Mikhail Goubko

List of Publications by Year
in descending order

24 papers	153 citations	1477746 6 h-index	1473754 9 g-index
26 all docs	26 docs citations	26 times ranked	87 citing authors

#	Article	IF	Citations
1	Degree-based topological indices: Optimal trees with given number of pendents. Applied Mathematics and Computation, 2014, 240, 387-398.	1.4	13
2	An automated routine for menu structure optimization. , 2010, , .		9
3	Maximizing Wiener index for trees with given vertex weight and degree sequences. Applied Mathematics and Computation, 2018, 316, 102-114.	1.4	9
4	Bayesian Learning of Consumer Preferences for Residential Demand Response. IFAC-PapersOnLine, 2016, 49, 24-29.	0.5	8
5	A novel model to predict infinite dilution solubility coefficients in glassy polymers. Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 228-244.	2.4	8
6	Algorithms to construct suboptimal organization hierarchies. Automation and Remote Control, 2009, 70, 147-162.	0.4	7
7	Gaming Experiments for Analysis of Pricing Mechanisms at Electricity Markets. IFAC-PapersOnLine, 2016, 49, 13-18.	0.5	7
8	Semantic-aware optimization of user interface menus. Automation and Remote Control, 2013, 74, 1399-1411.	0.4	6
9	Active consumer: Optimization problems of power consumption and self-generation. Automation and Remote Control, 2014, 75, 551-562.	0.4	6
10	Improved spectral clustering for multi-objective controlled islanding of power grid. Energy Systems, 2019, 10, 59-94.	1.8	6
11	Structure of the Optimal Organization of a Continuum of Executives. Automation and Remote Control, 2002, 63, 1966-1979.	0.4	5
12	Mathematical model of hierarchical menu structure optimization. Automation and Remote Control, 2012, 73, 1410-1423.	0.4	4
13	Prediction of Solubility Parameters of Light Gases in Glassy Polymers on the Basis of Simulation of a Short Segment of a Polymer Chain. Polymer Science - Series A, 2019, 61, 718-732.	0.4	4
14	Control of Organizational Systems with Network Interaction of Agents. I. A Review of Network Game Theory. Automation and Remote Control, 2004, 65, 1276-1291.	0.4	3
15	Mathematical models of formation of rational organizational hierarchies. Automation and Remote Control, 2008, 69, 1552-1575.	0.4	3
16	Users' preference share as a criterion for hierarchical menu optimization. , 2016, , .		3
17	Optimal hierarchies of control for cost functions presentable as sum of homogenous functions. Automation and Remote Control, 2010, 71, 1913-1926.	0.4	2
18	Advanced Planning of Home Appliances with Consumer's Preference Learning. Communications in Computer and Information Science, 2018, , 249-259.	0.4	2

#	Article	IF	Citations
19	Optimal Organizational Structures for Change Management in Production. Intelligent Systems Reference Library, 2016, , 59-83.	1.0	2
20	Optimal Hierarchies in Firms: a Theoretical Model. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 2962-2967.	0.4	1
21	Lower bound for the cost of connecting tree with given vertex degree sequence. Journal of Complex Networks, 2020, 8, .	1.1	1
22	Control of Organizational Systems with Network Interaction of Agents. II. Stimulation Problems. Automation and Remote Control, 2004, 65, 1470-1485.	0.4	0
23	Lower-bound Estimate for Cost-sensitive Decision Trees*. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 9005-9010.	0.4	0
24	Bilinear matrix equation characterizes Laplacian and distance matrices of weighted trees. Discrete Applied Mathematics, 2021, 305, 1-9.	0.5	0