Volodymyr Lytvynenko

List of Publications by Year
in descending order

50	271	1306789	1199166
papers	citations	7	12
		h-index	g-index

53	53	53	203
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Computational analysis of microarray gene expression profiles of lung cancer. Biopolymers and Cell, 2016, 32, 70-79.	0.1	26
2	Technology of Gene Expression Profiles Filtering Based on Wavelet Analysis. International Journal of Intelligent Systems and Applications, 2018, 10, 1-7.	0.9	24
3	Inductive model of data clustering based on the agglomerative hierarchical algorithm. , 2016, , .		18
4	Criterial analysis of gene expression sequences to create the objective clustering inductive technology. , 2017, , .		16
5	Implementation of the objective clustering inductive technology based on DBSCAN clustering algorithm. , 2017, , .		15
6	Model of the Objective Clustering Inductive Technology of Gene Expression Profiles Based on SOTA and DBSCAN Clustering Algorithms. Advances in Intelligent Systems and Computing, 2018, , 21-39.	0.5	15
7	Information Technology of Gene Expression Profiles Processing for Purpose of Gene Regulatory Networks Reconstruction. , 2018, , .		15
8	Hybrid Methods of GMDH-Neural Networks Synthesis and Training for Solving Problems of Time Series Forecasting. Advances in Intelligent Systems and Computing, 2020, , 513-531.	0.5	13
9	Combining Clonal Selection Algorithm and Gene Expression Programming for Time Series Prediction. , 2005, , .		11
10	Development, Validation and Testing of the Bayesian Network of Educational Institutions Financing. , 2019, , .		8
11	Objective clustering inductive technology of gene expression profiles based on sota clustering algorithm. Biopolymers and Cell, 2017, 33, 379-392.	0.1	8
12	Application of genetic algorithm for optimization gasoline fractions blending compounding. , 0, , .		7
13	Development of the Dynamic Bayesian Network to Evaluate the National Law Enforcement Agencies' Work. , 2019, , .		5
14	Application of a Combined Approach for Predicting a Peptide-Protein Binding Affinity Using Regulatory Regression Methods with Advance Reduction of Features. , 2019, , .		5
15	Gene expression sequences clustering based on the internal and external clustering quality criteria. , 2017, , .		4
16	Dynamic Bayesian Networks in the Problem of Localizing the Narcotic Substances Distribution. Advances in Intelligent Systems and Computing, 2020, , 421-438.	0.5	4
17	COMBINED CLONAL NEGATIVE SELECTION ALGORITHM FOR DIAGNOSTICS OF COMBUSTION IN INDIVIDUAL PC BURNER. Informatyka Automatyka Pomiary W Gospodarce I Ochronie Åšrodowiska, 2013, 3, 69-73.	0.2	4
18	Using Bayesian Methods for Predicting the Development of Children Autism. , 2019, , .		3

#	Article	IF	Citations
19	The Use of Static Bayesian Networks for Situational Modeling of National Economy Competitiveness. , 2019, , .		3
20	Protein Tertiary Structure Prediction with Hybrid Clonal Selection and Differential Evolution Algorithms. Advances in Intelligent Systems and Computing, 2020, , 673-688.	0.5	3
21	Dynamic Bayesian Networks Application for Evaluating the Investment Projects Effectiveness. Advances in Intelligent Systems and Computing, 2021, , 315-330.	0.5	3
22	Filtration of DNA Nucleotide Gene Expression Profiles in the Systems of Biological Objects Clustering. International Frontier Science Letters, 0, 8, 1-8.	0.0	3
23	The application of the distributed genetic algorithm to the decision of the packing in containers problem. , 0, , .		2
24	Synthesis and learning of fuzzy neural networks for solving forecasting problems. , 2017, , .		2
25	Development, Validation and Testing of the Bayesian Network to Evaluate the National Law Enforcement Agenciesâ€™ work. , 2019, , .		2
26	About Innovation-Investment Designing of Complex Systems by Inductive Technology of System Information-Analytical Research. , 2019, , .		2
27	Dynamic Bayesian Networks Application for Economy Competitiveness Situational Modelling. Advances in Intelligent Systems and Computing, 2021, , 210-224.	0.5	2
28	Multifractal spectra classification of flame luminosity waveforms. , 2018, , .		2
29	Some Features of the Numerical Deconvolution of Mixed Molecular Spectra. Advances in Intelligent Systems and Computing, 2020, , 20-34.	0.5	2
30	METHODOLOGICAL ASPECTS OF AERONAUTICAL SYSTEM UPGRADE. Aviation, 2010, 14, 104-111.	0.7	1
31	Evaluation of testing assignment for system level self-diagnosis. , 2016, , .		1
32	The Use of Inductive Methods for Determination of the Binding Affinity of Interacting Biological Molecules. , 2018, , .		1
33	Self-Diagnosis of the Systems with Intermittently Faulty Units. , 2018, , .		1
34	Diagnosis of Intermittently Faulty Units at System Level. Data, 2019, 4, 44.	1.2	1
35	The use of Bayesian methods in the task of localizing the narcotic substances distribution. , 2019, , .		1
36	Using Bayesian Networks to Estimate the Effectiveness of Innovative Projects. Lecture Notes on Data Engineering and Communications Technologies, 2022, , 729-743.	0.5	1

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37	PROJECT MANAGEMENT OF AERONAUTICAL SYSTEM UPGRADE IN UNCERTAIN CONDITIONS / AERONAUTIKOS SISTEMÅ² ATNAUJINIMO PROJEKTÅ² VALDYMAS NEPASTOVIOMIS SÄ„LYGOMIS. Aviation, 2011, 15, 69-75.	0.7	0
38	Modified co-operative immune algorithm for solving classification problems. Proceedings of SPIE, 2013, , .	0.8	0
39	Credibility of System Self-Checking When Tests are Performed Randomly. , 2018, , .		0
40	Analysis of the Effectiveness of an Investment Project Using Statistical Bayesian Networks. , 2020, , .		0
41	Predicting the Protein Tertiary Structure by Hybrid Clonal Selection Algorithms on 3D Square Lattice. , 2020, , .		0
42	Comparative Analysis of Inductive Density Clustering Algorithms Meanshift and DBSCAN. Advances in Intelligent Systems and Computing, 2021, , 232-242.	0.5	0
43	Streaming Algorithm to the Decomposition of a Polyatomic Molecules Mass Spectra on the Polychlorinated Biphenyls Molecule Example. Lecture Notes on Data Engineering and Communications Technologies, 2022, , 39-53.	0.5	0
44	Prediction of Native Protein Conformation by a Hybrid Algorithm of Clonal Selection and Differential Evolution. Lecture Notes on Data Engineering and Communications Technologies, 2022, , 314-330.	0.5	0
45	Artificial Immune Systems as Means for Inductive Construction of Optimum Models for Complex Objects. Journal of Automation and Information Sciences, 2008, 40, 41-59.	0.7	0
46	Preprocessing optical spectra superposition for further decomposition. , 2019, , .		0
47	Detection of hidden parameters the classification of trends in the analysis of multifractal spectra. , 2019, , .		0
48	Expansion of the Capabilities of Chromatography-Mass Spectrometry Due to the Numerical Decomposition of the Signal with the Mutual Superposition of Mass Spectra. Communications in Computer and Information Science, 2020, , 218-237.	0.4	0
49	Application of Inductive Bayesian Hierarchical Clustering Algorithm to Identify Brain Tumors. Advances in Intelligent Systems and Computing, 2021, , 567-584.	0.5	0
50	USING BAYESIAN METHODS IN THE TASK OF MODELING THE PATIENTS' PHARMACORESISTANCE DEVELOPMENT. Informatyka Automatyka Pomiary W Gospodarce I Ochronie Åšrodowiska, 2022, 12, 77-82.	0.2	0