

# Jan PlatoÅ¡

## List of Publications by Year in descending order

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Version: 2024-02-01

188  
papers

1,349  
citations

566801

15  
h-index

525886

27  
g-index

202  
all docs

202  
docs citations

202  
times ranked

1086  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Sentiment Analysis of COVID-19 tweets by Deep Learning Classifiers – A study to show how popularity is affecting accuracy in social media. Applied Soft Computing Journal, 2020, 97, 106754.  | 4.1 | 244       |
| 2  | Lightweight Spectral – Spatial Squeeze-and- Excitation Residual Bag-of-Features Learning for Hyperspectral Classification. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 5277-5290.   | 2.7 | 69        |
| 3  | Border Collie Optimization. IEEE Access, 2020, 8, 109177-109197.  | 2.6 | 56        |
| 4  | Fuzzy classification by evolutionary algorithms. , 2011, , .  |     | 49        |
| 5  | A heuristic approach to Active Demand Side Management in Off-Grid systems operated in a Smart-Grid environment. Energy and Buildings, 2015, 96, 272-284.  | 3.1 | 38        |
| 6  | Optimal column subset selection for image classification by genetic algorithms. Annals of Operations Research, 2018, 265, 205-222.  | 2.6 | 37        |
| 7  | Many-threaded implementation of differential evolution for the CUDA platform. , 2011, , .   |     | 31        |
| 8  | Nature-Inspired Meta-Heuristics on Modern GPUs: State of the Art and Brief Survey of Selected Algorithms. International Journal of Parallel Programming, 2014, 42, 681-709.   | 1.1 | 29        |
| 9  | Social and swarm aspects of co-authorship network. Logic Journal of the IGPL, 2012, 20, 634-643.  | 1.3 | 26        |
| 10 | Novel quantum inspired approaches for automatic clustering of gray level images using Particle Swarm Optimization, Spider Monkey Optimization and Ageist Spider Monkey Optimization algorithms. Applied Soft Computing Journal, 2020, 88, 106040. | 4.1 | 24        |
| 11 | Compression of small text files. Advanced Engineering Informatics, 2008, 22, 410-417.   | 4.0 | 22        |
| 12 | Fast decoding algorithms for variable-lengths codes. Information Sciences, 2012, 183, 66-91.  | 4.0 | 20        |
| 13 | Multi-class SVM Based Classification Approach for Tomato Ripeness. Advances in Intelligent Systems and Computing, 2014, , 175-186.  | 0.5 | 19        |
| 14 | Short-term natural gas consumption forecasting from long-term data collection. Energy, 2021, 218, 119430.   | 4.5 | 18        |
| 15 | Genetically Evolved Fuzzy Predictor for Photovoltaic Power Output Estimation. , 2011, , .   |     | 17        |
| 16 | The Evolution of Fuzzy Classifier for Data Mining with Applications. Lecture Notes in Computer Science, 2010, , 349-358.  | 1.0 | 17        |
| 17 | Towards new directions of data mining by evolutionary fuzzy rules and symbolic regression. Computers and Mathematics With Applications, 2013, 66, 190-200.  | 1.4 | 16        |
| 18 | Statistical-based system combination approach to gain advantages over different machine translation systems. Heliyon, 2019, 5, e02504.  | 1.4 | 16        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | SUPERVISED LEARNING OF PHOTOVOLTAIC POWER PLANT OUTPUT PREDICTION MODELS. Neural Network World, 2013, 23, 321-338.  | 0.5 | 16        |
| 20 | Chest X-ray enhancement to interpret pneumonia malformation based on fuzzy soft set and Dempster-Shafer theory of evidence. Applied Soft Computing Journal, 2020, 86, 105889. | 4.1 | 14        |
| 21 | Hash Functions Based on Large Quasigroups. Lecture Notes in Computer Science, 2009, , 521-529.  | 1.0 | 14        |
| 22 | An Analysis of Convolutional Neural Network for Fashion Images Classification (Fashion-MNIST). Advances in Intelligent Systems and Computing, 2020, , 85-95.                  | 0.5 | 13        |
| 23 | Learning the Classification of Traffic Accident Types. , 2012, , .  |     | 12        |
| 24 | A PSO-based document classification algorithm accelerated by the CUDA Platform. , 2012, , .   |     | 12        |
| 25 | Differential evolution for the optimization of low-discrepancy generalized Halton sequences. Swarm and Evolutionary Computation, 2020, 54, 100649.                            | 4.5 | 11        |
| 26 | Non-negative Matrix Factorization on GPU. Communications in Computer and Information Science, 2010, , 21-30.  | 0.4 | 11        |
| 27 | Matrix Factorization Approach for Feature Deduction and Design of Intrusion Detection Systems. , 2008, , .  |     | 10        |
| 28 | On Genetic Algorithms for Boolean Matrix Factorization. , 2008, , .   |     | 10        |
| 29 | Differential evolution for the linear ordering problem implemented on CUDA. , 2011, , .   |     | 10        |
| 30 | Closed trail distance in a biconnected graph. PLoS ONE, 2018, 13, e0202181.   | 1.1 | 10        |
| 31 | Text Similarity Based on Data Compression in Arabic. Lecture Notes in Electrical Engineering, 2014, , 211-220.  | 0.3 | 10        |
| 32 | Searching for quasigroups for hash functions with genetic algorithms. , 2009, , .   |     | 9         |
| 33 | Local representatives in weighted networks. , 2014, , .   |     | 9         |
| 34 | SPAM DETECTION USING DATA COMPRESSION AND SIGNATURES. Cybernetics and Systems, 2013, 44, 533-549.   | 1.6 | 8         |
| 35 | Genetic Algorithm for the Column Subset Selection Problem. , 2014, , .  |     | 8         |
| 36 | Genetic algorithm for sampling from scale-free data and networks. , 2014, , .   |     | 8         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Traditional and self-adaptive differential evolution for the p-median problem. , 2015, , .  |     | 8         |
| 38 | User Profiles Modeling in Information Retrieval Systems. Advanced Information and Knowledge Processing, 2010, , 169-198.  | 0.2 | 8         |
| 39 | WIND ENERGY POTENTIAL ASSESSMENT BASED ON WIND DIRECTION MODELLING AND MACHINE LEARNING. Neural Network World, 2016, 26, 519-538.                               | 0.5 | 8         |
| 40 | On the Implementation of Boolean Matrix Factorization. , 2008, , .  |     | 7         |
| 41 | Modeling Permutations for Genetic Algorithms. , 2009, , .   |     | 7         |
| 42 | Scaling IDS construction based on Non-negative Matrix factorization using GPU computing. , 2010, , .  |     | 7         |
| 43 | A brief survey of advances in Particle Swarm Optimization on Graphic Processing Units. , 2013, , .  |     | 7         |
| 44 | High-Dimensional Text Clustering by Dimensionality Reduction and Improved Density Peak. Wireless Communications and Mobile Computing, 2020, 2020, 1-16.         | 0.8 | 7         |
| 45 | Differential Evolution and Genetic Algorithms for the Linear Ordering Problem. Lecture Notes in Computer Science, 2009, , 139-146.                              | 1.0 | 7         |
| 46 | Differential Evolution for Scheduling Independent Tasks on Heterogeneous Distributed Environments. Advances in Intelligent and Soft Computing, 2010, , 127-134. | 0.2 | 7         |
| 47 | Iris recognition on GPU with the usage of Non-Negative Matrix Factorization. , 2010, , .  |     | 6         |
| 48 | Interleaver optimization by population based metaheuristics. , 2010, , .  |     | 6         |
| 49 | Visualization of Large Graphs Using GPU Computing. , 2013, , .  |     | 6         |
| 50 | Simultaneous Prediction of Wind Speed and Direction by Evolutionary Fuzzy Rule Forest. Procedia Computer Science, 2017, 108, 295-304.                           | 1.2 | 6         |
| 51 | Evolutionary Approaches to Linear Ordering Problem. , 2008, , .   |     | 5         |
| 52 | Scheduling Independent Tasks on Heterogeneous Distributed Environments by Differential Evolution. , 2009, , .   |     | 5         |
| 53 | Optimizing alphabet using genetic algorithms. , 2011, , .   |     | 5         |
| 54 | A comparison of many-threaded differential evolution and genetic algorithms on CUDA. , 2011, , .  |     | 5         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 55 | Genetic algorithm for clustering accelerated by the CUDA platform. , 2012, , .  |     | 5         |
| 56 | Artificially evolved soft computing models for photovoltaic power plant output estimation. , 2012, , .  |     | 5         |
| 57 | A brief survey of differential evolution on Graphic Processing Units. , 2013, , .   |     | 5         |
| 58 | Data Parallel densityâ€based genetic clustering on CUDA Architecture. Concurrency Computation Practice and Experience, 2014, 26, 1097-1112.               | 1.4 | 5         |
| 59 | Enhancement of dronogram aid to visual interpretation of target objects via intuitionistic fuzzy hesitant sets. Information Sciences, 2019, 500, 67-86.   | 4.0 | 5         |
| 60 | JPEG steganography with particle swarm optimization accelerated by AVX. Concurrency Computation Practice and Experience, 2020, 32, e5448.                 | 1.4 | 5         |
| 61 | Quantum inspired metaâ€heuristic approaches for automatic clustering of colour images. International Journal of Intelligent Systems, 2021, 36, 4852-4901. | 3.3 | 5         |
| 62 | PATIENT-ADAPTED AND INTER-PATIENT ECG CLASSIFICATION USING NEURAL NETWORK AND GRADIENT BOOSTING. Neural Network World, 2018, 28, 241-254.                 | 0.5 | 5         |
| 63 | Learning Patterns from Data by an Evolutionary-Fuzzy Approach. Advances in Intelligent and Soft Computing, 2011, , 127-135.                               | 0.2 | 5         |
| 64 | Reducing Alphabet Using Genetic Algorithms. Communications in Computer and Information Science, 2011, , 82-92.  | 0.4 | 5         |
| 65 | Solving the single row facility layout problem by differential evolution. , 2020, , .   |     | 5         |
| 66 | Implementing Boolean Matrix Factorization. Lecture Notes in Computer Science, 2008, , 543-552.  | 1.0 | 4         |
| 67 | Detecting Insider Attacks Using Non-negative Matrix Factorization. , 2009, , .  |     | 4         |
| 68 | Towards intrusion detection by information retrieval and genetic programming. , 2010, , .   |     | 4         |
| 69 | Evolving alphabet using genetic algorithms. , 2011, , .   |     | 4         |
| 70 | Searching similar images &#x2014; Vector quantization with S-tree. , 2012, , .  |     | 4         |
| 71 | Spam detection using compression and PSO. , 2012, , .   |     | 4         |
| 72 | Mining multi-class industrial data with evolutionary fuzzy rules. , 2013, , .   |     | 4         |

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|----|--|-----|-----------|
| 73 | Clustering using artificial bee colony on CUDA. , 2014, , .  |     | 4         |
| 74 | Solving the p-median problem by a simple differential evolution. , 2014, , .   |     | 4         |
| 75 | Genetic algorithm for entropy-based feature subset selection. , 2016, , .  |     | 4         |
| 76 | Clustering and Closure Coefficient Based on k-CT Components. IEEE Access, 2020, 8, 101145-101152.  | 2.6 | 4         |
| 77 | Population data mobility retrieval at territory of Czechia in pandemic COVID-19 period. Concurrency Computation Practice and Experience, 2021, 33, e6105.              | 1.4 | 4         |
| 78 | Case Study of Anaerobic Digestion Process Stability Detected by Dissolved Hydrogen Concentration. Processes, 2021, 9, 106.   | 1.3 | 4         |
| 79 | Genetic Algorithms Evolving Quasigroups with Good Pseudorandom Properties. Lecture Notes in Computer Science, 2010, , 472-482.   | 1.0 | 4         |
| 80 | Neural PCA and Maximum Likelihood Hebbian Learning on the GPU. Lecture Notes in Computer Science, 2012, , 132-139.   | 1.0 | 4         |
| 81 | Implicit User Modelling Using Hybrid Meta-Heuristics. , 2008, , .  |     | 3         |
| 82 | Genetic Algorithms Searching for Turbo Code Interleaver and Solving Linear Ordering Problem. , 2008, , .   |     | 3         |
| 83 | Parallel Differential Evolution in Unified Parallel C. , 2013, , .   |     | 3         |
| 84 | Compression-based similarity in EEG signals. , 2013, , .   |     | 3         |
| 85 | Scalable differential evolution for many-core and clusters in Unified Parallel C. , 2013, , .  |     | 3         |
| 86 | Mining traffic accident features by evolutionary fuzzy rules. , 2013, , .  |     | 3         |
| 87 | Many-Threaded Differential Evolution on the GPU. Natural Computing Series, 2013, , 121-147.  | 2.2 | 3         |
| 88 | An Improved Prediction Approach for Progression of Ocular Hypertension to Primary Open Angle Glaucoma. Advances in Intelligent Systems and Computing, 2014, , 405-412. | 0.5 | 3         |
| 89 | Local representativeness in vector data. , 2014, , .   |     | 3         |
| 90 | Computation of Kamada-Kawai Algorithm Using Barzilai-Borwein Method. , 2015, , .   |     | 3         |

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|-----|---|-----|-----------|
| 91  | Evolutionary Feature Subset Selection with Compression-based Entropy Estimation. , 2016, , .  |     | 3         |
| 92  | Colonoscopy contrast-enhanced by intuitionistic fuzzy soft sets for polyp cancer localization. Applied Soft Computing Journal, 2020, 95, 106492.                            | 4.1 | 3         |
| 93  | High-dimensional data classification model based on random projection and Bagging-support vector machine. Concurrency Computation Practice and Experience, 2021, 33, e6095. | 1.4 | 3         |
| 94  | Cliques Are Bricks for k-CT Graphs. Mathematics, 2021, 9, 1160.   | 1.1 | 3         |
| 95  | Preprocessing COVID-19 Radiographic Images by Evolutionary Column Subset Selection. Advances in Intelligent Systems and Computing, 2021, , 425-436.                         | 0.5 | 3         |
| 96  | A Comparison of Differential Evolution and Genetic Algorithms for the Column Subset Selection Problem. Advances in Intelligent Systems and Computing, 2016, , 223-232.      | 0.5 | 3         |
| 97  | Cluster Analysis of Data with Reduced Dimensionality: An Empirical Study. Advances in Intelligent Systems and Computing, 2016, , 121-132.                                   | 0.5 | 3         |
| 98  | Evolving Fuzzy Classifier for Data Mining - an Information Retrieval Approach. Advances in Intelligent and Soft Computing, 2010, , 25-32.                                   | 0.2 | 3         |
| 99  | Improving Evolved Alphabet Using Tabu Set. Lecture Notes in Computer Science, 2012, , 655-666.  | 1.0 | 3         |
| 100 | Utilizing Text Similarity Measurement for Data Compression to Detect Plagiarism in Czech. Advances in Intelligent Systems and Computing, 2015, , 163-172.                   | 0.5 | 3         |
| 101 | CAPTCHA Recognition Based on Kohonen Maps. Advances in Intelligent Systems and Computing, 2020, , 296-305.  | 0.5 | 3         |
| 102 | 5. Quantum inspired automatic clustering algorithms: A comparative study of Genetic algorithm and Bat algorithm. , 2020, , 89-114.  |     | 3         |
| 103 | Text Classification Based on Topic Modeling and Chi-square. Advances in Intelligent Systems and Computing, 2020, , 513-520.   | 0.5 | 3         |
| 104 | Using clustering to improve WLZ77 compression. , 2008, , .  |     | 2         |
| 105 | Evolving feasible linear ordering problem solutions. , 2008, , .  |     | 2         |
| 106 | Large data real-time classification with Non-negative Matrix Factorization and Self-Organizing Maps on GPU. , 2010, , .   |     | 2         |
| 107 | Fast intrusion detection system based on Flexible Neural Tree. , 2010, , .  |     | 2         |
| 108 | Genetic search for quasigroups with heterogeneous power sequences. , 2011, , .  |     | 2         |

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|-----|--|-----|-----------|
| 109 | Evolutionary prediction of photovoltaic power plant energy production. , 2012, , .   |     | 2         |
| 110 | An ACO inspired weighting approach for the spectral partitioning of co-authorship networks. , 2012, , .  |     | 2         |
| 111 | Independent Task Scheduling by Artificial Immune Systems, Differential Evolution, and Genetic Algorithms. , 2012, , .  |     | 2         |
| 112 | Prediction of Multi-class Industrial Data. , 2013, , .   |     | 2         |
| 113 | Implementing Artificial Immune Systems for the Linear Ordering Problem. Advances in Intelligent Systems and Computing, 2013, , 53-62.                          | 0.5 | 2         |
| 114 | Automatic Power System Identification Using Genetic Algorithms. , 2014, , .  |     | 2         |
| 115 | Network measures and evaluation of traveling salesman instance hardness. , 2017, , .   |     | 2         |
| 116 | An acceleration of quasigroup operations by residue arithmetic. Concurrency Computation Practice and Experience, 2018, 30, e4239.                              | 1.4 | 2         |
| 117 | Space-Filling Curves based on Residue Number System. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 53-61.                         | 0.5 | 2         |
| 118 | Random Key Self-Organizing Migrating Algorithm for Permutation Problems. , 2019, , .   |     | 2         |
| 119 | A Robust Deep Model for Human Action Recognition in Restricted Video Sequences. , 2020, , .  |     | 2         |
| 120 | Behaviour associated with the presence of a school sports ground: Visual information for policy makers. Children and Youth Services Review, 2021, 128, 106150. | 1.0 | 2         |
| 121 | Classification of EEG Signals Using Vector Quantization. Lecture Notes in Computer Science, 2014, , 107-118.   | 1.0 | 2         |
| 122 | Segmentation of CAPTCHA Using Corner Detection and Clustering. Advances in Intelligent Systems and Computing, 2020, , 655-666.                                 | 0.5 | 2         |
| 123 | Implicit User Modelling for Query Optimization. , 2007, , .  |     | 1         |
| 124 | Implicit User Modelling for Web Search Improvement. , 2007, , .  |     | 1         |
| 125 | Investigating Query Similarity Measures for Collaborative Web Search. , 2008, , .  |     | 1         |
| 126 | Floreon+ system: Web applications with 3D visualization support. , 2009, , .   |     | 1         |



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|-----|---|-----|-----------|
| 127 | Optimization of Turbo Codes by Differential Evolution and Genetic Algorithms. , 2009, , .   |     | 1         |
| 128 | Evolutionary improvement of search queries and its parameters. , 2010, , .  |     | 1         |
| 129 | Practical results of artificial immune Systems for combinatorial optimization problems. , 2012, , .   |     | 1         |
| 130 | Searching for optimal alphabet for data compression using simulated annealing. , 2012, , .  |     | 1         |
| 131 | Improving Compression Using Words. , 2012, , .  |     | 1         |
| 132 | Entropy Reduction Using Context Transformations. , 2014, , .  |     | 1         |
| 133 | Representativeness in Unweighted Networks Based on Local Dependency. , 2014, , .  |     | 1         |
| 134 | Efficient Area Association Using Space Filling Curves. , 2015, , .  |     | 1         |
| 135 | Rough local transfer function for cardiac disorders detection using heart sounds. Logic Journal of the IGPL, 2015, 23, 506-520.                 | 1.3 | 1         |
| 136 | Three Types of Differential Evolution Applied to the Facility Location Problem. Advances in Intelligent Systems and Computing, 2016, , 487-499. | 0.5 | 1         |
| 137 | System identification acceleration and improvement with genetic programming usage. , 2017, , .  |     | 1         |
| 138 | LZ77 Like Lossy Transformation of Quality Scores. , 2018, , .   |     | 1         |
| 139 | A Disturbance Activation Approach to Collision Avoidance Autonomous Driving. , 2019, , .  |     | 1         |
| 140 | Self-organizing Migrating Algorithm for the Single Row Facility Layout Problem. , 2020, , .   |     | 1         |
| 141 | Evolutionary Weighted Ensemble for EEG Signal Recognition. Advances in Intelligent Systems and Computing, 2014, , 201-210.                      | 0.5 | 1         |
| 142 | New Genetic Algorithm for the p-Median Problem. Advances in Intelligent Systems and Computing, 2014, , 35-44.                                   | 0.5 | 1         |
| 143 | Designing Light Weight Intrusion Detection Systems. , 2009, , 216-229.  |     | 1         |
| 144 | On Spectral Partitioning of Co-authorship Networks. Lecture Notes in Computer Science, 2012, , 302-313.   | 1.0 | 1         |

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|-----|--|-----|-----------|
| 145 | An Intelligent Multi-agent Recommender System. Advances in Intelligent Systems and Computing, 2014, , 201-213.                                 | 0.5 | 1         |
| 146 | Evolutionary Techniques for Image Segmentation. Advances in Intelligent Systems and Computing, 2014, , 291-300.                                | 0.5 | 1         |
| 147 | Evolutionary Algorithms for Fast Parallel Classification. Advances in Intelligent Systems and Computing, 2016, , 659-670.                      | 0.5 | 1         |
| 148 | High-Dimensional Data Clustering Algorithm Based on Stacked-Random Projection. Advances in Intelligent Systems and Computing, 2021, , 391-401. | 0.5 | 1         |
| 149 | Optimization of Generalized Halton Sequences by Differential Evolution. Lecture Notes in Computer Science, 2020, , 370-382.                    | 1.0 | 1         |
| 150 | Automation of cleaning and ensembles for outliers detection in questionnaire data. Expert Systems With Applications, 2022, 206, 117809.        | 4.4 | 1         |
| 151 | Implicit User Modelling for Web Search Improvement. , 2007, , .  |     | 0         |
| 152 | Optimizing Interleaver for Turbo Codes by Genetic Algorithms. , 2007, , .  |     | 0         |
| 153 | Tensor Decomposition for 3D Bars Problem. , 2008, , .  |     | 0         |
| 154 | A study on performance of MOGA and HLCGA for the Linear Ordering Problem. , 2008, , .  |     | 0         |
| 155 | Genetic Algorithms for Better Turbo Codes. , 2008, , .   |     | 0         |
| 156 | Comparing Query Similarity Measures for Collaborative Web Search. , 2008, , .  |     | 0         |
| 157 | On turbo code interleavers optimized by bit error rate evolution and free distance evolution. , 2009, , .                                      |     | 0         |
| 158 | Data mining using NMF and generalized matrix inverse. , 2010, , .  |     | 0         |
| 159 | Search personalization in hyperlinked environments by relevance propagation and ant colony optimization. , 2010, , .                           |     | 0         |
| 160 | Tension prediction by using ANN and SOM in heavy facilities. , 2011, , .   |     | 0         |
| 161 | Heavy facilities tension prediction using Flexible Neural Trees. , 2011, , .   |     | 0         |
| 162 | Towards the analysis of co-authorship networks by iterative spectral partitioning. , 2011, , .   |     | 0         |

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|-----|---|-----|-----------|
| 163 | Tension estimation by fuzzy predictors in heavy facilities. , 2011, , .   |     | 0         |
| 164 | GPU Accelerated Genetic Clustering. Lecture Notes in Computer Science, 2012, , 410-419.   | 1.0 | 0         |
| 165 | Improving block sorting compression using Simulated Annealing. , 2013, , .  |     | 0         |
| 166 | Message from 3PGCIC 2015 Workshops Chairs. , 2015, , .  |     | 0         |
| 167 | Generalized Context Transformations -- Enhanced Entropy Reduction. , 2015, , .  |     | 0         |
| 168 | Message from NBiS 2016 Program Committee Co-Chairs. , 2016, , .   |     | 0         |
| 169 | Three-dimensional graph drawing by Kamada-Kawai method with Barzilai-Borwein method. , 2017, , .  |     | 0         |
| 170 | Prediction and Evaluation of Zero Order Entropy Changes in Grammar-Based Codes. Entropy, 2017, 19, 223.   | 1.1 | 0         |
| 171 | Evaluation of Traveling Salesman Problem Instance Hardness by Clustering. Advances in Intelligent Systems and Computing, 2018, , 379-387.   | 0.5 | 0         |
| 172 | Evaluation of Pseudorandom Number Generators Based on Residue Arithmetic in Differential Evolution. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 336-348. | 0.5 | 0         |
| 173 | Reinforcement Learning inspired Deep Learned Compositional Model for Decision Making in Tracking. , 2018, , .   |     | 0         |
| 174 | Chicago Crime Data Analysis Using PIG in Hadoop. , 2018, , .  |     | 0         |
| 175 | A Fast Trajectory Tracking Control Design for Autonomous Driving. , 2019, , .   |     | 0         |
| 176 | Prediction of Hourly Vehicle Flows by Optimized Evolutionary Fuzzy Rules. Lecture Notes in Electrical Engineering, 2020, , 313-324.   | 0.3 | 0         |
| 177 | Genetic Algorithms for the Use in Combinatorial Problems. Studies in Computational Intelligence, 2009, , 3-22.  | 0.7 | 0         |
| 178 | Fast Dimension Reduction Based on NMF. Lecture Notes in Computer Science, 2010, , 424-433.  | 1.0 | 0         |
| 179 | Using Wavelet and Multi-wavelet Transforms for Web Information Retrieval of Czech Language. Advances in Intelligent and Soft Computing, 2010, , 43-52.                                  | 0.2 | 0         |
| 180 | Document Compression Improvements Based on Data Clustering. , 0, , .  |     | 0         |

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|-----|---|-----|-----------|
| 181 | Automatic Localization and Boundary Detection of Retina in Images Using Basic Image Processing Filters. <i>Advances in Intelligent Systems and Computing</i> , 2013, , 169-182. | 0.5 | 0         |
| 182 | Detecting Defects of Steel Slabs Using Symbolic Regression. <i>Advances in Intelligent Systems and Computing</i> , 2013, , 369-377.   | 0.5 | 0         |
| 183 | Data Mining by Symbolic Fuzzy Classifiers and Genetic Programming. <i>Advances in Intelligent Systems and Computing</i> , 2013, , 273-282.                                      | 0.5 | 0         |
| 184 | Deterministic Data Sampling Based on Neighborhood Analysis. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 47-56.   | 0.5 | 0         |
| 185 | Improvement of Text Compression Using Subset of Words. <i>Advanced Science Letters</i> , 2014, 20, 312-316.   | 0.2 | 0         |
| 186 | GRAPH VISUALISATION BY CONCURRENT DIFFERENTIAL EVOLUTION. <i>Neural Network World</i> , 2015, 25, 369-386.  | 0.5 | 0         |
| 187 | A Comparison between Deep Belief Network and LSTM in Chaotic Time Series Forecasting. , 2021, , .   |     | 0         |
| 188 | Implicit User Modelling for Query Optimization. <i>Database and Expert Systems Applications (DEXA), Proceedings of the International Workshop on</i> , 2007, , .                | 0.0 | 0         |