

Vaclav Snasel

List of Publications by Year in descending order

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550
papers

5,162
citations

218662

26
h-index

197805

49
g-index

593
all docs

593
docs citations

593
times ranked

3882
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Adaptive Spherical Search With a Low-Precision Projection Matrix for Real-World Optimization. IEEE Transactions on Cybernetics, 2023, 53, 4107-4121.	9.5	6
2	Novel Random Key Encoding Schemes for the Differential Evolution of Permutation Problems. IEEE Transactions on Evolutionary Computation, 2022, 26, 43-57.	10.0	7
3	Photo-Voltaic Power Daily Statistical Predictions Using PDE Models of Stepwise Evolved Polynomial Networks with the Sum PDE Partition and L-transform Substitution. Lecture Notes in Networks and Systems, 2022, , 55-65.	0.7	0
4	Impact of chaotic dynamics on the performance of metaheuristic optimization algorithms: An experimental analysis. Information Sciences, 2022, 587, 692-719.	6.9	16
5	Predictive intelligence in evaluation of visual perception thresholds for visual pattern recognition and understanding. Information Processing and Management, 2022, 59, 102865.	8.6	3
6	Dynamic Arithmetic Optimization Algorithm for Truss Optimization Under Natural Frequency Constraints. IEEE Access, 2022, 10, 16188-16208.	4.2	61
7	Information Hiding Based on Two-Level Mechanism and Look-Up Table Approach. Symmetry, 2022, 14, 315.	2.2	2
8	A new approach for operations on neutrosophic soft sets based on the novel norms for constructing topological structures. AIMS Mathematics, 2022, 7, 9603-9626.	1.6	3
9	The Sequence of Neutrosophic Soft Sets and a Decision-Making Problem in Medical Diagnosis. International Journal of Fuzzy Systems, 2022, 24, 2036-2053.	4.0	6
10	Hybrid algorithm optimization for coverage problem in wireless sensor networks. Telecommunication Systems, 2022, 80, 105-121.	2.5	1
11	Multiple Benefit Thresholds Problem in Online Social Networks: An Algorithmic Approach. Mathematics, 2022, 10, 876.	2.2	0
12	Subgraph mining in a large graph: A review. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2022, 12, .	6.8	6
13	Maximum power point tracking and parameter estimation for multiple-photovoltaic arrays based on enhanced pigeon-inspired optimization with Taguchi method. Energy, 2022, 251, 123863.	8.8	25
14	Blockchain technology in food supply chains: Review and bibliometric analysis. Technology in Society, 2022, 69, 101954.	9.4	57
15	Modified Mayfly Algorithm for UAV Path Planning. Drones, 2022, 6, 134.	4.9	20
16	Oblique and rotation double random forest. Neural Networks, 2022, 153, 496-517.	5.9	19
17	Gannet optimization algorithm : A new metaheuristic algorithm for solving engineering optimization problems. Mathematics and Computers in Simulation, 2022, 202, 343-373.	4.4	107
18	Population data mobility retrieval at territory of Czechia in pandemic COVIDâ€‘19 period. Concurrency Computation Practice and Experience, 2021, 33, e6105.	2.2	4

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19	Intelligent and semantic threshold schemes for security in cloud computing. Concurrency Computation Practice and Experience, 2021, 33, e5247.	2.2	5
20	SFCM: A Fuzzy Clustering Algorithm of Extracting the Shape Information of Data. IEEE Transactions on Fuzzy Systems, 2021, 29, 75-89.	9.8	27
21	Design Optimization of Water Distribution Networks through a Novel Differential Evolution. IEEE Access, 2021, 9, 16133-16151.	4.2	9
22	A Comprehensive Review on NSGA-II for Multi-Objective Combinatorial Optimization Problems. IEEE Access, 2021, 9, 57757-57791.	4.2	211
23	Multi-Swarm Optimization for Extracting Multiple-Choice Tests From Question Banks. IEEE Access, 2021, 9, 32131-32148.	4.2	2
24	Towards human-oriented solutions for deep semantic data analysis. Concurrency Computation Practice and Experience, 2021, 33, e6252.	2.2	1
25	Mining colossal patterns with length constraints. Applied Intelligence, 2021, 51, 8629-8640.	5.3	3
26	Cliques Are Bricks for k-CT Graphs. Mathematics, 2021, 9, 1160.	2.2	3
27	Quantum inspired meta-heuristic approaches for automatic clustering of colour images. International Journal of Intelligent Systems, 2021, 36, 4852-4901.	5.7	5
28	Design Consideration of Bidirectional Wireless Power Transfer and Full-Duplex Communication System via a Shared Inductive Channel. Energies, 2021, 14, 4918.	3.1	1
29	Multiple-objective optimization applied in extracting multiple-choice tests. Engineering Applications of Artificial Intelligence, 2021, 105, 104439.	8.1	4
30	Preprocessing COVID-19 Radiographic Images by Evolutionary Column Subset Selection. Advances in Intelligent Systems and Computing, 2021, , 425-436.	0.6	3
31	Wind Power Intra-day Multi-step Predictions Using PDE Sum Models of Polynomial Networks Based on the PDE Conversion and Substitution with the L-Transformation. Advances in Intelligent Systems and Computing, 2021, , 254-265.	0.6	0
32	COVID-19 Contact Tracing and Detection-Based on Blockchain Technology. Informatics, 2021, 8, 72.	3.9	5
33	Fast Hybrid Data Structure for a Large Alphabet K-Mers Indexing for Whole Genome Alignment. IEEE Access, 2021, , 1-1.	4.2	0
34	A Method for Closed Frequent Subgraph Mining in a Single Large Graph. IEEE Access, 2021, 9, 165719-165733.	4.2	7
35	Efficient Algorithm for Multiple Benefit Thresholds Problem in Online Social Networks. , 2021, , .		1
36	F-Mapper: A Fuzzy Mapper clustering algorithm. Knowledge-Based Systems, 2020, 189, 105107.	7.1	23

#	ARTICLE	IF	CITATIONS
37	JPEG steganography with particle swarm optimization accelerated by AVX. Concurrency Computation Practice and Experience, 2020, 32, e5448.	2.2	5
38	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.	7.2	24
39	Clustering and Closure Coefficient Based on k-CT Components. IEEE Access, 2020, 8, 101145-101152.	4.2	4
40	Reduction in Robotic Arm Energy Consumption by Particle Swarm Optimization. Applied Sciences (Switzerland), 2020, 10, 8241.	2.5	10
41	D-Matrix: A Novel Ranking Procedure for Prioritizing Data Items. IEEE Access, 2020, 8, 145843-145861.	4.2	0
42	Dual-Frequency Output of Wireless Power Transfer System with Single Inverter Using Improved Differential Evolution Algorithm. Energies, 2020, 13, 2209.	3.1	6
43	Dual-Frequency Programmed Harmonics Modulation-based Simultaneous Wireless Information and Power Transfer System via a Common Resonance Link. Sustainability, 2020, 12, 4189.	3.2	4
44	Fast and scalable algorithms for mining subgraphs in a single large graph. Engineering Applications of Artificial Intelligence, 2020, 90, 103539.	8.1	15
45	Solving the single row facility layout problem by differential evolution. , 2020, , .		5
46	Optimization of Generalized Halton Sequences by Differential Evolution. Lecture Notes in Computer Science, 2020, , 370-382.	1.3	1
47	Heuristic design of fuzzy inference systems: A review of three decades of research. Engineering Applications of Artificial Intelligence, 2019, 85, 845-864.	8.1	71
48	Hierarchical Hexagonal Clustering and Indexing. Symmetry, 2019, 11, 731.	2.2	16
49	A Hybrid Point Indexing Structure Based on Orthogonal and Hexagonal Grids. , 2019, , .		0
50	Robot Soccer Strategy Reduction by Representatives. Advances in Intelligent Systems and Computing, 2019, , 385-400.	0.6	0
51	Large-dimensionality small-instance set feature selection: A hybrid bio-inspired heuristic approach. Swarm and Evolutionary Computation, 2018, 42, 29-42.	8.1	102
52	Predictive modeling of die filling of the pharmaceutical granules using the flexible neural tree. Neural Computing and Applications, 2018, 29, 467-481.	5.6	9
53	Multiobjective Programming for Type-2 Hierarchical Fuzzy Inference Trees. IEEE Transactions on Fuzzy Systems, 2018, 26, 915-936.	9.8	16
54	Optimal column subset selection for image classification by genetic algorithms. Annals of Operations Research, 2018, 265, 205-222.	4.1	37

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55	An energy-aware routing protocol for wireless sensor network based on genetic algorithm. Telecommunication Systems, 2018, 67, 451-463.	2.5	63
56	An acceleration of quasigroup operations by residue arithmetic. Concurrency Computation Practice and Experience, 2018, 30, e4239.	2.2	2
57	Constraint-Based Method for Mining Colossal Patterns in High Dimensional Databases. Advances in Intelligent Systems and Computing, 2018, , 195-204.	0.6	1
58	Evaluation of Pseudorandom Number Generators Based on Residue Arithmetic in Differential Evolution. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 336-348.	0.7	0
59	Space-Filling Curves based on Residue Number System. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 53-61.	0.7	2
60	Reinforcement Learning inspired Deep Learned Compositional Model for Decision Making in Tracking. , 2018, , .		0
61	Proposal of Effective Orthogonal and Hexagonal Hierarchical Structures for Disc Queries. , 2018, , .		3
62	Quantum Spider Monkey Optimization (QSMO) Algorithm for Automatic Gray-Scale Image Clustering. , 2018, , .		8
63	Closed trail distance in a biconnected graph. PLoS ONE, 2018, 13, e0202181.	2.5	10
64	An efficient approach for mining sequential patterns using multiple threads on very large databases. Engineering Applications of Artificial Intelligence, 2018, 74, 242-251.	8.1	24
65	Intelligent system for power load forecasting in off-grid platform. , 2018, , .		4
66	PATIENT-ADAPTED AND INTER-PATIENT ECG CLASSIFICATION USING NEURAL NETWORK AND GRADIENT BOOSTING. Neural Network World, 2018, 28, 241-254.	0.8	5
67	Improving the Speed and Quality of Extreme Learning Machine by Conjugate Gradient Method. Advances in Intelligent Systems and Computing, 2018, , 128-137.	0.6	0
68	Forecasting a Photovoltaic Power Output with Ordinary Differential Equation Solutions Using the "Aladin" Model. Advances in Intelligent Systems and Computing, 2018, , 28-37.	0.6	0
69	Wind Speed NWP Local Revisions Using a Polynomial Decomposition of the General Partial Differential Equation. Advances in Intelligent Systems and Computing, 2018, , 45-55.	0.6	0
70	Efficient algorithms for mining colossal patterns in high dimensional databases. Knowledge-Based Systems, 2017, 122, 75-89.	7.1	14
71	MODELLING THE PHOTOVOLTAIC OUTPUT POWER USING THE DIFFERENTIAL POLYNOMIAL NETWORK AND EVOLUTIONARY FUZZY RULES. Mathematical Modelling and Analysis, 2017, 22, 78-94.	1.5	13
72	Metaheuristic design of feedforward neural networks: A review of two decades of research. Engineering Applications of Artificial Intelligence, 2017, 60, 97-116.	8.1	373

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73	Fuzzy feature selection based on interval type-2 fuzzy sets. Proceedings of SPIE, 2017, , .	0.8	2
74	The Power Quality Forecasting Model for Off-Grid System Supported by Multiobjective Optimization. IEEE Transactions on Industrial Electronics, 2017, 64, 9507-9516.	7.9	41
75	Medical Image Retrieval Using Vector Quantization and Fuzzy S-tree. Journal of Medical Systems, 2017, 41, 18.	3.6	68
76	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.	0.6	6
77	Towards the Gosper Space Filling Curve Implementation. , 2017, , .		3
78	An Efficient Parallel Method for Mining Frequent Closed Sequential Patterns. IEEE Access, 2017, 5, 17392-17402.	4.2	14
79	New fuzzy similarity measures: From intuitionistic to type-2 fuzzy sets. , 2017, , .		5
80	An efficient method for mining frequent sequential patterns using multi-Core processors. Applied Intelligence, 2017, 46, 703-716.	5.3	19
81	Ensemble of heterogeneous flexible neural trees using multiobjective genetic programming. Applied Soft Computing Journal, 2017, 52, 909-924.	7.2	24
82	Geometrical and topological approaches to Big Data. Future Generation Computer Systems, 2017, 67, 286-296.	7.5	39
83	A novel approach based on deep learning techniques and UAVs to yield assessment of paddy fields. , 2017, , .		14
84	PSO and DE based novel quantum inspired automatic clustering techniques. , 2017, , .		1
85	An Energy Balancing Strategy Based on Hilbert Curve and Genetic Algorithm for Wireless Sensor Networks. Wireless Communications and Mobile Computing, 2017, 2017, 1-13.	1.2	5
86	Serum protein pattern associated with organ damage and lupus nephritis in systemic lupus erythematosus revealed by PEA immunoassay. Clinical Proteomics, 2017, 14, 32.	2.1	33
87	Linguistic Representation by Fuzzy Formal Concept and Interval Type-2 Feature Selection. Advances in Intelligent Systems and Computing, 2017, , 1071-1081.	0.6	1
88	Utilization of the Discrete Differential Evolution for Optimization in Multidimensional Point Clouds. Computational Intelligence and Neuroscience, 2016, 2016, 1-14.	1.7	9
89	<i>n</i> -Gram-Based Text Compression. Computational Intelligence and Neuroscience, 2016, 2016, 1-11.	1.7	15
90	Text normalization for named entity recognition in Vietnamese tweets. Computational Social Networks, 2016, 3, 10.	2.1	3

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91	Metaheuristic tuning of type-II fuzzy inference systems for data mining. , 2016, , .		0
92	A proposal of hierarchical vertex clustering based on the Gosper curve. , 2016, , .		2
93	Welcome Message from ESN 2016 Workshop Chairs. , 2016, , .		0
94	Limitations on Low Variance k-Fold Cross Validation in Learning Set of Rules Inducers. , 2016, , .		3
95	A syllable-based method for Vietnamese text compression. , 2016, , .		0
96	Dimensionality Reduction Method's Comparison Based on Statistical Dependencies. Procedia Computer Science, 2016, 83, 1025-1031.	2.0	6
97	Feature Selection Using a Genetic Algorithm for Solar Power Prediction. Advances in Intelligent Systems and Computing, 2016, , 409-419.	0.6	0
98	SPECIAL ISSUE SOCO13-JAL. Journal of Applied Logic, 2016, 17, 1-3.	1.1	0
99	Feature Selection by Principle Component Analysis for Mining Frequent Association Rules. Advances in Intelligent Systems and Computing, 2016, , 99-109.	0.6	3
100	The Hybrid Approaches for Forecasting Real Time Multi-step-ahead Boiler Efficiency. , 2016, , .		0
101	Short-term power load forecasting with ordinary differential equation substitutions of polynomial networks. Electric Power Systems Research, 2016, 137, 113-123.	3.6	35
102	A Type-2 Fuzzy Concepts Lexicalized Representation by Perceptual Reasoning and Linguistic Weighted Average: A Comparative Study. Advances in Intelligent Systems and Computing, 2016, , 77-86.	0.6	1
103	Feature Selection Using Semi Discrete Decomposition and Singular Value Decompositions. Advances in Intelligent Systems and Computing, 2016, , 87-97.	0.6	1
104	The Visualization of Large Graphs Accelerated by the Parallel Nearest Neighbors Algorithm. , 2016, , .		3
105	A substitution of the general partial differential equation with extended polynomial networks. , 2016, , .		0
106	Weighted pseudo almost-periodic solutions of shunting inhibitory cellular neural networks with mixed delays. Acta Mathematica Scientia, 2016, 36, 1662-1682.	1.0	37
107	Improving Node Similarity for Discovering Community Structure in Complex Networks. Lecture Notes in Computer Science, 2016, , 74-85.	1.3	2
108	Welcome Message from the INCoS 2016 Conference Chairs. , 2016, , .		0

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109	Message from NBIS 2016 General Co-Chairs. , 2016, , .		0
110	Three Types of Differential Evolution Applied to the Facility Location Problem. Advances in Intelligent Systems and Computing, 2016, , 487-499.	0.6	1
111	Complex System Modeling with General Differential Equations Solved by Means of Polynomial Networks. Advances in Intelligent Systems and Computing, 2016, , 63-74.	0.6	0
112	Big Data Pre-processing Techniques Within the Wireless Sensors Networks. Advances in Intelligent Systems and Computing, 2016, , 667-677.	0.6	2
113	Biometric cattle identification approach based on Weberâ€™s Local Descriptor and AdaBoost classifier. Computers and Electronics in Agriculture, 2016, 122, 55-66.	7.7	103
114	Internet of Things: Overview, Sources, Applications and Challenges. Advances in Intelligent Systems and Computing, 2016, , 57-67.	0.6	8
115	An Adaptive PSO-Based Sink Node Localization Approach for Wireless Sensor Networks. Advances in Intelligent Systems and Computing, 2016, , 679-688.	0.6	1
116	Application of Bio-inspired Methods Within Cluster Forest Algorithm. Advances in Intelligent Systems and Computing, 2016, , 237-247.	0.6	2
117	Ensemble of Heterogeneous Flexible Neural Tree for the Approximation and Feature-Selection of Poly (Lactic-co-glycolic Acid) Micro- and Nanoparticle. Advances in Intelligent Systems and Computing, 2016, , 155-165.	0.6	4
118	Application of Hexagonal Coordinate Systems for Searching the K-NN in 2D Space. Advances in Intelligent Systems and Computing, 2016, , 209-220.	0.6	4
119	Human Thermal Face Extraction Based on SuperPixel Technique. Advances in Intelligent Systems and Computing, 2016, , 163-172.	0.6	8
120	A Fish Detection Approach Based on BAT Algorithm. Advances in Intelligent Systems and Computing, 2016, , 273-283.	0.6	11
121	Detection of Dead Stained Microscopic Cells Based on Color Intensity and Contrast. Advances in Intelligent Systems and Computing, 2016, , 57-68.	0.6	6
122	Introduction to Integration of the Process Mining to the Knowledge Framework for Software Processes. Advances in Intelligent Systems and Computing, 2016, , 21-31.	0.6	1
123	Semi-automated System for Cup to Disc Measurement for Diagnosing Glaucoma Using Classification Paradigm. Advances in Intelligent Systems and Computing, 2016, , 653-663.	0.6	2
124	Identify Influential Spreaders in Online Social Networks Based on Social Meta Path and PageRank. Lecture Notes in Computer Science, 2016, , 51-61.	1.3	3
125	A Novel Mapreduce Lift Association Rule Mining Algorithm (Mrlar) for Big Data. International Journal of Advanced Computer Science and Applications, 2016, 7, .	0.7	3
126	A Comparative Study of SWAT, RFNN and RFNN-GA for Predicting River Runoff. Indian Journal of Science and Technology, 2016, 9, .	0.7	4

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127	Cattle Identification Using Muzzle Images. Advances in Intelligent Systems and Computing, 2016, , 105-115.	0.6	2
128	Power Load Daily-Similarity and Time-Series Prediction Using the Selective Differential Polynomial Network. Advances in Intelligent Systems and Computing, 2016, , 123-134.	0.6	0
129	Evolutionary Algorithms for Fast Parallel Classification. Advances in Intelligent Systems and Computing, 2016, , 659-670.	0.6	1
130	Big Graph Storage, Processing and Visualization. , 2016, , 409-434.		0
131	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.	2.2	44
132	On Evaluation of Evolutionary Networks Using New Temporal Centralities Algorithm. , 2015, , .		1
133	Identifying Circles of Relations from Smartphone Photo Gallery. Procedia Computer Science, 2015, 65, 582-591.	2.0	2
134	A hybrid segmentation approach based on Neutrosophic sets and modified watershed: A case of abdominal CT Liver parenchyma. , 2015, , .		13
135	Sensitivity analysis of echo state networks for forecasting pseudo-periodic time series. , 2015, , .		2
136	Plant Identification: Two Dimensional-Based Vs. One Dimensional-Based Feature Extraction Methods. Advances in Intelligent Systems and Computing, 2015, , 375-385.	0.6	18
137	Graph Drawing Using Dimension Reduction Methods. Advances in Intelligent Systems and Computing, 2015, , 205-214.	0.6	1
138	Dimensionality reduction, and function approximation of poly(lactic-co-glycolic acid) micro- and nanoparticle dissolution rate. International Journal of Nanomedicine, 2015, 10, 1119.	6.7	8
139	Grey Wolves Optimizer-based localization approach in WSNs. , 2015, , .		18
140	Welcome Message from ESN-2015 Workshop Chair. , 2015, , .		0
141	Analysis of Trends in Authors Publication Activities. , 2015, , .		1
142	Composing and Solving General Differential Equations Using Extended Polynomial Networks. , 2015, , .		1
143	Classification with Extreme Learning Machine on GPU. , 2015, , .		7
144	Gaussian Mixture Model Cluster Forest. , 2015, , .		5

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145	Efficient Area Association Using Space Filling Curves. , 2015, , .		1
146	Muzzle-Based Cattle Identification Using Speed up Robust Feature Approach. , 2015, , .		24
147	Automated zebrafish-based toxicity test using Bat optimization and AdaBoost classifier. , 2015, , .		9
148	Human Thermal Face Recognition Based on Random Linear Oracle (RLO) Ensembles. , 2015, , .		15
149	Recognition of Face Images with Noise Based on Tucker Decomposition. , 2015, , .		3
150	Neural Networks for Emotion Recognition Based on Eye Tracking Data. , 2015, , .		32
151	Multi-Objective Gray-Wolf Optimization for Attribute Reduction. Procedia Computer Science, 2015, 65, 623-632.	2.0	95
152	A Power Consumption Balancing Algorithm Based on Evolved Bat Algorithm for Wireless Sensor Network. Advances in Intelligent Systems and Computing, 2015, , 449-455.	0.6	0
153	A Survey on Big Data, Mining: (Tools, Techniques, Applications and Notable Uses). Advances in Intelligent Systems and Computing, 2015, , 109-119.	0.6	7
154	Special issue HAIS 2012: Recent advancements in hybrid artificial intelligence systems and its application to real-world problems. Neurocomputing, 2015, 163, 1-2.	5.9	0
155	Rough local transfer function for cardiac disorders detection using heart sounds. Logic Journal of the IGPL, 2015, 23, 506-520.	1.5	1
156	Water Pollution Detection System Based on Fish Gills as a Biomarker. Procedia Computer Science, 2015, 65, 601-611.	2.0	20
157	Efficient visualization of social networks based on modified Sammon ³ s mapping. Swarm and Evolutionary Computation, 2015, 25, 63-71.	8.1	6
158	A Data Visualization Approach for Trustworthiness in Social Networks for On-line Learning. , 2015, , .		0
159	Traditional and self-adaptive differential evolution for the p-median problem. , 2015, , .		8
160	Data Mining and Fusion Techniques for WSNs as a Source of the Big Data. Procedia Computer Science, 2015, 65, 778-786.	2.0	39
161	Editorial: Special issue CISIS12-IGPL. Logic Journal of the IGPL, 2015, 23, 1-3.	1.5	0
162	Named Entity Recognition in Vietnamese Tweets. Lecture Notes in Computer Science, 2015, , 205-215.	1.3	5

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163	Retinal Blood Vessel Segmentation Approach Based on Mathematical Morphology. Procedia Computer Science, 2015, 65, 612-622.	2.0	88
164	Towards an Automated Zebrafish-based Toxicity Test Model Using Machine Learning. Procedia Computer Science, 2015, 65, 643-651.	2.0	20
165	An Assistive Object Recognition System for Enhancing Seniors Quality of Life. Procedia Computer Science, 2015, 65, 691-700.	2.0	3
166	Thermogram breast cancer prediction approach based on Neutrosophic sets and fuzzy c-means algorithm. , 2015, 2015, 4254-7.		39
167	Adaptation of Turtle Graphics Method for Visualization of the Process Execution. Advances in Intelligent Systems and Computing, 2015, , 327-334.	0.6	1
168	Normalization of Vietnamese Tweets on Twitter. Advances in Intelligent Systems and Computing, 2015, , 179-189.	0.6	6
169	Region-based Image Fusion Approach of Panchromatic and Multi-spectral Images. Advances in Intelligent Systems and Computing, 2015, , 535-545.	0.6	3
170	Energy-Aware Sink Node Localization Algorithm for Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 11, 810356.	2.2	18
171	Local dependency in networks. International Journal of Applied Mathematics and Computer Science, 2015, 25, 281-293.	1.5	8
172	Multipopulational Metaheuristic Approaches to Real-Parameter Optimization. Advances in Intelligent Systems and Computing, 2015, , 99-108.	0.6	0
173	SOM on Interval Variables for Mobile Emergency Call Positioning. Advances in Intelligent Systems and Computing, 2015, , 165-177.	0.6	0
174	A Hybrid Approach for Predicting River Runoff. Advances in Intelligent Systems and Computing, 2015, , 61-71.	0.6	0
175	GRAPH VISUALISATION BY CONCURRENT DIFFERENTIAL EVOLUTION. Neural Network World, 2015, 25, 369-386.	0.8	0
176	Internet of Things Communication Reference Model and Traffic Engineer System (TES). Advances in Intelligent Systems and Computing, 2015, , 303-313.	0.6	0
177	Utilizing Text Similarity Measurement for Data Compression to Detect Plagiarism in Czech. Advances in Intelligent Systems and Computing, 2015, , 163-172.	0.6	3
178	Classification via Nearest Prototype Classifier Utilizing Artificial Bee Colony on CUDA. Advances in Intelligent Systems and Computing, 2014, , 21-30.	0.6	2
179	Computing Sammon's Projection of Social Networks by Differential Evolution. , 2014, , .		1
180	Retinal Vessel Segmentation Based on Flower Pollination Search Algorithm. Advances in Intelligent Systems and Computing, 2014, , 93-100.	0.6	15

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181	Clustering using artificial bee colony on CUDA. , 2014, , .		4
182	Can deterministic chaos improve differential evolution for the linear ordering problem?. , 2014, , .		5
183	Genetic Algorithm for the Column Subset Selection Problem. , 2014, , .		8
184	Feature selection and ensemble of regression models for predicting the protein macromolecule dissolution profile. , 2014, , .		0
185	Simultaneous optimization of neural network weights and active nodes using metaheuristics. , 2014, , .		4
186	Dimension reduction methods in graph drawing problem. , 2014, , .		3
187	Free-form surface reconstruction from 3D multi-resolution data on spherical space. , 2014, , .		0
188	ACO for continuous function optimization: A performance analysis. , 2014, , .		15
189	Short term power prediction of the photovoltaic power station based on comparison of power profile sequences using F-Score computation. , 2014, , .		2
190	A new FCA algorithm enabling analyzing of complex and dynamic data sets. Soft Computing, 2014, 18, 683-694.	3.6	14
191	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.	1.5	29
192	Brainâ€“Computer Interface Based on Motor Imagery: The Most Relevant Sources of Electrical Brain Activity. Advances in Intelligent Systems and Computing, 2014, , 153-163.	0.6	1
193	Behaviour of pseudo-random and chaotic sources of stochasticity in nature-inspired optimization methods. Soft Computing, 2014, 18, 619-629.	3.6	12
194	Data Parallel densityâ€“based genetic clustering on CUDA Architecture. Concurrency Computation Practice and Experience, 2014, 26, 1097-1112.	2.2	5
195	An experimental analysis of the Echo State Network initialization using the Particle Swarm Optimization. , 2014, , .		25
196	Internet of things communication reference model. , 2014, , .		6
197	Orphan Drug Legislation with Data Fusion Rules Using Multiple Fingerprints Measurements. Advances in Intelligent Systems and Computing, 2014, , 261-270.	0.6	0
198	Dimensionality Reduction and Prediction of the Protein Macromolecule Dissolution Profile. Advances in Intelligent Systems and Computing, 2014, , 301-310.	0.6	0

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199	A novel approach for comparing web sites by using MicroGenres. Engineering Applications of Artificial Intelligence, 2014, 35, 187-198.	8.1	4
200	A Framework of Secured and Bio-Inspired Image Steganography Using Chaotic Encryption with Genetic Algorithm Optimization (CEGAO). Advances in Intelligent Systems and Computing, 2014, , 271-280.	0.6	4
201	Random Forests Based Classification for Crops Ripeness Stages. Advances in Intelligent Systems and Computing, 2014, , 205-215.	0.6	7
202	New BFA method based on attractor neural network and likelihood maximization. Neurocomputing, 2014, 132, 14-29.	5.9	4
203	Recent trends in intelligent data analysis. Neurocomputing, 2014, 126, 1-2.	5.9	43
204	Constructing ordinary sum differential equations using polynomial networks. Information Sciences, 2014, 281, 462-477.	6.9	21
205	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.	0.6	6
206	Optimization of Rules Selection for Robot Soccer Strategies. International Journal of Advanced Robotic Systems, 2014, 11, 13.	2.1	7
207	Automatic Power System Identification Using Genetic Algorithms. , 2014, , .		2
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