

# Vaclav Snasel

## List of Publications by Year in descending order

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550  
papers

5,162  
citations

218592

26  
h-index

197736

49  
g-index

593  
all docs

593  
docs citations

593  
times ranked

3882  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metaheuristic design of feedforward neural networks: A review of two decades of research. Engineering Applications of Artificial Intelligence, 2017, 60, 97-116.	4.3	373
2	A Comprehensive Review on NSGA-II for Multi-Objective Combinatorial Optimization Problems. IEEE Access, 2021, 9, 57757-57791.	2.6	211
3	Gannet optimization algorithm : A new metaheuristic algorithm for solving engineering optimization problems. Mathematics and Computers in Simulation, 2022, 202, 343-373.	2.4	107
4	Biometric cattle identification approach based on Weberâ€™s Local Descriptor and AdaBoost classifier. Computers and Electronics in Agriculture, 2016, 122, 55-66.	3.7	103
5	Large-dimensionality small-instance set feature selection: A hybrid bio-inspired heuristic approach. Swarm and Evolutionary Computation, 2018, 42, 29-42.	4.5	102
6	Multi-Objective Gray-Wolf Optimization for Attribute Reduction. Procedia Computer Science, 2015, 65, 623-632.	1.2	95
7	Retinal Blood Vessel Segmentation Approach Based on Mathematical Morphology. Procedia Computer Science, 2015, 65, 612-622.	1.2	88
8	Consumers' Acceptance and Use of Information and Communications Technology: A UTAUT and Flow Based Theoretical Model. Journal of Technology Management and Innovation, 2013, 8, 9-10.	0.5	86
9	Heuristic design of fuzzy inference systems: A review of three decades of research. Engineering Applications of Artificial Intelligence, 2019, 85, 845-864.	4.3	71
10	Swarm scheduling approaches for work-flow applications with security constraints in distributed data-intensive computing environments. Information Sciences, 2012, 192, 228-243.	4.0	68
11	Medical Image Retrieval Using Vector Quantization and Fuzzy S-tree. Journal of Medical Systems, 2017, 41, 18.	2.2	68
12	Comparison of Heuristics for Scheduling Independent Tasks on Heterogeneous Distributed Environments. , 2009, , .		67
13	An energy-aware routing protocol for wireless sensor network based on genetic algorithm. Telecommunication Systems, 2018, 67, 451-463.	1.6	63
14	Dynamic Arithmetic Optimization Algorithm for Truss Optimization Under Natural Frequency Constraints. IEEE Access, 2022, 10, 16188-16208.	2.6	61
15	Blockchain technology in food supply chains: Review and bibliometric analysis. Technology in Society, 2022, 69, 101954.	4.8	57
16	A Novel Particle Swarm Optimization Approach for Grid Job Scheduling. Communications in Computer and Information Science, 2009, , 100-109.	0.4	50
17	Fuzzy classification by evolutionary algorithms. , 2011, , .		49
18	A modified Invasive Weed Optimization algorithm for time-modulated linear antenna array synthesis. , 2010, , .		47

#	ARTICLE	IF	CITATIONS
19	A Balanced Power Consumption Algorithm Based on Enhanced Parallel Cat Swarm Optimization for Wireless Sensor Network. International Journal of Distributed Sensor Networks, 2015, 11, 729680.	1.3	44
20	Fuzzy clustering using hybrid fuzzy c-means and fuzzy particle swarm optimization. , 2009, , .		43
21	Recent trends in intelligent data analysis. Neurocomputing, 2014, 126, 1-2.	3.5	43
22	The Power Quality Forecasting Model for Off-Grid System Supported by Multiobjective Optimization. IEEE Transactions on Industrial Electronics, 2017, 64, 9507-9516.	5.2	41
23	Detection of Breast Abnormalities of Thermograms based on a New Segmentation Method. , 0, , .		40
24	Data Mining and Fusion Techniques for WSNs as a Source of the Big Data. Procedia Computer Science, 2015, 65, 778-786.	1.2	39
25	Thermogram breast cancer prediction approach based on Neutrosophic sets and fuzzy c-means algorithm. , 2015, 2015, 4254-7.		39
26	Geometrical and topological approaches to Big Data. Future Generation Computer Systems, 2017, 67, 286-296.	4.9	39
27	Weighted pseudo almost-periodic solutions of shunting inhibitory cellular neural networks with mixed delays. Acta Mathematica Scientia, 2016, 36, 1662-1682.	0.5	37
28	Optimal column subset selection for image classification by genetic algorithms. Annals of Operations Research, 2018, 265, 205-222.	2.6	37
29	Short-term power load forecasting with ordinary differential equation substitutions of polynomial networks. Electric Power Systems Research, 2016, 137, 113-123.	2.1	35
30	Nearest Neighbours Search Using the PM-Tree. Lecture Notes in Computer Science, 2005, , 803-815.	1.0	34
31	The Coulomb-oscillator relation on n-dimensional spheres and hyperboloids. Physics of Atomic Nuclei, 2002, 65, 1086-1094.	0.1	33
32	Serum protein pattern associated with organ damage and lupus nephritis in systemic lupus erythematosus revealed by PEA immunoassay. Clinical Proteomics, 2017, 14, 32.	1.1	33
33	Neural Networks for Emotion Recognition Based on Eye Tracking Data. , 2015, , .		32
34	Survey: Using Genetic Algorithm Approach in Intrusion Detection Systems Techniques. , 2008, , .		31
35	Many-threaded implementation of differential evolution for the CUDA platform. , 2011, , .		31
36	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

#	ARTICLE	IF	CITATIONS
37	Metaheuristic Based Scheduling Meta-Tasks in Distributed Heterogeneous Computing Systems. Sensors, 2009, 9, 5339-5350.	2.1	27
38	SFCM: A Fuzzy Clustering Algorithm of Extracting the Shape Information of Data. IEEE Transactions on Fuzzy Systems, 2021, 29, 75-89.	6.5	27
39	A Modified Invasive Weed Optimization Algorithm for training of feed-forward Neural Networks. , 2010, , .		26
40	Social and swarm aspects of co-authorship network. Logic Journal of the IGPL, 2012, 20, 634-643.	1.3	26
41	An experimental analysis of the Echo State Network initialization using the Particle Swarm Optimization. , 2014, , .		25
42	Maximum power point tracking and parameter estimation for multiple-photovoltaic arrays based on enhanced pigeon-inspired optimization with Taguchi method. Energy, 2022, 251, 123863.	4.5	25
43	Social Network Reduction Based on Stability. , 2010, , .		24
44	Muzzle-Based Cattle Identification Using Speed up Robust Feature Approach. , 2015, , .		24
45	Ensemble of heterogeneous flexible neural trees using multiobjective genetic programming. Applied Soft Computing Journal, 2017, 52, 909-924.	4.1	24
46	An efficient approach for mining sequential patterns using multiple threads on very large databases. Engineering Applications of Artificial Intelligence, 2018, 74, 242-251.	4.3	24
47	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
48	F-Mapper: A Fuzzy Mapper clustering algorithm. Knowledge-Based Systems, 2020, 189, 105107.	4.0	23
49	Compression of small text files. Advanced Engineering Informatics, 2008, 22, 410-417.	4.0	22
50	Constructing ordinary sum differential equations using polynomial networks. Information Sciences, 2014, 281, 462-477.	4.0	21
51	Design and Implementation of an Improved Datacenter Broker Policy to Improve the QoS of a Cloud. Advances in Intelligent Systems and Computing, 2014, , 281-290.	0.5	21
52	WordNet Ontology Based Model for Web Retrieval. , 0, , .		20
53	Semantic Analysis of Web Pages Using Web Patterns. , 2006, , .		20
54	Preliminary investigation on relations between complex networks and evolutionary algorithms dynamics. , 2010, , .		20

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55	Fast decoding algorithms for variable-lengths codes. Information Sciences, 2012, 183, 66-91.	4.0	20
56	Water Pollution Detection System Based on Fish Gills as a Biomarker. Procedia Computer Science, 2015, 65, 601-611.	1.2	20
57	Towards an Automated Zebrafish-based Toxicity Test Model Using Machine Learning. Procedia Computer Science, 2015, 65, 643-651.	1.2	20
58	Modified Mayfly Algorithm for UAV Path Planning. Drones, 2022, 6, 134.	2.7	20
59	Inhibition of HIV-1 integrase by modified oligonucleotides derived from U5â€™ LTR. FEBS Journal, 2001, 268, 980-986.	0.2	19
60	Linear antenna array synthesis using fitness-adaptive differential evolution algorithm. , 2010, , .		19
61	An efficient method for mining frequent sequential patterns using multi-Core processors. Applied Intelligence, 2017, 46, 703-716.	3.3	19
62	Social Networks Analysis: Tools, Measures and Visualization. , 2012, , 3-23.		19
63	Oblique and rotation double random forest. Neural Networks, 2022, 153, 496-517.	3.3	19
64	Revisiting M-Tree Building Principles. Lecture Notes in Computer Science, 2003, , 148-162.	1.0	18
65	A continuous double auction method for resource allocation in computational grids. , 2009, , .		18
66	Survey of Plagiarism Detection Methods. , 2011, , .		18
67	Plant Identification: Two Dimensional-Based Vs. One Dimensional-Based Feature Extraction Methods. Advances in Intelligent Systems and Computing, 2015, , 375-385.	0.5	18
68	Grey Wolves Optimizer-based localization approach in WSNs. , 2015, , .		18
69	Energy-Aware Sink Node Localization Algorithm for Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 11, 810356.	1.3	18
70	ORTHOPHOTO FEATURE EXTRACTION AND CLUSTERING. Neural Network World, 2012, 22, 103-121.	0.5	18
71	Information Extraction from HTML Product Catalogues: From Source Code and Images to RDF. , 0, , .		17
72	A new range query algorithm for Universal B-trees. Information Systems, 2006, 31, 489-511.	2.4	17

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73	Understanding Social Networks Using Formal Concept Analysis. , 2008, , .		17
74	Genetically Evolved Fuzzy Predictor for Photovoltaic Power Output Estimation. , 2011, , .		17
75	The Evolution of Fuzzy Classifier for Data Mining with Applications. Lecture Notes in Computer Science, 2010, , 349-358.	1.0	17
76	Behavior of the Concept Lattice Reduction to visualizing data after Using Matrix Decompositions. , 2007, , .		16
77	Analyzing Social Networks Using FCA: Complexity Aspects. , 2009, , .		16
78	Map Similarity Testing Using Matrix Decomposition. , 2009, , .		16
79	Forcoa.NET: An interactive tool for exploring the significance of authorship networks in DBLP data. , 2011, , .		16
80	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
81	Multiobjective Programming for Type-2 Hierarchical Fuzzy Inference Trees. IEEE Transactions on Fuzzy Systems, 2018, 26, 915-936.	6.5	16
82	Hierarchical Hexagonal Clustering and Indexing. Symmetry, 2019, 11, 731.	1.1	16
83	Word-Based Compression Methods and Indexing for Text Retrieval Systems. Lecture Notes in Computer Science, 1999, , 76-84.	1.0	16
84	Cloud Computing Environments for Biomedical Data Services. Lecture Notes in Computer Science, 2012, , 336-343.	1.0	16
85	SUPERVISED LEARNING OF PHOTOVOLTAIC POWER PLANT OUTPUT PREDICTION MODELS. Neural Network World, 2013, 23, 321-338.	0.5	16
86	Impact of chaotic dynamics on the performance of metaheuristic optimization algorithms: An experimental analysis. Information Sciences, 2022, 587, 692-719.	4.0	16
87	Implementation of XPath Axes in the Multi-dimensional Approach to Indexing XMLÂData. Lecture Notes in Computer Science, 2004, , 219-229.	1.0	15
88	Pattern recognition and knowledge discovery from road traffic accident data in Ethiopia: Implications for improving road safety. , 2011, , .		15
89	Retinal Vessel Segmentation Based on Flower Pollination Search Algorithm. Advances in Intelligent Systems and Computing, 2014, , 93-100.	0.5	15
90	ACO for continuous function optimization: A performance analysis. , 2014, , .		15

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91	Human Thermal Face Recognition Based on Random Linear Oracle (RLO) Ensembles. , 2015, , .		15
92	<i>n</i>-Gram-Based Text Compression. Computational Intelligence and Neuroscience, 2016, 2016, 1-11.	1.1	15
93	Fast and scalable algorithms for mining subgraphs in a single large graph. Engineering Applications of Artificial Intelligence, 2020, 90, 103539.	4.3	15
94	Computational Intelligence Methods for Data Analysis and Mining of eLearning Activities. Studies in Computational Intelligence, 2010, , 195-224.	0.7	14
95	A novel hybrid ABF-PSO algorithm based tuning of optimal FOPI speed controller for PMSM drive. , 2011, , .		14
96	A new FCA algorithm enabling analyzing of complex and dynamic data sets. Soft Computing, 2014, 18, 683-694.	2.1	14
97	Efficient algorithms for mining colossal patterns in high dimensional databases. Knowledge-Based Systems, 2017, 122, 75-89.	4.0	14
98	An Efficient Parallel Method for Mining Frequent Closed Sequential Patterns. IEEE Access, 2017, 5, 17392-17402.	2.6	14
99	A novel approach based on deep learning techniques and UAVs to yield assessment of paddy fields. , 2017, , .		14
100	Hash Functions Based on Large Quasigroups. Lecture Notes in Computer Science, 2009, , 521-529.	1.0	14
101	A hybrid segmentation approach based on Neutrosophic sets and modified watershed: A case of abdominal CT Liver parenchyma. , 2015, , .		13
102	MODELLING THE PHOTOVOLTAIC OUTPUT POWER USING THE DIFFERENTIAL POLYNOMIAL NETWORK AND EVOLUTIONARY FUZZY RULES. Mathematical Modelling and Analysis, 2017, 22, 78-94.	0.7	13
103	Implementing GP on Optimizing both Boolean and Extended Boolean Queries in IR and Fuzzy IR systems with Respect to the Users Profiles. , 0, , .		12
104	Learning the Classification of Traffic Accident Types. , 2012, , .		12
105	A PSO-based document classification algorithm accelerated by the CUDA Platform. , 2012, , .		12
106	Modeling the Determinants Affecting Consumersâ€™ Acceptance and Use of Information and Communications Technology. International Journal of E-Adoption, 2013, 5, 25-39.	1.0	12
107	Behaviour of pseudo-random and chaotic sources of stochasticity in nature-inspired optimization methods. Soft Computing, 2014, 18, 619-629.	2.1	12
108	On SVD-free latent semantic indexing for image retrieval for application in a hard industrial environment. , 0, , .		11

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109	On Some Properties of the lbest Topology in Particle Swarm Optimization. , 2009, , .		11
110	A Tolerance Rough Set Based Overlapping Clustering for the DBLP Data. , 2010, , .		11
111	PCA-based home videos annotation system. International Journal of Reasoning-based Intelligent Systems, 2011, 3, 71.	0.1	11
112	A Fish Detection Approach Based on BAT Algorithm. Advances in Intelligent Systems and Computing, 2016, , 273-283.	0.5	11
113	Web Pages Reordering and Clustering Based on Web Patterns. , 2008, , 731-742.		11
114	Non-negative Matrix Factorization on GPU. Communications in Computer and Information Science, 2010, , 21-30.	0.4	11
115	Matrix Factorization Approach for Feature Deduction and Design of Intrusion Detection Systems. , 2008, , .		10
116	On Genetic Algorithms for Boolean Matrix Factorization. , 2008, , .		10
117	On maps comparison methods. , 2010, , .		10
118	Ant colony inspired algorithm for adaptive traffic routing. , 2011, , .		10
119	Differential evolution for the linear ordering problem implemented on CUDA. , 2011, , .		10
120	Using SOM in the performance monitoring of the emergency call-taking system. Simulation Modelling Practice and Theory, 2011, 19, 98-109.	2.2	10
121	Towards the Modeling of Atomic and Molecular Clusters Energy by Support Vector Regression. , 2013, , .		10
122	Closed trail distance in a biconnected graph. PLoS ONE, 2018, 13, e0202181.	1.1	10
123	Reduction in Robotic Arm Energy Consumption by Particle Swarm Optimization. Applied Sciences (Switzerland), 2020, 10, 8241.	1.3	10
124	Analysis of Social Networks Extracted from Log Files. , 2010, , 115-146.		10
125	Text Similarity Based on Data Compression in Arabic. Lecture Notes in Electrical Engineering, 2014, , 211-220.	0.3	10
126	Analysis of Relations in eLearning. , 2008, , .		9



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127	Searching for quasigroups for hash functions with genetic algorithms. , 2009, , .		9
128	Normalization Impact on SVD-Based Iris Recognition. , 2009, , .		9
129	New trends on soft computing models in industrial and environmental applications. Neurocomputing, 2013, 109, 1-2.	3.5	9
130	Randomness and Chaos in Genetic Algorithms and Differential Evolution. , 2013, , .		9
131	Automated zebrafish-based toxicity test using Bat optimization and AdaBoost classifier. , 2015, , .		9
132	Utilization of the Discrete Differential Evolution for Optimization in Multidimensional Point Clouds. Computational Intelligence and Neuroscience, 2016, 2016, 1-14.	1.1	9
133	Predictive modeling of die filling of the pharmaceutical granules using the flexible neural tree. Neural Computing and Applications, 2018, 29, 467-481.	3.2	9
134	Design Optimization of Water Distribution Networks through a Novel Differential Evolution. IEEE Access, 2021, 9, 16133-16151.	2.6	9
135	An Application of Process Mining to Invoice Verification Process in SAP. Advances in Intelligent Systems and Computing, 2014, , 61-74.	0.5	9
136	Query Optimization Using Genetic Algorithms. Research Journal of Information Technology, 2010, 2, 139-144.	0.4	9
137	Dimension Reduction Methods for Image Retrieval. , 2006, , .		8
138	On Knowledge Structures Reduction. , 2008, , .		8
139	Convergence analysis of swarm algorithm. , 2009, , .		8
140	Searching Protein 3-D Structures for Optimal Structure Alignment Using Intelligent Algorithms and Data Structures. IEEE Transactions on Information Technology in Biomedicine, 2010, 14, 1378-1386.	3.6	8
141	SPAM DETECTION USING DATA COMPRESSION AND SIGNATURES. Cybernetics and Systems, 2013, 44, 533-549.	1.6	8
142	Genetic Algorithm for the Column Subset Selection Problem. , 2014, , .		8
143	Dimensionality reduction, and function approximation of poly(lactic-co-glycolic acid) micro- and nanoparticle dissolution rate. International Journal of Nanomedicine, 2015, 10, 1119.	3.3	8
144	Traditional and self-adaptive differential evolution for the p-median problem. , 2015, , .		8

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145	Internet of Things: Overview, Sources, Applications and Challenges. Advances in Intelligent Systems and Computing, 2016, , 57-67.	0.5	8
146	Quantum Spider Monkey Optimization (QSMO) Algorithm for Automatic Gray-Scale Image Clustering. , 2018, , .		8
147	User Profiles Modeling in Information Retrieval Systems. Advanced Information and Knowledge Processing, 2010, , 169-198.	0.2	8
148	Human Thermal Face Extraction Based on SuperPixel Technique. Advances in Intelligent Systems and Computing, 2016, , 163-172.	0.5	8
149	Strategy Description for Mobile Embedded Control Systems Exploiting the Multi-agent Technology. Lecture Notes in Computer Science, 2007, , 936-943.	1.0	8
150	Bars Problem Solving - New Neural Network Method and Comparison. Lecture Notes in Computer Science, 2007, , 671-682.	1.0	8
151	KNOWLEDGE DISCOVERY FROM ROAD TRAFFIC ACCIDENT DATA IN ETHIOPIA: DATA QUALITY, ENSEMBLING AND TREND ANALYSIS FOR IMPROVING ROAD SAFETY. Neural Network World, 2012, 22, 215-244.	0.5	8
152	Local dependency in networks. International Journal of Applied Mathematics and Computer Science, 2015, 25, 281-293.	1.5	8
153	Word-based compression methods for large text documents. , 1999, , .		7
154	Efficient Processing of Narrow Range Queries in Multi-dimensional Data Structures. Database Engineering and Application Symposium (IDEAS), Proceedings of the International, 2006, , .	0.0	7
155	On the Implementation of Boolean Matrix Factorization. , 2008, , .		7
156	Modeling Permutations for Genetic Algorithms. , 2009, , .		7
157	Differential evolution using a localized Cauchy mutation operator. , 2010, , .		7
158	Scaling IDS construction based on Non-negative Matrix factorization using GPU computing. , 2010, , .		7
159	User Segmentation Based on Finding Communities with Similar Behavior on the Web Site. , 2010, , .		7
160	A brief survey of advances in Particle Swarm Optimization on Graphic Processing Units. , 2013, , .		7
161	Random Forests Based Classification for Crops Ripeness Stages. Advances in Intelligent Systems and Computing, 2014, , 205-215.	0.5	7
162	Optimization of Rules Selection for Robot Soccer Strategies. International Journal of Advanced Robotic Systems, 2014, 11, 13.	1.3	7

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163	Classification with Extreme Learning Machine on GPU. , 2015, , .		7
164	A Survey on Big Data, Mining: (Tools, Techniques, Applications and Notable Uses). Advances in Intelligent Systems and Computing, 2015, , 109-119.	0.5	7
165	Novel Random Key Encoding Schemes for the Differential Evolution of Permutation Problems. IEEE Transactions on Evolutionary Computation, 2022, 26, 43-57.	7.5	7
166	Solving Stochastic Vehicle Routing Problem with Real Simultaneous Pickup and Delivery Using Differential Evolution. Advances in Intelligent Systems and Computing, 2014, , 187-200.	0.5	7
167	Comparison of Neural Network Boolean Factor Analysis Method with Some Other Dimension Reduction Methods on Bars Problem. Lecture Notes in Computer Science, 2007, , 235-243.	1.0	7
168	Differential Evolution and Genetic Algorithms for the Linear Ordering Problem. Lecture Notes in Computer Science, 2009, , 139-146.	1.0	7
169	Differential Evolution for Scheduling Independent Tasks on Heterogeneous Distributed Environments. Advances in Intelligent and Soft Computing, 2010, , 127-134.	0.2	7
170	On the efficient search of an XML twig query in large DataGuide trees. , 2008, , .		7
171	Robot Soccer - Strategy Description And Game Analysis. , 2010, , .		7
172	On SVD-Free Latent Semantic Indexing for Iris Recognition of Large Databases. , 2007, , 472-486.		7
173	A Method for Closed Frequent Subgraph Mining in a Single Large Graph. IEEE Access, 2021, 9, 165719-165733.	2.6	7
174	Reducing Social Network Dimensions Using Matrix Factorization Methods. , 2009, , .		6
175	Anomaly Detection in Emergency Call Data The First Step to the Intelligent Emergency Call System Management. , 2009, , .		6
176	Prosima: Protein similarity algorithm. , 2009, , .		6
177	Interleaver optimization by population based metaheuristics. , 2010, , .		6
178	Web Site Community Analysis Based on Suffix Tree and Clustering Algorithm. , 2011, , .		6
179	Visual investigation of similarities in Global Terrorism Database by means of synthetic social networks. , 2011, , .		6
180	Web page classification based on Schema.org collection. , 2012, , .		6

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181	Visualization of Large Graphs Using GPU Computing. , 2013, , .		6
182	Initializing reservoirs with exhibitory and inhibitory signals using unsupervised learning techniques. , 2013, , .		6
183	Internet of things communication reference model. , 2014, , .		6
184	A New Hybrid Particle Swarm Optimization with Variable Neighborhood Search for Solving Unconstrained Global Optimization Problems. Advances in Intelligent Systems and Computing, 2014, , 151-160.	0.5	6
185	Efficient visualization of social networks based on modified Sammon <sup>3</sup> s mapping. Swarm and Evolutionary Computation, 2015, 25, 63-71.	4.5	6
186	Dimensionality Reduction Method's Comparison Based on Statistical Dependencies. Procedia Computer Science, 2016, 83, 1025-1031.	1.2	6
187	A Novel Framework Based on Deep Learning and Unmanned Aerial Vehicles to Assess the Quality of Rice Fields. Advances in Intelligent Systems and Computing, 2017, , 84-93.	0.5	6
188	Dual-Frequency Output of Wireless Power Transfer System with Single Inverter Using Improved Differential Evolution Algorithm. Energies, 2020, 13, 2209.	1.6	6
189	Normalization of Vietnamese Tweets on Twitter. Advances in Intelligent Systems and Computing, 2015, , 179-189.	0.5	6
190	Detection of Dead Stained Microscopic Cells Based on Color Intensity and Contrast. Advances in Intelligent Systems and Computing, 2016, , 57-68.	0.5	6
191	Data-Mining Protein Structure by Clustering, Segmentation and Evolutionary Algorithms. Studies in Computational Intelligence, 2009, , 221-248.	0.7	6
192	Weighted Co-authorship Network Based on Forgetting. Communications in Computer and Information Science, 2011, , 72-79.	0.4	6
193	Improving Rule Selection from Robot Soccer Strategy with Substrategies. Lecture Notes in Computer Science, 2014, , 77-88.	1.0	6
194	Analysis and Visualization of Relations in eLearning. Computer Communications and Networks, 2010, , 291-318.	0.8	6
195	Self-Adaptive Spherical Search With a Low-Precision Projection Matrix for Real-World Optimization. IEEE Transactions on Cybernetics, 2023, 53, 4107-4121.	6.2	6
196	The Sequence of Neutrosophic Soft Sets and a Decision-Making Problem in Medical Diagnosis. International Journal of Fuzzy Systems, 2022, 24, 2036-2053.	2.3	6
197	Subgraph mining in a large graph: A review. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2022, 12, .	4.6	6
198	Strategy and Communication in Robotic Soccer Game. Lecture Notes in Computer Science, 2005, , 565-570.	1.0	5

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199	Vector model improvement using suffix trees. , 2007, , .		5
200	Genetic Algorithms for Turbo Code Interleaver Optimization. , 2007, , .		5
201	Relation Analysis in eLearning. , 2008, , .		5
202	Evolutionary Approaches to Linear Ordering Problem. , 2008, , .		5
203	Clustering variables by classical approaches and neural network Boolean factor analysis. , 2008, , .		5
204	Clustering categorical data using a swarm-based method. , 2009, , .		5
205	Large quasigroups in cryptography and their properties testing. , 2009, , .		5
206	Scheduling Independent Tasks on Heterogeneous Distributed Environments by Differential Evolution. , 2009, , .		5
207	Creation of Students' Activities from Learning Management System and their Analysis. , 2009, , .		5
208	On convergence of multi-objective Particle Swarm Optimizers. , 2010, , .		5
209	FCA as a Tool for Inaccuracy Detection in Content-Based Image Analysis. , 2010, , .		5
210	A comparison of many-threaded differential evolution and genetic algorithms on CUDA. , 2011, , .		5
211	Genetic algorithm for clustering accelerated by the CUDA platform. , 2012, , .		5
212	Artificially evolved soft computing models for photovoltaic power plant output estimation. , 2012, , .		5
213	Analysis of strategy in robot soccer game. Neurocomputing, 2013, 109, 66-75.	3.5	5
214	A brief survey of differential evolution on Graphic Processing Units. , 2013, , .		5
215	Can deterministic chaos improve differential evolution for the linear ordering problem?. , 2014, , .		5
216	Data Parallel density-based genetic clustering on CUDA Architecture. Concurrency Computation Practice and Experience, 2014, 26, 1097-1112.	1.4	5

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217	Gaussian Mixture Model Cluster Forest. , 2015, , .		5
218	Named Entity Recognition in Vietnamese Tweets. Lecture Notes in Computer Science, 2015, , 205-215.	1.0	5
219	New fuzzy similarity measures: From intuitionistic to type-2 fuzzy sets. , 2017, , .		5
220	An Energy Balancing Strategy Based on Hilbert Curve and Genetic Algorithm for Wireless Sensor Networks. Wireless Communications and Mobile Computing, 2017, 2017, 1-13.	0.8	5
221	JPEG steganography with particle swarm optimization accelerated by AVX. Concurrency Computation Practice and Experience, 2020, 32, e5448.	1.4	5
222	Intelligent and semantic threshold schemes for security in cloud computing. Concurrency Computation Practice and Experience, 2021, 33, e5247.	1.4	5
223	Quantum inspired meta-heuristic approaches for automatic clustering of colour images. International Journal of Intelligent Systems, 2021, 36, 4852-4901.	3.3	5
224	Binary Factor Analysis with Genetic Algorithms. , 2005, , 1259-1268.		5
225	From Moodle Log File to the Students Network. Advances in Intelligent Systems and Computing, 2014, , 641-650.	0.5	5
226	Retinal Feature-Based Registration Schema. Communications in Computer and Information Science, 2011, , 26-36.	0.4	5
227	Blind Watermark Approach for Map Authentication Using Support Vector Machine. Communications in Computer and Information Science, 2013, , 84-97.	0.4	5
228	Applying Recurrent Fuzzy Neural Network to Predict the Runoff of Srepok River. Lecture Notes in Computer Science, 2014, , 55-66.	1.0	5
229	Web Content Mining Focused on Named Objects. , 2009, , 37-58.		5
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