

# Yakovlev Sergey

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Investigation of Statistical Machine Learning Models for COVID-19 Epidemic Process Simulation: Random Forest, K-Nearest Neighbors, Gradient Boosting. <i>Computation</i> , 2022, 10, 86.	1.0	28
2	Information Technology for the Synthesis of Optimal Spatial Configurations with Visualization of the Decision-Making Process. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 25-37.	0.5	0
3	Comparative study of linear regression and SIR models of COVID-19 propagation in Ukraine before vaccination. <i>Radioelectronic and Computer Systems</i> , 2021, , 5-18.	0.9	9
4	The Expanding Space Method in Sphere Packing Problem. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 151-163.	0.5	3
5	Euclidean Combinatorial Configurations: Continuous Representations and Convex Extensions. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 65-80.	0.5	8
6	Configuration Spaces of Geometric Objects with Their Applications in Packing, Layout and Covering Problems. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 122-132.	0.5	3
7	Properties of Combinatorial Optimization Problems Over Polyhedral-Spherical Sets. <i>Cybernetics and Systems Analysis</i> , 2018, 54, 99-109.	0.4	28
8	The Method of Artificial Space Dilation in Problems of Optimal Packing of Geometric Objects. <i>Cybernetics and Systems Analysis</i> , 2017, 53, 725-731.	0.4	29
9	Optimization on polyhedral-spherical sets: Theory and applications. , 2017, , .		14
10	Convex Extensions in Combinatorial Optimization and Their Applications. <i>Springer Optimization and Its Applications</i> , 2017, , 567-584.	0.6	31
11	Continuous Approaches to the Unconstrained Binary Quadratic Problems. , 2016, , 689-700.		10
12	Continuous Representations and Functional Extensions in Combinatorial Optimization. <i>Cybernetics and Systems Analysis</i> , 2016, 52, 921-930.	0.4	20
13	Convex extensions and continuous functional representations in optimization, with their applications. <i>Journal of Coupled Systems and Multiscale Dynamics</i> , 2016, 4, 129-152.	0.2	10
14	Functional and analytic representations of the total permutation. <i>Eastern-European Journal of Enterprise Technologies</i> , 2016, 1, 27.	0.3	14
15	Group Structures on Quotient Sets in Classification Problems. <i>Cybernetics and Systems Analysis</i> , 2014, 50, 507-518.	0.4	16
16	Qualitative analysis of one class of population models with commensal interaction. <i>Cybernetics and Systems Analysis</i> , 2012, 48, 192-199.	0.4	2
17	Set coverings and tolerance relations. <i>Cybernetics and Systems Analysis</i> , 2008, 44, 333-340.	0.4	18

#	ARTICLE	IF	CITATIONS
19	Title is missing!. Ukrainian Mathematical Journal, 2001, 53, 1535-1545.	0.1	24
20	Point-Set Methods of Clusterization of Standard Information. Cybernetics and Systems Analysis, 2001, 37, 295-307.	0.4	14
21	Construction of convex continuations for functions defined on a hypersphere. Cybernetics and Systems Analysis, 1998, 34, 176-184.	0.4	20
22	Localization of solutions of some problems of nonlinear integer optimization. Cybernetics and Systems Analysis, 1994, 29, 727-734.	0.4	15
23	Quadratic optimization on combinatorial sets in $R^n$ . Cybernetics and Systems Analysis, 1992, 27, 561-567.	0.4	12
24	Bounds on the minimum of convex functions on Euclidean combinatorial sets. Cybernetics and Systems Analysis, 1990, 25, 385-391.	0.0	15
25	On a class of problems on covering of a bounded set. Acta Mathematica Hungarica, 1989, 53, 253-262.	0.3	13