Adam Kasperski

List of Publications by Year
in descending order

68 papers	957 citations	394421 19 h-index	477307 29 g-index
72 all docs	72 docs citations	72 times ranked	474 citing authors

#	Article	IF	Citations
1	An approximation algorithm for interval data minmax regret combinatorial optimization problems. Information Processing Letters, 2006, 97, 177-180.	0.6	100
2	Minimizing maximal regret in the single machine sequencing problem with maximum lateness criterion. Operations Research Letters, 2005, 33, 431-436.	0.7	62
3	Approximating a two-machine flow shop scheduling under discrete scenario uncertainty. European Journal of Operational Research, 2012, 217, 36-43.	5.7	53
4	Minimizing maximum lateness in a single machine scheduling problem with fuzzy processing times and fuzzy due dates. Engineering Applications of Artificial Intelligence, 2001, 14, 377-386.	8.1	47
5	On two single machine scheduling problems with fuzzy processing times and fuzzy due dates. European Journal of Operational Research, 2003, 147, 281-296.	5.7	43
6	A 2-approximation algorithm for interval data minmax regret sequencing problems with the total flow time criterion. Operations Research Letters, 2008, 36, 343-344.	0.7	42
7	The robust shortest path problem in series–parallel multidigraphs with interval data. Operations Research Letters, 2006, 34, 69-76.	0.7	41
8	Robust Discrete Optimization Under Discrete and Interval Uncertainty: A Survey. Profiles in Operations Research, 2016, , 113-143.	0.4	29
9	On combinatorial optimization problems on matroids with uncertain weights. European Journal of Operational Research, 2007, 177, 851-864.	5.7	27
10	Choosing robust solutions in discrete optimization problems with fuzzy costs. Fuzzy Sets and Systems, 2009, 160, 667-682.	2.7	27
11	Possible and necessary optimality of solutions in the single machine scheduling problem with fuzzy parameters. Fuzzy Sets and Systems, 2004, 142, 359-371.	2.7	26
12	On the approximability of minmax (regret) network optimization problems. Information Processing Letters, 2009, 109, 262-266.	0.6	26
13	On the approximability of robust spanning tree problems. Theoretical Computer Science, 2011, 412, 365-374.	0.9	26
14	Minmax regret approach and optimality evaluation in combinatorial optimization problems with interval and fuzzy weights. European Journal of Operational Research, 2010, 200, 680-687.	5.7	24
15	Approximating the min–max (regret) selecting items problem. Information Processing Letters, 2013, 113, 23-29.	0.6	24
16	The minimum spanning tree problem with fuzzy costs. Fuzzy Optimization and Decision Making, 2008, 7, 105-118.	5.5	22
17	On recoverable and two-stage robust selection problems with budgeted uncertainty. European Journal of Operational Research, 2018, 265, 423-436.	5.7	21
18	A tabu search algorithm for the minmax regret minimum spanning tree problem with interval data. Journal of Heuristics, 2012, 18, 593-625.	1.4	20

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19	On the existence of an FPTAS for minmax regret combinatorial optimization problems with interval data. Operations Research Letters, 2007, 35, 525-532.	0.7	19
20	Combinatorial optimization problems with uncertain costs and the OWA criterion. Theoretical Computer Science, 2015, 565, 102-112.	0.9	18
21	Robust recoverable and two-stage selection problems. Discrete Applied Mathematics, 2017, 233, 52-64.	0.9	17
22	A possibilistic approach to sequencing problems with fuzzy parameters. Fuzzy Sets and Systems, 2005, 150, 77-86.	2.7	16
23	Using Gradual Numbers for Solving Fuzzy-Valued Combinatorial Optimization Problems. Lecture Notes in Computer Science, 2007, , 656-665.	1.3	16
24	The 0-1 knapsack problem with fuzzy data. Fuzzy Optimization and Decision Making, 2007, 6, 163-172.	5.5	14
25	Possibilistic Minmax Regret Sequencing Problems With Fuzzy Parameters. IEEE Transactions on Fuzzy Systems, 2011, 19, 1072-1082.	9.8	14
26	Single machine scheduling problems with uncertain parameters and the OWA criterion. Journal of Scheduling, 2016, 19, 177-190.	1.9	14
27	A randomized algorithm for the min-max selecting items problem with uncertain weights. Annals of Operations Research, 2009, 172, 221-230.	4.1	13
28	The recoverable robust spanning tree problem with interval costs is polynomially solvable. Optimization Letters, 2017, 11, 17-30.	1.6	11
29	Recoverable robust spanning tree problem under interval uncertainty representations. Journal of Combinatorial Optimization, 2017, 34, 554-573.	1.3	10
30	Risk-averse single machine scheduling: complexity and approximation. Journal of Scheduling, 2019, 22, 567-580.	1.9	10
31	Approximability of the robust representatives selection problem. Operations Research Letters, 2015, 43, 16-19.	0.7	9
32	Approximating combinatorial optimization problems with the ordered weighted averaging criterion. European Journal of Operational Research, 2020, 286, 828-838.	5.7	9
33	Some methods for evaluating the optimality of elements in matroids with ill-known weights. Fuzzy Sets and Systems, 2009, 160, 1341-1354.	2.7	8
34	Bottleneck combinatorial optimization problems with uncertain costs and the OWA criterion. Operations Research Letters, 2013, 41, 639-643.	0.7	8
35	SOME GENERAL PROPERTIES OF A FUZZY SINGLE MACHINE SCHEDULING PROBLEM. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2007, 15, 43-56.	1.9	6
36	Complexity of the robust weighted independent set problems on interval graphs. Optimization Letters, 2015, 9, 427-436.	1.6	6

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37	Using the WOWA operator in robust discrete optimization problems. International Journal of Approximate Reasoning, 2016, 68, 54-67.	3.3	6
38	Parallel Machine Scheduling under Uncertainty. Communications in Computer and Information Science, 2012, , 74-83.	0.5	6
39	Computing mean absolute deviation under uncertainty. Applied Soft Computing Journal, 2010, 10, 361-366.	7.2	5
40	Two-stage combinatorial optimization problems under risk. Theoretical Computer Science, 2020, 804, 29-45.	0.9	4
41	Soft robust solutions to possibilistic optimization problems. Fuzzy Sets and Systems, 2021, 422, 130-148.	2.7	4
42	Recoverable Robust Combinatorial Optimization Problems. Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR, 2014, , 147-153.	0.1	4
43	Robust Two-Stage Network Problems. Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR, 2017, , 35-40.	0.1	3
44	Combinatorial two-stage minmax regret problems under interval uncertainty. Annals of Operations Research, 2021, 300, 23-50.	4.1	3
45	Sensitivity analysis in the single-machine scheduling problem with max-min criterion. International Transactions in Operational Research, 2005, 12, 287-298.	2.7	2
46	On Possibilistic Combinatorial Optimization Problems. , 2008, , .		2
47	Possibilistic bottleneck combinatorial optimization problems with ill-known weights. International Journal of Approximate Reasoning, 2011, 52, 1298-1311.	3.3	2
48	A robust approach to a class of uncertain optimization problems with imprecise probabilities. , 2016, , .		2
49	Robust optimization with scenarios using random fuzzy sets. , 2021, , .		2
50	Distributionally Robust Optimization in Possibilistic Setting. , 2021, , .		2
51	Robust Single Machine Scheduling Problem with Weighted Number of Late Jobs Criterion. Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR, 2016, , 279-284.	0.1	2
52	Robust Discrete Optimization Problems with the WOWA Criterion. Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR, 2016, , 271-277.	0.1	2
53	Softening the Robustness of Optimization Problems: A New Budgeted Uncertainty Approach. Communications in Computer and Information Science, 2020, , 187-200.	0.5	2
54	Distributionally robust possibilistic optimization problems. Fuzzy Sets and Systems, 2023, 454, 56-73.	2.7	2

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55	Solving Combinatorial Optimization Problems with Fuzzy Weights. , 2008, , .		1
56	Risk Averse Scheduling with Scenarios. Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR, 2018, , 435-441.	0.1	1
57	A (Soft) Robustness for Possibilistic Optimization Problems. , 2019, , .		1
58	Robust Possibilistic Production Planning Under Budgeted Demand Uncertainty. , 2020, , .		1
59	Robust Possibilistic Optimization with Copula Function. , 2021, , .		1
60	Robust two-stage combinatorial optimization problems under convex second-stage cost uncertainty. Journal of Combinatorial Optimization, 2022, 43, 497-527.	1.3	1
61	Computing Min-Max Regret Solutions in Possibilistic Combinatorial Optimization Problems. Studies in Fuzziness and Soft Computing, 2010, , 287-312.	0.8	1
62	Solving Robust Two-Stage Combinatorial Optimization Problems Under Convex Uncertainty. Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR, 2020, , 423-429.	0.1	1
63	Determining Unfuzzy Nondominated Solutions in Combinatorial Optimization Problems with Fuzzy Costs. , 2007, , .		0
64	Min-max and two-stage possibilistic combinatorial optimization problems. , 2011, , .		0
65	Robust recoverable 0â€"1 optimization problems under polyhedral uncertainty. European Journal of Operational Research, 2019, 278, 136-148.	5.7	0
66	Sequencing Problems with Uncertain Parameters and the OWA Criterion. Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR, 2014, , 223-229.	0.1	0
67	Robust inventory problem with budgeted cumulative demand uncertainty. Optimization Letters, 0, , 1.	1.6	0
68	Solving Robust Production Planning Problem with Interval Budgeted Uncertainty in Cumulative Demands. Vietnam Journal of Computer Science, 0, , 1-12.	1.2	0