Yakovlev Sergey

List of Publications by Year
in descending order

25 papers	361 citations	686830 13 h-index	839053 18 g-index
26 all docs	26 docs citations	26 times ranked	56 citing authors

#	Article	IF	Citations
1	Convex Extensions in Combinatorial Optimization and Their Applications. Springer Optimization and Its Applications, 2017, , 567-584.	0.6	31
2	The Method of Artificial Space Dilation in Problems of Optimal Packing of Geometric Objects. Cybernetics and Systems Analysis, 2017, 53, 725-731.	0.4	29
3	Properties of Combinatorial Optimization Problems Over Polyhedral-Spherical Sets. Cybernetics and Systems Analysis, 2018, 54, 99-109.	0.4	28
4	Investigation of Statistical Machine Learning Models for COVID-19 Epidemic Process Simulation: Random Forest, K-Nearest Neighbors, Gradient Boosting. Computation, 2022, 10, 86.	1.0	28
5	Title is missing!. Ukrainian Mathematical Journal, 2001, 53, 1535-1545.	0.1	24
6	Construction of convex continuations for functions defined on a hypersphere. Cybernetics and Systems Analysis, 1998, 34, 176-184.	0.4	20
7	Continuous Representations and Functional Extensions in Combinatorial Optimization. Cybernetics and Systems Analysis, 2016, 52, 921-930.	0.4	20
8	Set coverings and tolerance relations. Cybernetics and Systems Analysis, 2008, 44, 333-340.	0.4	18
9	Group Structures on Quotient Sets in Classification Problems. Cybernetics and Systems Analysis, 2014, 50, 507-518.	0.4	16
10	Bounds on the minimum of convex functions on Euclidean combinatorial sets. Cybernetics and Systems Analysis, 1990, 25, 385-391.	0.0	15
11	Localization of solutions of some problems of nonlinear integer optimization. Cybernetics and Systems Analysis, 1994, 29, 727-734.	0.4	15
12	Point-Set Methods of Clusterization of Standard Information. Cybernetics and Systems Analysis, 2001, 37, 295-307.	0.4	14
13	Optimization on polyhedral-spherical sets: Theory and applications. , 2017, , .		14
14	Funcrional and analytic representations of the total permutation. Eastern-European Journal of Enterprise Technologies, 2016, 1, 27.	0.3	14
15	On a class of problems on covering of a bounded set. Acta Mathematica Hungarica, 1989, 53, 253-262.	0.3	13
16	Quadratic optimization on combinatorial sets in Rn. Cybernetics and Systems Analysis, 1992, 27, 561-567.	0.4	12
17	Continuous Approaches to the Unconstrained Binary Quadratic Problems. , 2016, , 689-700.		10
18	Convex extensions and continuous functional representations in optimization, with their applications. Journal of Coupled Systems and Multiscale Dynamics, 2016, 4, 129-152.	0.2	10

#	Article	IF	Citations
19	Comparative study of linear regression and SIR models of COVID-19 propagation in Ukraine before vaccination. Radioelectronic and Computer Systems, 2021, , 5-18.	0.9	9
20	Euclidean Combinatorial Configurations: Continuous Representations and Convex Extensions. Advances in Intelligent Systems and Computing, 2020, , 65-80.	0.5	8
21	ÐÐ¾Ñ€Ð¼Ð°Ð»Ñ–Ð·Ð°Ñ†Ñ–Ñ•Ñ‚Ð° Ñ€Ð¾Ð·Ð²'ÑÐ·ÑƒÐ²Ð°Ð½Ð½Ñ•Ð·Ð°Ð´Ð°Ñ‡Ñ– Ð¼Ð°ÐºÑÐ¸Ð¼Ð°Ð»ÑŒÐ½Ð¾Ð³Ð¾ Ð¿Ð¾		
22	Configuration Spaces of Geometric Objects with Their Applications in Packing, Layout and Covering Problems. Advances in Intelligent Systems and Computing, 2020, , 122-132.	0.5	3
23	The Expanding Space Method in Sphere Packing Problem. Advances in Intelligent Systems and Computing, 2021, , 151-163.	0.5	3
24	Qualitative analysis of one class of population models with commensal interaction. Cybernetics and Systems Analysis, 2012, 48, 192-199.	0.4	2
25	Information Technology for the Synthesis of Optimal Spatial Configurations with Visualization of the Decision-Making Process. Advances in Intelligent Systems and Computing, 2021, , 25-37.	0.5	0