1395 | 0 |
| 307 | Identifying redundant features using unsupervised learning for high-dimensional data. 2020 , 2, 1 | O |

| 306 | Parameter optimization for MSMGWB model used to calculate infrared remote sensing signals emitted by hot combustion gases of hydrocarbon fuel. 2020 , 249, 107003 | |
|-----|--|----|
| 305 | Clustering-Based Binarization Methods Applied to the Crow Search Algorithm for 0/1 Combinatorial Problems. 2020 , 8, 1070 | 6 |
| 304 | Landslide susceptibility prediction based on a semi-supervised multiple-layer perceptron model. 2020 , 17, 2919-2930 | 36 |
| 303 | Application of k-means clustering for temperature timing characteristics in breakout prediction during continuous casting. 2020 , 106, 4777-4787 | 2 |
| 302 | Partitional Clustering via Nonsmooth Optimization. 2020, | 8 |
| 301 | Essential oils against bacterial isolates from cystic fibrosis patients by means of antimicrobial and unsupervised machine learning approaches. 2020 , 10, 2653 | 17 |
| 300 | Clustering Mixed Numeric and Categorical Data With Cuckoo Search. 2020 , 8, 30988-31003 | 8 |
| 299 | Data Science: New Issues, Challenges and Applications. 2020 , | 1 |
| 298 | Development of new seed with modified validity measures for k-means clustering. 2020 , 141, 106290 | 17 |
| 297 | A density weighted fuzzy outlier clustering approach for class imbalanced learning. 2020 , 32, 13035-13049 | 4 |
| 296 | What do coal geochemistry statistics really mean?. 2020 , 267, 117084 | 11 |
| 295 | Smart Technologies, Systems and Applications. 2020 , | 1 |
| 294 | . 2020 , 8, 46255-46266 | 1 |
| 293 | Distributed Soft Clustering Algorithm For IoT Based on Finite Time Average Consensus. 2020 , 1-1 | 1 |
| 292 | A statistical class center based triangle area vector method for detection of denial of service attacks. 2021 , 24, 393-415 | 8 |
| 291 | Content-based image retrieval using feature weighting and C-means clustering in a multi-label classification framework. 2021 , 24, 1-10 | 7 |
| 290 | The application of spatial domain in optimum initialization for clustering image data using particle swarm optimization. <i>Expert Systems With Applications</i> , 2021 , 168, 114224 | 1 |
| 289 | Initializing k-means Clustering by Bootstrap and Data Depth. 2021 , 38, 232-256 | 8 |
| | | |

| 288 | CDBH: A clustering and density-based hybrid approach for imbalanced data classification. <i>Expert Systems With Applications</i> , 2021 , 164, 114035 | 8 |
|-----|--|----|
| 287 | Automated segmentation and classifcation of retinal features for glaucoma diagnosis. 2021, 63, 102244 | 13 |
| 286 | A lane-changing risk profile analysis method based on time-series clustering. 2021 , 565, 125567 | 13 |
| 285 | SRPTackle: A semi-automated requirements prioritisation technique for scalable requirements of software system projects. 2021 , 131, 106501 | 1 |
| 284 | Information Retrieval from Electronic Health Records. 2021 , 117-127 | |
| 283 | An entropy-based initialization method of K-means clustering on the optimal number of clusters. 2021 , 33, 6965-6982 | 14 |
| 282 | Tunneling parameters optimization based on multi-objective differential evolution algorithm. 2021 , 25, 3637-3656 | 2 |
| 281 | Fault detection of FWTPs in coal-fired power plants using K-WD-KPCA in consideration of multiple operation conditions. 2021 , 16, e2599 | O |
| 280 | Re-visiting Riemannian geometry of symmetric positive definite matrices for the analysis of functional connectivity. 2021 , 225, 117464 | 8 |
| 279 | A simulated annealing algorithm with a dual perturbation method for clustering. 2021 , 112, 107713 | 12 |
| 278 | Community detection and co-author recommendation in co-author networks. 2021 , 12, 597-609 | 2 |
| 277 | Color segmentation and extraction of yarn-dyed fabric based on a hyperspectral imaging system. 2021 , 91, 729-742 | 1 |
| 276 | Product recommendation for e-commerce business by applying principal component analysis (PCA) and K-means clustering: benefit for the society. 2021 , 17, 45-52 | 5 |
| 275 | A Multi-View Clustering Algorithm for Mixed Numeric and Categorical Data. 2021 , 9, 24913-24924 | 3 |
| 274 | Dinucleotides as simple models of the base stacking-unstacking component of DNA 'breathing' mechanisms. 2021 , 49, 1872-1885 | 3 |
| 273 | A high speed roller dung beetles clustering algorithm and its architecture for real-time image segmentation. 2021 , 51, 4682-4713 | 3 |
| 272 | Applying Negative Association Rule Utilizing Unsupervised Machine Learning Models. 2021 , 73-81 | |
| 271 | Clustering and Classification of Manufacturing Enterprises Regarding Their Industry 4.0 Reshoring Incentives. 2021 , 180, 696-705 | 4 |

| 270 | Efficient Privacy Preserving Distributed K-Means for Non-IID Data. 2021 , 439-451 | О |
|-----|--|----|
| 269 | Classifying Model-View-Controller Software Applications Using Self-Organizing Maps. 2021 , 9, 45201-45229 | 4 |
| 268 | Network Bending: Expressive Manipulation of Deep Generative Models. 2021 , 20-36 | |
| 267 | The difference of multifractality of black carbon, NOx and CO at traffic site and its implications for air pollution sources. 2021 , 35, 1715 | Ο |
| 266 | Big Data Clustering Techniques: Recent Advances and Survey. 2021 , 57-79 | 0 |
| 265 | A novel image segmentation approach using fcm and whale optimization algorithm. 1 | 5 |
| 264 | Model-based production optimization under geological and economic uncertainties using multi-objective particle swarm method. 2021 , 76, 60 | 1 |
| 263 | A new metaheuristic algorithm based on water wave optimization for data clustering. 1 | 7 |
| 262 | User Behavior Analysis Based on Stacked Autoencoder and Clustering in Complex Power Grid Environment. 2021 , 1-15 | 7 |
| 261 | Time weighted kernel sparse representation based real-time nonlinear multimode process monitoring}. 2021 , 1-1 | 4 |
| 260 | Towards Understanding Time Varying Triangle Meshes. 2021 , 45-58 | 1 |
| 259 | Big data analytics and process safety. 2021 , 209-270 | O |
| 258 | Comparative Analysis of Inductive Density Clustering Algorithms Meanshift and DBSCAN. 2021, 232-242 | |
| 257 | Balancing Task Allocation in Multi-robot Systems Using adpK-Means Clustering Algorithm. 2021 , 227-242 | |
| 256 | Research on Hand Detection in Complex Scenes Based on RGB-D Sensor. 2021 , 147-158 | |
| 255 | Performances of K-Means Clustering Algorithm with Different Distance Metrics. 2021 , 29, 735-742 | 10 |
| 254 | Unsupervised aided investigation on the associations between municipal solid waste characteristics and socio-economic conditions. 2021 , 194, 110633 | 0 |
| 253 | A Lidar-Based 3-D Photosynthetically Active Radiation Model Reveals the Spatiotemporal Variations of Forest Sunlit and Shaded Leaves. 2021 , 13, 1002 | 2 |

| 252 | Innovative study on clustering center and distance measurement of K-means algorithm: mapreduce efficient parallel algorithm based on user data of JD mall. 1 | О |
|-----|---|---|
| 251 | Universal image segmentation for optical identification of 2D materials. 2021 , 11, 5808 | 4 |
| 250 | The SpeedAccuracy Tradeoff as a Subject of Psychological Analysis. 2021 , 23, 123-132 | |
| 249 | . 2021 , 21, 10167-10173 | 3 |
| 248 | Visualization and Mapping of Knowledge and Science Landscapes in Expert Systems With Applications Journal: A 30 Years Bibliometric Analysis. 2021 , 11, 215824402110275 | 2 |
| 247 | Predict and Write: Using K-Means Clustering to Extend the Lifetime of NVM Storage. 2021 , | 2 |
| 246 | Weighted multi-view co-clustering (WMVCC) for sparse data. 1 | 1 |
| 245 | A hybrid reciprocal model of PCA and K-means with an innovative approach of considering sub-datasets for the improvement of K-means initialization and step-by-step labeling to create clusters with high interpretability. 2021 , 24, 1387-1402 | 1 |
| 244 | Emotional categorization of objects: A novel clustering approach and the effect of depression. 2021 , 406, 113223 | О |
| 243 | Automatic slowness vector measurements of seismic arrivals with uncertainty estimates using bootstrap sampling, array methods and unsupervised learning. 2021 , 226, 1847-1857 | 2 |
| 242 | Pattern Synthesis of Subarrayed Large Linear and Planar Arrays Using \$K\$-Means Solution. 2021 , 20, 693-697 | 4 |
| 241 | Does the Integration of Pre-Coded Information with Narratives Improve in-Hospital Falls Surveillance?. 2021 , 11, 4406 | Ο |
| 240 | Damage mechanism identification in composites via machine learning and acoustic emission. 2021 , 7, | 6 |
| 239 | Clusters of Brazilian municipalities and the relationship with their fiscal management. 2021, | |
| 238 | Fuzzy Clustering Methods with Rliyi Relative Entropy and Cluster Size. 2021 , 9, 1423 | 1 |
| 237 | Correlation and congruence modulo based clustering technique and its application in energy classification. 2021 , 30, 100561 | 2 |
| 236 | An empirical comparison between stochastic and deterministic centroid initialisation for K-means variations. 2021 , 110, 1975-2003 | 6 |
| 235 | Approximate Partitional Clustering Through Systematic Sampling in Big Data Mining. 2022 , 215-226 | O |

| 234 | Sentiment Analysis based on Soft Clustering through Dimensionality Reduction Technique. 2021 , 40, 630-644 | O |
|-----|---|----|
| 233 | Broad learning system for semi-supervised learning. 2021 , 444, 38-47 | 4 |
| 232 | Impacts of phosphorus loading temporal pattern on benthic algae growth in Lake Ontario. 2021 , 598, 126449 | 2 |
| 231 | DHkmeans-固iversity: distributed hierarchical K-means for satisfaction of the 嵒iversity privacy model using Apache Spark. 1 | 2 |
| 230 | MetaBinner: a high-performance and stand-alone ensemble binning method to recover individual genomes from complex microbial communities. | O |
| 229 | Clustering and statistical analyses of electricity consumption for university dormitories: A case study from China. 2021 , 245, 110862 | 1 |
| 228 | A New Initialization Method for K-means Algorithm Based on Clustering Coefficient. 2021 , 1992, 042060 | |
| 227 | An Approach Based on Tunicate Swarm Algorithm to Solve Partitional Clustering Problem. | O |
| 226 | Unsupervised event classification with graphs on classical and photonic quantum computers. 2021 , 2021, 1 | 4 |
| 225 | Sorting, regrouping, and echelon utilization of the large-scale retired lithium batteries: A critical review. 2021 , 146, 111162 | 19 |
| 224 | Non-melanoma skin cancer diagnosis: a comparison between dermoscopic and smartphone images by unified visual and sonification deep learning algorithms. 2021 , 1 | 0 |
| 223 | Research on predicting learning achievement in a flipped classroom based on MOOCs by big data analysis. | 1 |
| 222 | Turning waste into wealth: A systematic review on echelon utilization and material recycling of retired lithium-ion batteries. 2021 , 40, 96-123 | 24 |
| 221 | K-means clustering for the aggregation of HFLTS possibility distributions: N-two-stage algorithmic paradigm. 2021 , 227, 107230 | 18 |
| 220 | Multiple Stokes sectional plane image based modulation format recognition with a generative adversarial network. 2021 , 29, 31836-31848 | 0 |
| 219 | Balanced k-means clustering on an adiabatic quantum computer. 2021 , 20, 1 | 11 |
| 218 | Optimal Investment Decisions for a Zero Emission Building under Uncertainty: Stochastic BUTLER. 2021 , | О |
| 217 | Biofluid analysis and classification using IR and 2D-IR spectroscopy. 2021 , 217, 104408 | 1 |

| 216 | Machine Learning in Epigenomics: Insights into Cancer Biology and Medicine. 2021 , 1876, 188588 | 3 |
|-----|---|----|
| 215 | Feature selection in jump models. <i>Expert Systems With Applications</i> , 2021 , 184, 115558 7.8 | |
| 214 | Multilinear clustering via tensor Fukunaga K oontz transform with Fisher eigenspectrum regularization. 2021 , 113, 107899 | 1 |
| 213 | A Tradeoff Between Accuracy and Speed for K-Means Seed Determination. 2022 , 40, 1085-1098 | |
| 212 | Rate of penetration prediction while drilling vertical complex lithology using an ensemble learning model. 2022 , 208, 109335 | 3 |
| 211 | Feature Selection in Jump Models. | |
| 210 | Global Data Distribution Weighted Synthetic Oversampling Technique for Imbalanced Learning. 2021 , 9, 44770-44783 | 2 |
| 209 | Maximum a Posteriori Approximation of Hidden Markov Models for Proportional Sequential Data Modeling With Simultaneous Feature Selection. 2021 , PP, | 1 |
| 208 | Spark Based Intrusion Detection System Using Practical Swarm Optimization Clustering. 2021, 197-216 | |
| 207 | Shrinking FPGA Static Power via Machine Learning-Based Power Gating and Enhanced Routing. 2021 , 9, 115599-115619 | |
| 206 | Comparing Local Search Initialization for K-Means and K-Medoids Clustering in a Planar Pareto Front, a Computational Study. 2021 , 14-28 | |
| 205 | Utilizing Structure-Rich Features to Improve Clustering. 2021 , 91-107 | 2 |
| 204 | Approximating Spectral Clustering via Sampling: A Review. 2020 , 129-183 | 11 |
| 203 | Efficient Security Policy Management Using Suspicious Rules Through Access Log Analysis. 2019 , 250-266 | 2 |
| 202 | Mathematical Foundations in Visualization. 2020 , 87-119 | 1 |
| 201 | Incremental Clustering Algorithms. 2020 , 185-200 | 2 |
| 200 | Determinative Brain Storm Optimization. 2020 , 259-271 | 3 |
| 199 | Consensus of Clusterings Based on High-Order Dissimilarities. 2015 , 313-351 | 2 |

| 198 | Linear, Deterministic, and Order-Invariant Initialization Methods for the K-Means Clustering Algorithm. 2015 , 79-98 | 5 |
|--------------------------|--|-------------------|
| 197 | Spark-Based Design of Clustering Using Particle Swarm Optimization. 2019 , 91-113 | 1 |
| 196 | Color Image Quantization Scheme Using DBSCAN with K-Means Algorithm. 2014 , 1037-1045 | 1 |
| 195 | On Careful Selection of Initial Centers for K-means Algorithm. 2016 , 435-445 | 4 |
| 194 | A Teaching Learning-Based Particle Swarm Optimization for Data Clustering. 2019, 223-233 | 2 |
| 193 | An Information Provision System as a Function of HEMS to Promote Energy Conservation and Maintain Indoor Comfort. 2017 , 105, 3213-3218 | 5 |
| 192 | Improved control of propeller ventilation using an evidence reasoning rule based Adaboost.M1 approach. 2020 , 209, 107329 | 2 |
| 191 | An enhanced-sampling MD-based protocol for molecular docking. | 1 |
| 190 | A Hybrid Deep Clustering Approach for Robust Cell Type Profiling Using Single-cell RNA-seq Data. | 2 |
| | | |
| 189 | CITY FEED. 2016 , 7, 1-25 | 15 |
| 189 188 | CITY FEED. 2016 , 7, 1-25 Query-Biased Partitioning for Selective Search. 2016 , | 15 |
| | | |
| 188 | Query-Biased Partitioning for Selective Search. 2016 , | 10 |
| 188 | Query-Biased Partitioning for Selective Search. 2016 , A controller deployment scheme in 5G-IoT network based on SDN. 2020 , 2020, | 10 |
| 188 187 186 | Query-Biased Partitioning for Selective Search. 2016, A controller deployment scheme in 5G-IoT network based on SDN. 2020, 2020, On the efficiency of K-means clustering. 2020, 14, 163-175 | 10 0 |
| 188 187 186 | Query-Biased Partitioning for Selective Search. 2016, A controller deployment scheme in 5G-IoT network based on SDN. 2020, 2020, On the efficiency of K-means clustering. 2020, 14, 163-175 Neural network technology to search for targets in remote sensing images of the Earth. 2019, 180-186 | 10 0 4 |
| 188 187 186 185 | Query-Biased Partitioning for Selective Search. 2016, A controller deployment scheme in 5G-IoT network based on SDN. 2020, 2020, On the efficiency of K-means clustering. 2020, 14, 163-175 Neural network technology to search for targets in remote sensing images of the Earth. 2019, 180-186 Improved K-means Clustering Algorithm and its Applications. 2019, 13, 403-409 | 10 0 4 1 |

| 180 | Improving Scalable K-Means++. 2021 , 14, 6 | 8 |
|-----|--|---|
| 179 | A soft subspace clustering algorithm with log-transformed distances. 2015 , 1, 93-109 | 3 |
| 178 | A Fuzzy ANP Based Weighted RFM Model for Customer Segmentation in Auto Insurance Sector. 2018 , 1050-1067 | 3 |
| 177 | Wasserstein Distances, Geodesics and Barycenters of Merge Trees. 2021 , PP, | 2 |
| 176 | An Effective Hybrid Synthesis Strategy of Multi-Beam Subarray. 2021 , 1-1 | |
| 175 | A Modified Version of K-Means Algorithm. 2022 , 299-308 | Ο |
| 174 | Stratified linear systematic sampling based clustering approach for detection of financial risk group by mining of big data. 1 | 1 |
| 173 | Interpretable data-driven demand modelling for on-demand transit services. 2021 , 154, 1-22 | |
| 172 | FKMAWCW: Categorical fuzzy k-modes clustering with automated attribute-weight and cluster-weight learning. 2021 , 153, 111494 | 3 |
| 171 | On Semi-Supervised Clustering. 2015 , 277-311 | |
| 170 | Graph Based Kernel k-Means Using Representative Data Points as Initial Centers. 2015, 293-304 | |
| 169 | An Approach to Rapid Worker Discovery in Software Crowdsourcing. 2015 , 370-382 | Ο |
| 168 | Probabilistically Grounded Unsupervised Training of Neural Networks. 2016 , 533-558 | |
| 167 | Human Facial Expression Recognition Based on 3D Cuboids and Improved K-means Clustering Algorithm. 2016 , 358-367 | |
| 166 | New Patent Market Analysis Technology for ASEAN Entrepreneurs. 2017, 33-45 | |
| 165 | Modified Single Pass Clustering Algorithm Based on Median as a Threshold Similarity Value. 2017 , 24-48 | 2 |
| 164 | A Hybrid Approach Based on CS and GA for Cluster Analysis. 2017 , 481-490 | |
| 163 | Determining Murder Prone Areas Using Modified Watershed Model. 2017 , 307-316 | 1 |

| 162 | MILES. 2017, | 1 |
|-----|---|---|
| 161 | An Abnormal Behavior Clustering Algorithm Based on K-means. 2018 , 535-544 | |
| 160 | An Improved DBSCAN Algorithm Using Local Parameters. 2018 , 3-12 | 1 |
| 159 | MaxMin Linear Initialization for Fuzzy C-Means. 2018 , 1-15 | |
| 158 | A Research on the Identification of Internet User Based on Deep Learning. 2018, 73-80 | 1 |
| 157 | An Experiment of <i>K</i>-Means Initialization Strategies on Handwritten Digits Dataset. 2018 , 10, 43-48 | 2 |
| 156 | High-frequency small angle measurement using a dynamic autocollimator based on an improved k-means algorithm. 2018 , 57, 1 | 2 |
| 155 | Knowledge Graph Embedding Based on Adaptive Negative Sampling. 2019 , 551-563 | 2 |
| 154 | Incremental k-Means Method. 2019 , 38-46 | 1 |
| 153 | Airport Role Orientation Based on Improved K-means Clustering Algorithm. 2019 , 299-309 | О |
| 152 | Combined application of hierarchical and non-hierarchical clustering methods in order to segment the customers in one trade chain. 2019 , 7, 61-72 | |
| 151 | Auto SVD Clutter Filtering for US Doppler Imaging Using 3D Clustering Algorithm. 2019 , 473-483 | O |
| 150 | Online K-Means Clustering with Lightweight Coresets. 2019 , 191-202 | |
| 149 | Predicting the Co-movement of Stocks in the Hong Kong Stock Market. 2019 , 723-734 | |
| 148 | Product Prediction and Recommendation in Sustainable E-Commerce Using Association Rule Mining and K-Means Clustering. 2019 , 254-266 | |
| 147 | Terminal Access Data Anomaly Detection Based on Random Forest for Power User Electric Energy Data Acquisition System. 2020 , 166-175 | O |
| 146 | Simple linear regression model based data clustering. 2019 , | О |
| 145 | Improved Efficient Dictionary Learning with Cross-Label and Group Regularization. 2020 , 50-58 | |

| 144 | Novel computational deep learning strategy for neuroprotection identification reveals unique set of nicotine analogs as potential therapeutic compounds against Parkinson disease. | |
|-----|--|---|
| 143 | Optimal Number of Seed Point Selection Algorithm of Unknown Dataset. 2020 , 257-269 | |
| 142 | A Family of Unsupervised Sampling Algorithms. 2020 , 45-81 | |
| 141 | Avoiding "conflicts of interest": a computational approach to scheduling parallel conference tracks and its human evaluation. 2019 , 5, e234 | 1 |
| 140 | Comparative Analysis of K-Means Algorithm and Particle Swarm Optimization for Search Result Clustering. 2020 , 109-114 | |
| 139 | Investigation of User Vulnerability in Social Networking Site. 2020 , 219-234 | |
| 138 | Sales prediction on e-commerce platform, by using data mining model. 2020 , 5, 60-76 | 1 |
| 137 | Fully Automatic Computer-Aided Detection of Breast Cancer based on Genetic Algorithm Optimization. 2020 , | |
| 136 | As-rigid-as-possible volume tracking for time-varying surfaces. 2021 , 102, 329-329 | 1 |
| 135 | Multi-Sound-Source Localization Using Machine Learning for Small Autonomous Unmanned Vehicles with a Self-Rotating Bi-Microphone Array. 2021 , 103, 1 | O |
| 134 | Heuristic Clustering Algorithms. 2020 , 135-163 | |
| 133 | Comparison Methods for Fuzzy C-Means Initialization Applied to Image Segmentation. 2020 , 350-362 | |
| 132 | IKM-NCS: A Novel Clustering Scheme Based on Improved K-Means Algorithm. 2020 , 14, 114-119 | |
| 131 | Multimodal action recognition using variational-based Beta-Liouville hidden Markov models. 2020 , 14, 4785-4794 | O |
| 130 | . 2020, | 1 |
| 129 | Maxmin Data Range Heuristic-Based Initial Centroid Method of Partitional Clustering for Big Data Mining. 2022 , 12, 1-22 | O |
| 128 | Monte Carlo-Based Yield Estimation: New Methodology. 2020 , 97-153 | |
| 127 | The Borda Count as a Tool for Reducing the Influence of the Distance Function on kmeans. 2020 , 450-461 | |

On SDN Controllers Placement Problem in Wide Area Networks. **2020**, 471-479

| 125 | Application of Inductive Bayesian Hierarchical Clustering Algorithm to Identify Brain Tumors. 2021 , 567-584 | |
|-----|--|---|
| 124 | Dinucleotides as simple models of the base stacking-unstacking component of DNA B reathing mechanisms. | |
| 123 | Implementation of Data Mining in Grouping Percentage of Blind Letters Age 15+ By Province Using K-Means Algorithm. 2020 , 1641, 012081 | 1 |
| 122 | An interactive consensus reaching model with updated weights of clusters in large-scale group decision making. 2022 , 107, 104532 | 3 |
| 121 | A single-loop reliability analysis strategy for time-dependent problems with small failure probability. 2022 , 219, 108230 | 5 |
| 120 | Vote and KNN outlier detection in Wireless Sensor Networks. 2021, | |
| 119 | Efficient exploratory clustering analyses in large-scale exploration processes. 1 | 2 |
| 118 | Machine Learning in Beyond 5G/6G NetworksBtate-of-the-Art and Future Trends. 2021 , 10, 2786 | 8 |
| 117 | SSL++: Improving Self-supervised Learning by Mitigating the Proxy Task-Specificity Problem 2021 , PP, | 1 |
| 116 | Data-driven scenario generation of renewable energy production based on controllable generative adversarial networks with interpretability. 2022 , 308, 118387 | 2 |
| 115 | Alpsoc Ant Lion *: Particle Swarm Optimized Hybrid K-Medoid Clustering. 2020, | |
| 114 | Knowledge-Based Grasp Planning Using Dynamic Self-Organizing Network. 2020, | |
| 113 | A Cluster Center Initialization Method using Hyperspace-based Multi-level Thresholding (HMLT): Application to Color Ancient Document Image Denoising. 2020 , | |
| 112 | Production Resumption Analysis for Different Industries by K-means Clustering. 2020, | |
| 111 | A review of data mining methods in financial markets. 2021 , 1, 362-392 | 1 |
| 110 | A method for assessment of the general circulation model quality using the <i>K</i>-means clustering algorithm: a case study with GETM v2.5. 2022 , 15, 535-551 | 0 |
| 109 | Maxmin distance sort heuristic-based initial centroid method of partitional clustering for big data mining. 2022 , 25, 139-156 | 1 |

| 108 | Digital soil assessment towards soil information system for monitoring salinization and sodification in agricultural areas. | O |
|-----|---|---|
| 107 | Shaped-Beam Pattern Synthesis with Sidelobe Level Minimization via Nonuniformly-Spaced Sub-Array. 2022 , 1-1 | O |
| 106 | Toolbox for Distance Estimation and Cluster Validation on Data With Missing Values. 2022, 10, 352-367 | 1 |
| 105 | Recombinator-k-means: An evolutionary algorithm that exploits k-means++ for recombination. 2022 , 1-1 | O |
| 104 | Performance tuning of Android applications using clustering and optimization heuristics. 2022, 27-50 | 1 |
| 103 | Load Classification and Driven Factors Identification Based on Ensemble Clustering. 2022, 81-99 | |
| 102 | Social Network Community-Discovery Algorithm Based on a Balance Factor. 2022 , 2022, 1-11 | O |
| 101 | Unmasking Privacy Leakage through Android Apps Obscured with Hidden Permissions. 2021, | |
| 100 | Understanding Domain Knowledge in Initialization Method for K-Mean Clustering Algorithm in Medical Images. 2022 , 805-817 | 0 |
| 99 | Deterministic Initialization of \$k\$-means Clustering by Data Distribution Guide. 2022, | |
| 98 | Data Science-Based Battery Reutilization Management. 2022 , 201-244 | |
| 97 | Optimal Initialization Conditions Discovery to Improve Clustering Based Image Segmentation. | |
| 96 | An Effective and Efficient Algorithm for K-means Clustering with New Formulation. 2022, 1-1 | 1 |
| 95 | Identification of the Right Moment for Motor Vehicle ReplacementIlife-Cycle Analysis in Serbia and Montenegro. 2022 , 14, 2744 | O |
| 94 | Robust self-tuning multi-view clustering. 2022 , 25, 489-512 | O |
| 93 | Performance of Parallel K-Means Algorithms in Java. 2022 , 15, 117 | 2 |
| 92 | Drip-Tape-Following Approach Based on Machine Vision for a Two-Wheeled Robot Trailer in Strip Farming. 2022 , 12, 428 | 1 |
| 91 | Towards Real-Time 3D Editable Model Generation for Existing Indoor Building Environments on a Tablet. 3, | |

| 90 | K-means for Evolving Data Streams. 2021 , | О |
|----|---|---|
| 89 | Unsupervised Algorithms for Microarray Sample Stratification 2022 , 2401, 121-146 | |
| 88 | Network Bending: Expressive Manipulation of Generative Models in Multiple Domains 2021 , 24, | |
| 87 | A Semantic Machine Learning Algorithm for Cyber Threat Detection and Monitoring Security. 2021 , | O |
| 86 | Analysis of Vegetative Cover Vulnerability in Rohingya Refugee Camps of Bangladesh Utilizing Landsat and Per Capita Greening Area (PCGA) Datasets. 2021 , 13, 4922 | 1 |
| 85 | Methods for modeling the steering wheel torque of a steer-by-wire vehicle. 1 | O |
| 84 | Evolving Applications of Artificial Intelligence and Machine Learning in Infectious Diseases Testing 2021 , 68, 125-133 | 3 |
| 83 | Framework for Monitoring the Spatiotemporal Distribution and Clustering of Drought Characteristics in Hunan Province. 2021 , 11, 11524 | O |
| 82 | GLEAN: Generalized Deduplication Enabled Approximate Edge Analytics. 2022, 1-1 | |
| 81 | An unsupervised machine learning approach to evaluate sports facilities condition in primary school 2022 , 17, e0267009 | O |
| 80 | MinThax kurtosis mean distance based k-means initial centroid initialization method for big genomic data clustering. | 0 |
| 79 | GEOCLUS: A Fuzzy-Based Learning Algorithm for Clustering Expression Datasets. 2022 , 337-349 | |
| 78 | The CBHe system evolution reveals organic matter preservation in lacustrine shales of Yanchang Formation, Ordos Basin, China. 2022 , 105734 | 0 |
| 77 | Flow field characterization and evaluation method based on unsupervised machine learning. 2022, 110599 | O |
| 76 | A model-based clustering of expectation thaximization and K-means algorithms in crime hotspot analysis. 2022 , 9, 1-12 | 1 |
| 75 | How Landscape Characteristics in a Heterogeneous Oil Palm Plantation Mitigate Pest Abundance: A Case Study from Mapiripfi, Colombia. | |
| 74 | An extensive empirical comparison of k-means initialisation algorithms. 2022 , 1-1 | 0 |
| 73 | Application of a Modified Combinational Approach to Brain Tumor Detection in MR Images. | |

| 72 | Clustering using matrix product states. 2022 , 105, | | 0 | |
|----|--|-----|---|--|
| 71 | Clustering Algorithm with a Greedy Agglomerative Heuristic and Special Distance Measures. 2022 , 15, 191 | | | |
| 70 | Practical Quantum K-Means Clustering: Performance Analysis and Applications in Energy Grid Classification. 2022 , 1-16 | | | |
| 69 | Importance of Initialization in K-Means Clustering. 2022, | | | |
| 68 | k-means and fuzzy c-means fusion for object clustering. 2022 , | | | |
| 67 | Will I start an automated driving system? Report on the emotions, cognition, and intention of drivers who experienced real-world conditional automated driving. | | | |
| 66 | Nigerian teachers' self-reported climate science literacy and expressed training needs on climate change concepts: Prospects of job-embedded situative professional development. | | | |
| 65 | Min max kurtosis distance based improved initial centroid selection approach of K-means clustering for big data mining on gene expression data. | | | |
| 64 | Exploring the Group Difference in the Nonlinear Relationship between Commuting Satisfaction and Commuting Time. 2022 , 14, 8473 | | | |
| 63 | Min-max kurtosis stratum mean: An improved K-means cluster initialization approach for microarray gene clustering on multidimensional big data. | | | |
| 62 | The incremental online k-means clustering algorithm and its application to color quantization. <i>Expert Systems With Applications</i> , 2022 , 207, 117927 | 7.8 | 4 | |
| 61 | Measuring ethnic school segregation within local educational markets in England. 1-24 | | | |
| 60 | An exact algorithm for semi-supervised minimum sum-of-squares clustering. 2022 , 105958 | | | |
| 59 | A Lightweight Crop Pest Detection Method Based on Convolutional Neural Networks. 2022 , 12, 7378 | | О | |
| 58 | k-Means-MIND: comparing seeds without repeated k-means runs. | | 1 | |
| 57 | QoS Improvement Evaluation With An Effective Switch Assignment to the Controller in Real-Time SDN Environment. 2022 , 119-136 | | | |
| 56 | NDPD: an improved initial centroid method of partitional clustering for big data mining. | | | |
| 55 | Determinantal consensus clustering. | | | |

| 54 | Quantitative comparison of different approaches for reconstructing the carbon-binder domain from tomographic image data of cathodes in lithium-ion batteries and its influence on electrochemical properties. | O |
|----|---|---|
| 53 | Customisation of green buildings assessment tools based on climatic zoning and experts judgement using K-means clustering and fuzzy AHP. 2022 , 223, 109473 | O |
| 52 | Adaptive classification of aggregate morphologies using clustering for investigation of correlation with contact characteristics of aggregates. 2022 , 349, 128802 | 1 |
| 51 | Development of accelerated reliability test cycle for electric drive system based on vehicle operating data. 2022 , 141, 106696 | 1 |
| 50 | Investigation of VRF system cooling operation and performance in residential buildings based on large-scale dataset. 2022 , 61, 105219 | 0 |
| 49 | FC-Kmeans: Fixed-centered K-means algorithm. 2023 , 211, 118656 | O |
| 48 | Microwave Tomography Data Deconstruct of Spatially Diverse C-Band Scatter Components Using Clustering Algorithms. 2022 , 10, 98013-98033 | O |
| 47 | ClustVariants: An Approach for Schema Variants Extraction from JSON Document Collections. 2022 | O |
| 46 | Superpixel segmentations for thin sections: Evaluation of methods to enable the generation of machine learning training data sets. 2022 , 105232 | 2 |
| 45 | Band depth based initialization of K-means for functional data clustering. | O |
| 44 | Improvement of K-Means Algorithm and Its Application in Air Passenger Grouping. 2022, 2022, 1-13 | O |
| 43 | Economic Dispatch Considering Hourly Capacity Allocation with a Variable Renewable and Hydro-Based Generation Portfolio. 2022 , 14, 594-614 | O |
| 42 | ???????????????. 2022, | O |
| 41 | Applications of Machine Learning in Healthcare. 2022 , 177-195 | O |
| 40 | Cancer tissue detection using improved K-means initialization method for multi-dimensional microarray big data clustering. | O |
| 39 | Customer decision-making analysis based on big social data using machine learning: a case study of hotels in Mecca. | O |
| 38 | Developing neighbourhood typologies and understanding urban inequality: a data-driven approach. 2022 , 9, 618-640 | О |
| 37 | | |

| 36 | Classification and Feature Extraction Using Supervised and Unsupervised Machine Learning Approach for Broiler Woody Breast Myopathy Detection. 2022 , 11, 3270 | 0 |
|----|---|---|
| 35 | WeDIV An improved k-means clustering algorithm with a weighted distance and a novel internal validation index. 2022 , | 1 |
| 34 | Clustering of Firms Based on Environmental, Social, and Governance Ratings: Evidence from BIST Sustainability Index. 2022 , | 1 |
| 33 | A Novel Method of Clustering Using a Stochastic Approach. 2022 , 10, 117925-117943 | O |
| 32 | Investigating the Role of Clustering in Construction-Accident Severity Prediction Using a Heterogeneous and Imbalanced Data Set. 2023 , 149, | O |
| 31 | Investigating pedestrian behaviour in urban environments: A Wi-Fi tracking and machine learning approach. 2023 , 2, 100049 | 1 |
| 30 | A novel motor fault diagnosis method based on Principal Component Analysis (PCA)with a Discrete Belief Rule Base (DBRB) system. | 0 |
| 29 | Automatic Quantitative Identification of Bridge Surface Cracks Based on Deep Learning. 2023, 37, | O |
| 28 | Initializing FWSA K-Means with Feature Level Constraints. 2022 , 1-1 | O |
| 27 | Data clustering using leaders and followers optimization and differential evolution. 2023 , 132, 109838 | O |
| 26 | New perspectives on temporal changes in occupancy characteristics of residential buildings. 2023 , 64, 105590 | 1 |
| 25 | K-means clustering algorithms: A comprehensive review, variants analysis, and advances in the era of big data. 2023 , 622, 178-210 | 5 |
| 24 | A method for short-term passenger flow prediction in urban rail transit based on deep learning. | O |
| 23 | Estimating the Number of Clusters in High-Dimensional Large Datasets. 2023 , 19, 1-14 | O |
| 22 | Fictitious Play with Maximin Initialization. 2022, | O |
| 21 | R Programlama Dili ile Kīheleme Analizi. 2022 , 22, 341-366 | O |
| 20 | An NWDAF Approach to 5G Core Network Signaling Traffic: Analysis and Characterization. 2022, | 0 |
| 19 | Intelligent Framework to Support Technology and Business Specialists in the Public Sector. 2023, 1-1 | O |

| 18 | High Performance Time Series Anomaly Detection Using Brain Inspired Cortical Coding Method. 2023 , 11, 8345-8361 | О |
|----|--|---|
| 17 | An intensity-density associative clustering method for big millimeter-wave image data. 2023, | O |
| 16 | Missing Data Imputation in Multivariate Time Series Data. 2022 , 19, 39-60 | О |
| 15 | Study of Image Segmentation and Classification Methods for Climate Data Analysis. 2023, 643-661 | О |
| 14 | Hierarchical Color Encoding for Progressive Image Transmission in Underwater Environments. 2023 , 8, 2970-2975 | 0 |
| 13 | A survey of clustering large probabilistic graphs: Techniques, evaluations, and applications. | О |
| 12 | An Efficient Algorithm for Initializing Centroids in K-means Clustering. 2016 , 3, 18-24 | 0 |
| 11 | Evaluation, simulation, and optimization of land use spatial patterns for high-quality development: A case study of Zhengzhou city, China. 2023 , 33, 266-288 | o |
| 10 | The Study of the Unsupervised Classification Method Using the K-means Algorithm by a Proposition of a Simple Initialization Technique. 2023 , 617-625 | 0 |
| 9 | Energy Consumption Patterns and Characteristics of College Dormitory Buildings Based on Unsupervised Data Mining Method. 2023 , 13, 666 | o |
| 8 | A Robust and High-Dimensional Clustering Algorithm Based on Feature Weight and Entropy. 2023 , 25, 510 | 0 |
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| 6 | Polynomial algorithms for p-dispersion problems in a planar Pareto Front. | 0 |
| 5 | A novel residual block: replace Conv1 with Conv3B and stack more convolutions. 9, e1302 | О |
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| 3 | Multi-start local search algorithm based on a novel objective function for clustering analysis. | О |
| 2 | Greedy Centroid Initialization for Federated K-means. 2023, | 0 |
| 1 | A bibliometric analysis of worldwide cancer research using machine learning methods. | О |

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