Alexander V Pankratov

List of Publications by Year
in descending order

20	235	1040056	996975
papers	citations	9	15
		h-index	g-index

20	20	20	99
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sparse layout of irregular 3D clusters. Journal of the Operational Research Society, 2023, 74, 351-361.	3.4	5
2	Optimized Filling of a Given Cuboid with Spherical Powders for Additive Manufacturing. Journal of the Operations Research Society of China, 2021, 9, 853-868.	1.4	27
3	Sparsest packing of two-dimensional objects. International Journal of Production Research, 2021, 59, 3900-3915.	7.5	18
4	Sparsest balanced packing of irregular 3D objects in a cylindrical container. European Journal of Operational Research, 2021, 291, 84-100.	5.7	20
5	Modeling Nanocomposites with Ellipsoidal and Conical Inclusions by Optimized Packing. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 201-210.	0.3	1
6	Convex Polygonal Hull for a Pair of Irregular Objects. Cybernetics and Computer Technologies, 2021, , 13-24.	0.1	1
7	Building a model and an algorithm for modeling the movement of people carrying goods when they are evacuated from premises. Eastern-European Journal of Enterprise Technologies, 2021, 3, 43-50.	0.5	1
8	Amplification of Heat Transfer by Shock Waves for Thermal Energy Method. Lecture Notes in Networks and Systems, 2021, , 577-587.	0.7	8
9	Circular Layout in Thermal Deburring. Advances in Intelligent Systems and Computing, 2021, , 111-120.	0.6	8
10	Packing Oblique 3D Objects. Mathematics, 2020, 8, 1130.	2.2	12
11	Balance Layout Problem with the Optimized Distances Between Objects. EAI/Springer Innovations in Communication and Computing, 2020, , 85-93.	1.1	6
12	An Optimized Covering Spheroids by Spheres. Applied Sciences (Switzerland), 2020, 10, 1846.	2.5	10
13	Decomposition Algorithm for Irregular Placement Problems. Advances in Intelligent Systems and Computing, 2020, , 214-221.	0.6	8
14	Cutting Irregular Objects from the Rectangular Metal Sheet. Advances in Intelligent Systems and Computing, 2020, , 150-157.	0.6	16
15	Ð£Ð·Ð°Ð³Ð°Ð»ÑŒÐ½ÐµÐ½Ð° Ð¼Ð°Ñ‚ÐµÐ¼Ð°Ñ‚Ð¸Ñ‡Ð½Ð° Ð¼Ð¾Ð´ÐµÐ»ÑŒ Ð·Ð°Ð´Ð°Ñ‡Ñ– Ð¿Ð¾ÐºÑ€Ð¸Ñ‚Ñ‚Ñ–Ð¾Ð±Ð»Ð°	0.3	
16	Cutting and packing problems for irregular objects with continuous rotations: mathematical modelling and non-linear optimization. Journal of the Operational Research Society, 2016, 67, 786-800.	3.4	41
17	Balance Layout Problems: Mathematical Modeling and Nonlinear Optimization. Springer Optimization and Its Applications, 2016, , 369-400.	0.9	16
18	Layout problems for arc objects in convex domains. Journal of Mechanical Engineering, 2016, 19, 43-60.	0.3	0

#	Article	IF	Citations
19	Construction of optimal wire sensor network for the area of complex shape. Eastern-European Journal of Enterprise Technologies, 2016, 6, 45-53.	0.5	2
20	Optimized Object Packings Using Quasi-Phi-Functions. Springer Optimization and Its Applications, 2015, , 265-293.	0.9	35