

Anatoliy Gupal

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Determination of Risk Groups for the Covid-19 Underlying Diseases. <i>Cybernetics and Systems Analysis</i> , 2021, 57, 223-227.	0.4	2
2	Risk Group Determination in Case of COVID-19 Infection. <i>Lecture Notes in Computer Science</i> , 2021, , 419-430.	1.0	0
3	Analysis of Neurosurgical Pathologies Using Bayesian Recognition Procedures for Indicators of Surface Plasmon Resonance in the Aggregation of Blood Cells. <i>Cybernetics and Systems Analysis</i> , 2020, 56, 550-558.	0.4	4
4	Optimal Noise-Immune Genetic Codes. <i>Cybernetics and Systems Analysis</i> , 2019, 55, 34-39.	0.4	3
5	Bayesian Recognition of Inflammatory Processes in Brain Gliomas. <i>Cybernetics and Systems Analysis</i> , 2017, 53, 366-372.	0.4	5
6	Bayesian Procedures of Hematologic Disease Recognition. <i>Cybernetics and Systems Analysis</i> , 2017, 53, 925-930.	0.4	1
7	Symmetric Code and Genetic Mutations. <i>Cybernetics and Systems Analysis</i> , 2016, 52, 240-246.	0.4	2
8	Predicting Gene Structure with the Use of Mixtures of Probability Distributions. <i>Cybernetics and Systems Analysis</i> , 2015, 51, 361-369.	0.4	1
9	Using Em-Algorithm for Gene Classification. <i>Cybernetics and Systems Analysis</i> , 2015, 51, 41-50.	0.4	4
10	Noise Immunity of Genetic Codes to Point Mutations. <i>Cybernetics and Systems Analysis</i> , 2014, 50, 663-669.	0.4	5
11	Living cell as a universal computer. <i>Cybernetics and Systems Analysis</i> , 2013, 49, 562-568.	0.4	0
12	Using compositions of Markov models to determine functional gene fragments. <i>Cybernetics and Systems Analysis</i> , 2013, 49, 692-698.	0.4	5
13	Noise immunity of genetic codes and optimal codes. <i>Doklady Mathematics</i> , 2013, 88, 754-757.	0.1	0
14	Symmetry rules in DNA. <i>Doklady Mathematics</i> , 2012, 86, 579-581.	0.1	1
15	Modeling of intracellular processes using active charged particles. <i>Cybernetics and Systems Analysis</i> , 2012, 48, 532-538.	0.4	1
16	Recognition of DNA gene fragments using hidden Markov models. <i>Cybernetics and Systems Analysis</i> , 2012, 48, 369-377.	0.4	9
17	Symmetry and properties of recording information in DNA. <i>Doklady Mathematics</i> , 2011, 84, 576-578.	0.1	2
18	Symmetry in encoding genetic information in DNA. <i>Cybernetics and Systems Analysis</i> , 2011, 47, 408-414.	0.4	5

#	ARTICLE	IF	CITATIONS
19	Methods to predict protein spatial structure. <i>Cybernetics and Systems Analysis</i> , 2010, 46, 34-50.	0.4	1
20	Predicting torsion angles in amino acid protein sequences based on a bayesian classification procedure on markov chains. <i>Cybernetics and Systems Analysis</i> , 2010, 46, 684-690.	0.4	3
21	Bayesian approach, theory of empirical risk minimization. Comparative analysis. <i>Cybernetics and Systems Analysis</i> , 2008, 44, 822-831.	0.4	1
22	Predicting protein secondary structure based on Bayesian classification procedures on Markovian chains. <i>Cybernetics and Systems Analysis</i> , 2007, 43, 208-212.	0.4	7
23	Optimal pattern recognition procedures and their application. <i>Cybernetics and Systems Analysis</i> , 2007, 43, 799-809.	0.4	3
24	Design principles for inductive inference procedures. <i>Cybernetics and Systems Analysis</i> , 2006, 42, 505-515.	0.4	2
25	Optimal Pattern Recognition Procedures. Substantiation of Inductive Inference Procedures. <i>Cybernetics and Systems Analysis</i> , 2003, 39, 27-32.	0.4	2
26	Efficiency of the Bayesian Recognition Procedure. <i>Cybernetics and Systems Analysis</i> , 2001, 37, 53-57.	0.4	2
27	Efficiency of the Bayesian Classification Procedure: The Discrete Case. <i>Cybernetics and Systems Analysis</i> , 2001, 37, 461-469.	0.4	1
28	Complexity and undecidability in mathematical theories. <i>Cybernetics and Systems Analysis</i> , 1997, 33, 307-309.	0.4	0
29	Complexity of classification problems. <i>Cybernetics and Systems Analysis</i> , 1996, 32, 519-533.	0.4	8
30	Efficiency of Bayesian classification procedure. <i>Cybernetics and Systems Analysis</i> , 1995, 31, 543-554.	0.4	9
31	Logis: A system for statistical abductive inference using empirical data. <i>Cybernetics and Systems Analysis</i> , 1995, 31, 450-460.	0.4	0
32	Properties of functions satisfying a local Lipschitz condition. <i>Cybernetics and Systems Analysis</i> , 1979, 14, 632-634.	0.0	0
33	An analog of the method of linearization in problems of minimizing nondifferentiable functions. <i>Cybernetics and Systems Analysis</i> , 1978, 14, 64-68.	0.0	2
34	A step-regulation method in stochastic programming methods. <i>Cybernetics and Systems Analysis</i> , 1978, 14, 137-141.	0.0	0
35	Analog of the method of feasible directions in minimization of nondifferentiable functions. <i>Cybernetics and Systems Analysis</i> , 1978, 14, 216-219.	0.0	1
36	A method for the minimization of almost-differentiable functions. <i>Cybernetics and Systems Analysis</i> , 1977, 13, 115-117.	0.0	18

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37	Algorithm for the minimization of discontinuous functions. Cybernetics and Systems Analysis, 1977, 13, 220-223.	0.0	8
38	One stochastic programming problem with constraints of a probabilistic nature. Cybernetics and Systems Analysis, 1976, 10, 1019-1026.	0.0	0
39	Note on differentiation formulas with respect to initial values and parameters for the ?discontinuous solution? of a system of ordinary differential equations. Cybernetics and Systems Analysis, 1975, 9, 711-713.	0.0	0
40	Optimization method under nonstationary conditions. Cybernetics and Systems Analysis, 1975, 10, 529-532.	0.0	2
41	Stochastic analogy of the method of possible directions. Cybernetics and Systems Analysis, 1975, 9, 832-834.	0.0	0
42	A stochastic method of linearization. Cybernetics and Systems Analysis, 1974, 8, 482-484.	0.0	8
43	Stochastic analog of the conjugant-gradient method. Cybernetics and Systems Analysis, 1974, 8, 138-140.	0.0	5