Andrey Melnikov

List of Publications by Year
in descending order

17 papers	138 citations	1478505 6 h-index	1199594 12 g-index
17 all docs	17 docs citations	17 times ranked	35 citing authors

#	Article	IF	Citations
1	Approximate algorithms for the competitive facility location problem. Journal of Applied and Industrial Mathematics, 2011, 5, 180-190.	0.4	28
2	Randomized local search for the discrete competitive facility location problem. Automation and Remote Control, 2014, 75, 700-714.	0.8	25
3	Exact method for the capacitated competitive facility location problem. Computers and Operations Research, 2018, 95, 73-82.	4.0	22
4	Computational complexity of the discrete competitive facility location problem. Journal of Applied and Industrial Mathematics, 2014, 8, 557-567.	0.4	14
5	Approximation of the competitive facility location problem with MIPs. Computers and Operations Research, 2019, 104, 139-148.	4.0	13
6	The branch-and-bound algorithm for a competitive facility location problem with the prescribed choice of suppliers. Journal of Applied and Industrial Mathematics, 2014, 8, 177-189.	0.4	11
7	ε-Constraint method for bi-objective competitive facility location problem with uncertain demand scenario. EURO Journal on Computational Optimization, 2020, 8, 33-59.	2.4	6
8	Upper Bound for the Competitive Facility Location Problem with Quantile Criterion. Lecture Notes in Computer Science, 2016, , 373-387.	1.3	4
9	A capacitated competitive facility location problem. Journal of Applied and Industrial Mathematics, 2016, 10, 61-68.	0.4	3
10	An upper bound for the competitive location and capacity choice problem with multiple demand scenarios. Journal of Applied and Industrial Mathematics, 2017, 11, 472-480.	0.4	3
11	Bilevel "Defender"–"Attacker" Model with Multiple Attack Scenarios. Journal of Applied and Industrial Mathematics, 2018, 12, 417-425.	0.4	3
12	Local Search Approach for the Medianoid Problem with Multi-purpose Shopping Trips. Lecture Notes in Computer Science, 2019, , 328-341.	1.3	2
13	Local search with a generalized neighborhood in the optimization problem for pseudo-Boolean functions. Journal of Applied and Industrial Mathematics, 2012, 6, 22-30.	0.4	1
14	Facility Location in Unfair Competition. Lecture Notes in Computer Science, 2016, , 325-335.	1.3	1
15	Local search for load balancing problems for servers with large dimension. Automation and Remote Control, 2017, 78, 412-424.	0.8	1
16	Cut Generation Algorithm for the Discrete Competitive Facility Location Problem. Doklady Mathematics, 2018, 97, 254-257.	0.6	1
17	A Cut Generation Algorithm of Finding an Optimal Solution in a Market Competition. Journal of Applied and Industrial Mathematics, 2019, 13, 194-207.	0.4	0