Jaroslav Ramik

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4890873/publications.pdf

Version: 2024-02-01

53	1,841	394421	265206
papers	citations	19 h-index	42 g-index

59	59	59	906
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Possibilistic linear programming: a brief review of fuzzy mathematical programming and a comparison with stochastic programming in portfolio selection problem. Fuzzy Sets and Systems, 2000, 111, 3-28.	2.7	648
2	Inequality relation between fuzzy numbers and its use in fuzzy optimization. Fuzzy Sets and Systems, 1985, 16, 123-138.	2.7	331
3	Inconsistency of pair-wise comparison matrix with fuzzy elements based on geometric mean. Fuzzy Sets and Systems, 2010, 161, 1604-1613.	2.7	121
4	Satisficing solutions and duality in interval and fuzzy linear programming. Fuzzy Sets and Systems, 2003, 135, 151-177.	2.7	78
5	Duality in Fuzzy Linear Programming: Some New Concepts and Results. Fuzzy Optimization and Decision Making, 2005, 4, 25-39.	5.5	57
6	Duality in fuzzy linear programming with possibility and necessity relations. Fuzzy Sets and Systems, 2006, 157, 1283-1302.	2.7	51
7	Fuzzy mathematical programming based on some new inequality relations. Fuzzy Sets and Systems, 1996, 81, 77-87.	2.7	37
8	A method for solving fuzzy multicriteria decision problems with dependent criteria. Fuzzy Optimization and Decision Making, 2010, 9, 123-141.	5.5	37
9	Generalized Concavity in Fuzzy Optimization and Decision Analysis. Profiles in Operations Research, 2002, , .	0.4	35
10	A single- and a multi-valued order on fuzzy numbers and its use in linear programming with fuzzy coefficients. Fuzzy Sets and Systems, 1993, 57, 203-208.	2.7	33
11	Fuzzy Mathematical Programming: A Unified Approach Based On Fuzzy Relations. Fuzzy Optimization and Decision Making, 2002, 1, 335-346.	5.5	30
12	Extension principle in fuzzy optimization. Fuzzy Sets and Systems, 1986, 19, 29-35.	2.7	29
13	Fuzzy goals and fuzzy alternatives in goal programming problems. Fuzzy Sets and Systems, 2000, 111, 81-86.	2.7	26
14	Optimal solutions in optimization problem with objective function depending on fuzzy parameters. Fuzzy Sets and Systems, 2007, 158, 1873-1881.	2.7	26
15	Pairwise comparison matrix with fuzzy elements on alo-group. Information Sciences, 2015, 297, 236-253.	6.9	26
16	When is the condition of order preservation met?. European Journal of Operational Research, 2019, 277, 248-254.	5.7	24
17	Oblique fuzzy vectors and their use in possibilistic linear programming. Fuzzy Sets and Systems, 2003, 135, 123-150.	2.7	23
18	Pareto-optimality of compromise decisions. Fuzzy Sets and Systems, 2002, 129, 119-127.	2.7	22

#	Article	IF	Citations
19	Isomorphisms between fuzzy pairwise comparison matrices. Fuzzy Optimization and Decision Making, 2015, 14, 199-209.	5.5	21
20	Canonical fuzzy numbers of dimension two. Fuzzy Sets and Systems, 1993, 54, 167-180.	2.7	19
21	Some new properties of inconsistent pairwise comparisons matrices. International Journal of Approximate Reasoning, 2019, 113, 119-132.	3.3	19
22	Ranking Alternatives by Pairwise Comparisons Matrix and Priority Vector. Scientific Annals of Economics and Business, 2017, 64, 85-95.	1.1	16
23	Pairwise Comparisons Method. Lecture Notes in Economics and Mathematical Systems, 2020, , .	0.3	15
24	Joint canonical fuzzy numbers. Fuzzy Sets and Systems, 1993, 53, 39-47.	2.7	13
25	Intuitionistic fuzzy linear programming and duality: a level sets approach. Fuzzy Optimization and Decision Making, 2016, 15, 457-489.	5.5	13
26	Incomplete Fuzzy Preference Matrix and Its Application to Ranking of Alternatives. International Journal of Intelligent Systems, 2014, 29, 787-806.	5.7	12
27	Microsoft Excel as a Tool for Solving Multicriteria Decision Problems. Procedia Computer Science, 2014, 35, 1455-1463.	2.0	12
28	Decision Making and Optimization. Lecture Notes in Economics and Mathematical Systems, 2015, , .	0.3	12
29	A Numerical Comparison of the Sensitivity of the Geometric Mean Method, Eigenvalue Method, and Bestâ€“Worst Method. Mathematics, 2021, 9, 554.	2.2	11
30	Deriving priority vector from pairwise comparisons matrix with fuzzy elements. Fuzzy Sets and Systems, 2021, 422, 68-82.	2.7	7
31	Aggregation functions and generalized convexity in fuzzy optimization and decision making. Annals of Operations Research, 2012, 195, 261-276.	4.1	6
32	Strong reciprocity and strong consistency in pairwise comparison matrix with fuzzy elements. Fuzzy Optimization and Decision Making, 2018, 17, 337-355.	5.5	6
33	Pairwise Comparison Matrices in Decision-Making. Lecture Notes in Economics and Mathematical Systems, 2020, , 17-65.	0.3	5
34	A Non-controversial Definition of Fuzzy Sets. Lecture Notes in Computer Science, 2004, , 201-207.	1.3	5
35	VAGUELY INTERRELATED COEFFICIENTS IN LP AS A BICRITERIAL OPTIMIZATION PROBLEM. International Journal of General Systems, 1991, 20, 99-114.	2.5	4
36	FDA â€“ Fuzzy Decision Analyzer. , 2018, , .		2

#	Article	IF	Citations
37	Applications in Decision-Making: Analytic Hierarchy Processâ€"AHP Revisited. Lecture Notes in Economics and Mathematical Systems, 2020, , 189-211.	0.3	2
38	MATHEMATICAL THEORY OF VAGUENESS IN CZECHOSLOVAKIA: A HISTORICAL SURVEY AND BIBLIOGRAPHY. International Journal of General Systems, 1991, 20, 5-15.	2.5	1
39	Concepts of generalized concavity based on triangular norms. Journal of Statistics and Management Systems, 2002, 5, 87-106.	0.6	1
40	Strong consistency in pairwise comparisons matrix with fuzzy elements on alo-group. , 2016, , .		1
41	Pairwise Comparison Matrices in Decision Making. Lecture Notes in Economics and Mathematical Systems, 2015, , 29-90.	0.3	1
42	Dynamic System of Rating Alternatives by Agents with Interactions. Smart Innovation, Systems and Technologies, 2016, , 177-185.	0.6	1
43	Pairwise Comparisons Matrices with Fuzzy and Intuitionistic Fuzzy Elements in Decision-Making. Lecture Notes in Economics and Mathematical Systems, 2020, , 125-170.	0.3	1
44	Bankruptcy problem under uncertainty of claims and estate. Fuzzy Sets and Systems, 2022, , .	2.7	1
45	SPECIAL ISSUE ON FUZZY RELATIONS AND FUZZY SYSTEMS. International Journal of General Systems, 2000, 29, 493-494.	2.5	0
46	Fuzzy Linear Programming. , 0, , 689-718.		0
47	Fuzzy Linear Programming and Duality. , 2015, , 131-143.		0
48	Aggregation of Quasiconcave Functions. Advances in Intelligent and Soft Computing, 2010, , 233-244.	0.2	0
49	Incomplete preference matrix with elements from an Alo-group and its application to ranking of alternatives. , 0, , .		0
50	Ranking Alternatives by Pairwise Comparisons Matrix with Fuzzy Elements on Alo-Group. Smart Innovation, Systems and Technologies, 2016, , 371-380.	0.6	0
51	Strict and Strong Consistency in Pairwise Comparisons Matrix with Fuzzy Elements. Smart Innovation, Systems and Technologies, 2018, , 283-292.	0.6	0
52	Pairwise Comparisons Matrices on Alo-Groups in Decision-Making. Lecture Notes in Economics and Mathematical Systems, 2020, , 67-123.	0.3	0
53	Duality in Fuzzy Multiple Objective Linear Programming. , 2006, , 243-250.		0