

Pankaj Gupta

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,607
citations

257450

24
h-index

330143

37
g-index

61
all docs

61
docs citations

61
times ranked

1118
citing authors

#	ARTICLE	IF	CITATIONS
1	Asset portfolio optimization using fuzzy mathematical programming. <i>Information Sciences</i> , 2008, 178, 1734-1755.	6.9	147
2	Intuitionistic fuzzy multi-attribute group decision-making with an application to plant location selection based on a new extended VIKOR method. <i>Information Sciences</i> , 2016, 370-371, 184-203.	6.9	108
3	Multi-attribute group decision making based on extended TOPSIS method under interval-valued intuitionistic fuzzy environment. <i>Applied Soft Computing Journal</i> , 2018, 69, 554-567.	7.2	88
4	A New Possibilistic Programming Approach For Solving Fuzzy Multiobjective Assignment Problem. <i>IEEE Transactions on Fuzzy Systems</i> , 2014, 22, 16-34.	9.8	67
5	An integrated AHP-DEA multi-objective optimization model for sustainable transportation in mining industry. <i>Resources Policy</i> , 2021, 74, 101180.	9.6	59
6	Asset portfolio optimization using support vector machines and real-coded genetic algorithm. <i>Journal of Global Optimization</i> , 2012, 53, 297-315.	1.8	57
7	Multiobjective credibilistic portfolio selection model with fuzzy chance-constraints. <i>Information Sciences</i> , 2013, 229, 1-17.	6.9	57
8	Aggregation of OWA Operators. <i>IEEE Transactions on Fuzzy Systems</i> , 2018, 26, 284-291.	9.8	51
9	Expected value multiobjective portfolio rebalancing model with fuzzy parameters. <i>Insurance: Mathematics and Economics</i> , 2013, 52, 190-203.	1.2	45
10	Fuzzy Chance-Constrained Multiobjective Portfolio Selection Model. <i>IEEE Transactions on Fuzzy Systems</i> , 2014, 22, 653-671.	9.8	44
11	Hybrid optimization models of portfolio selection involving financial and ethical considerations. <i>Knowledge-Based Systems</i> , 2013, 37, 318-337.	7.1	41
12	Fuzzy Portfolio Optimization. <i>Studies in Fuzziness and Soft Computing</i> , 2014, , .	0.8	39
13	A hybrid approach to asset allocation with simultaneous consideration of suitability and optimality. <i>Information Sciences</i> , 2010, 180, 2264-2285.	6.9	38
14	A novel hybrid heuristic algorithm for a new uncertain mean-variance-skewness portfolio selection model with real constraints. <i>Applied Intelligence</i> , 2018, 48, 2996-3018.	5.3	36
15	A New Method for Intuitionistic Fuzzy Multiattribute Decision Making. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2016, 46, 1167-1179.	9.3	34
16	Multiobjective Fuzzy Portfolio Performance Evaluation Using Data Envelopment Analysis Under Credibilistic Framework. <i>IEEE Transactions on Fuzzy Systems</i> , 2020, 28, 2726-2737.	9.8	34
17	A Generalized TOPSIS Method for Intuitionistic Fuzzy Multiple Attribute Group Decision Making Considering Different Scenarios of Attributes Weight Information. <i>International Journal of Fuzzy Systems</i> , 2019, 21, 369-387.	4.0	32
18	Efficiency evaluation of fuzzy portfolio in different risk measures via DEA. <i>Annals of Operations Research</i> , 2018, 269, 103-127.	4.1	31

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19	A polynomial goal programming approach for intuitionistic fuzzy portfolio optimization using entropy and higher moments. <i>Applied Soft Computing Journal</i> , 2019, 85, 105781.	7.2	31
20	A Hybrid Intelligent Approach to Integrated Fuzzy Multiple Depot Capacitated Green Vehicle Routing Problem With Split Delivery and Vehicle Selection. <i>IEEE Transactions on Fuzzy Systems</i> , 2020, 28, 1155-1166.	9.8	31
21	A hybrid approach for constructing suitable and optimal portfolios. <i>Expert Systems With Applications</i> , 2011, 38, 5620-5632.	7.6	30
22	A weighted possibilistic programming approach for sustainable vendor selection and order allocation in fuzzy environment. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 86, 1785-1804.	3.0	29
23	Sustainable transportation planning for a three-stage fixed charge multi-objective transportation problem. <i>Annals of Operations Research</i> , 2019, , 1.	4.1	29
24	Portfolio optimization using higher moments in an uncertain random environment. <i>Information Sciences</i> , 2021, 567, 348-374.	6.9	27
25	Multi-period portfolio optimization using coherent fuzzy numbers in a credibilistic environment. <i>Expert Systems With Applications</i> , 2021, 167, 114135.	7.6	24
26	Double-hierarchy hesitant fuzzy linguistic term set-based decision framework for multi-attribute group decision-making. <i>Soft Computing</i> , 2021, 25, 2665-2685.	3.6	23
27	COTS selection using fuzzy interactive approach. <i>Optimization Letters</i> , 2012, 6, 273-289.	1.6	22
28	Multiobjective expected value model for portfolio selection in fuzzy environment. <i>Optimization Letters</i> , 2013, 7, 1765-1791.	1.6	21
29	A new fuzzy group multi-criteria decision making method with an application to the critical path selection. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 83, 1281-1296.	3.0	21
30	A Credibilistic Fuzzy DEA Approach for Portfolio Efficiency Evaluation and Rebalancing Toward Benchmark Portfolios Using Positive and Negative Returns. <i>International Journal of Fuzzy Systems</i> , 2020, 22, 824-843.	4.0	20
31	Intuitionistic fuzzy optimistic and pessimistic multi-period portfolio optimization models. <i>Soft Computing</i> , 2020, 24, 11931-11956.	3.6	19
32	Multiobjective capacitated green vehicle routing problem with fuzzy time-distances and demands split into bags. <i>International Journal of Production Research</i> , 2022, 60, 2369-2385.	7.5	19
33	CREDIBILITY-BASED FUZZY MATHEMATICAL PROGRAMMING MODEL FOR PORTFOLIO SELECTION UNDER UNCERTAINTY. <i>International Journal of Information Technology and Decision Making</i> , 2014, 13, 101-135.	3.9	18
34	A MEMBERSHIP FUNCTION APPROACH FOR COST-RELIABILITY TRADE-OFF OF COTS SELECTION IN FUZZY ENVIRONMENT. <i>International Journal of Reliability, Quality and Safety Engineering</i> , 2011, 18, 573-595.	0.6	16
35	A fuzzy approach to multicriteria assignment problem using exponential membership functions. <i>International Journal of Machine Learning and Cybernetics</i> , 2013, 4, 647-657.	3.6	16
36	International asset allocation optimization with fuzzy return. <i>Knowledge-Based Systems</i> , 2018, 139, 189-199.	7.1	15

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37	Multiobjective fuzzy vehicle routing using Twitter data: Reimagining the delivery of essential goods. <i>International Journal of Intelligent Systems</i> , 2021, 36, 3566-3595.	5.7	15
38	An MAGDM approach with qâ€rung orthopair trapezoidal fuzzy information for waste disposal site selection problem. <i>International Journal of Intelligent Systems</i> , 2021, 36, 4524-4559.	5.7	14
39	Selection of renewable energy sources: a novel VIKOR approach in an intuitionistic fuzzy linguistic environment. <i>Environment, Development and Sustainability</i> , 2023, 25, 3429-3467.	5.0	14
40	An optimization model for a sustainable and socially beneficial four-stage supply chain. <i>Information Sciences</i> , 2022, 594, 371-399.	6.9	13
41	A multicriteria optimization model of portfolio rebalancing with transaction costs in fuzzy environment. <i>Memetic Computing</i> , 2014, 6, 61-74.	4.0	12
42	A largeâ€scale group decision making method with a consensus reaching process under cognitive linguistic environment. <i>International Transactions in Operational Research</i> , 2023, 30, 1340-1365.	2.7	10
43	Multiobjective portfolio optimization using coherent fuzzy numbers in a credibilistic environment. <i>International Journal of Intelligent Systems</i> , 2021, 36, 1560-1594.	5.7	10
44	Multi-objective optimization framework for software maintenance, component evaluation and selection involving outsourcing, redundancy and customer to customer relationship. <i>Information Sciences</i> , 2019, 483, 21-52.	6.9	9
45	COTS products selection using fuzzy chance-constrained multiobjective programming. <i>Applied Intelligence</i> , 2015, 43, 732-751.	5.3	8
46	Recent advances in optimization theory and applications (RAOTA-2016). <i>Annals of Operations Research</i> , 2018, 269, 1-2.	4.1	7
47	Multiperiod Portfolio Performance Evaluation Model Based on Possibility Theory. <i>IEEE Transactions on Fuzzy Systems</i> , 2020, 28, 3391-3405.	9.8	7
48	Socially aware fuzzy vehicle routing problem: A topic modeling based approach for driver well-being. <i>Expert Systems With Applications</i> , 2022, 205, 117655.	7.6	7
49	Fuzzy COTS Selection for Modular Software Systems Based on Cohesion and Coupling under Multiple Applications Environment. <i>International Journal of Applied Evolutionary Computation</i> , 2012, 3, 1-18.	1.0	6
50	Multiobjective credibilistic model for COTS products selection of modular software systems under uncertainty. <i>Applied Intelligence</i> , 2015, 42, 353-368.	5.3	6
51	A New Possibilistic Optimization Model for Multiple Criteria Assignment Problem. <i>IEEE Transactions on Fuzzy Systems</i> , 2018, 26, 1775-1788.	9.8	6
52	A multi-period multi-objective optimization framework for software enhancement and component evaluation, selection and integration. <i>Information Sciences</i> , 2020, 523, 91-110.	6.9	6
53	Data envelopment analysis based multi-objective optimization model for evaluation and selection of software components under optimal redundancy. <i>Annals of Operations Research</i> , 2022, 312, 193-216.	4.1	5
54	A nonlinear programming approach to solve MADM problem with triangular fuzzy preference and non-preference information. <i>Optimization and Engineering</i> , 2021, 22, 1091-1116.	2.4	5

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55	Sentiment Analysis for Driver Selection in Fuzzy Capacitated Vehicle Routing Problem With Simultaneous Pick-Up and Drop in Shared Transportation. IEEE Transactions on Fuzzy Systems, 2021, 29, 1198-1211.	9.8	5
56	Optimization of chance constraint programming with sum-of-fractional objectives “ An application to assembled printed circuit board problem. Applied Mathematical Modelling, 2013, 37, 3564-3574.	4.2	4
57	Interval-valued probabilistic uncertain linguistic information for decision-making: selection of hydrogen production methodology. Soft Computing, 2021, 25, 9121-9138.	3.6	4
58	Special issue on advances in optimization theory and applications on the occasion of the international conference on recent advances in optimization theory and applications “ RAOA 2016. Optimization, 2017, 66, 1739-1740.	1.7	0
59	Multicriteria Credibilistic Portfolio Rebalancing Problem with Fuzzy Chance-Constraint. Advances in Intelligent and Soft Computing, 2012, , 997-1010.	0.2	0
60	An integrated fuzzy-grey relational analysis approach to portfolio optimization. Applied Intelligence, 0, , .	5.3	0