Pankaj Gupta

List of Publications by Year
in descending order

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	A large‐scale group decision making method with a consensus reaching process under cognitive linguistic environment. International Transactions in Operational Research, 2023, 30, 1340-1365.	2.7	10
2	Selection of renewable energy sources: a novel VIKOR approach in an intuitionistic fuzzy linguistic environment. Environment, Development and Sustainability, 2023, 25, 3429-3467.	5.0	14
3	Data envelopment analysis based multi-objective optimization model for evaluation and selection of software components under optimal redundancy. Annals of Operations Research, 2022, 312, 193-216.	4.1	5
4	Multiobjective capacitated green vehicle routing problem with fuzzy time-distances and demands split into bags. International Journal of Production Research, 2022, 60, 2369-2385.	7.5	19
5	An optimization model for a sustainable and socially beneficial four-stage supply chain. Information Sciences, 2022, 594, 371-399.	6.9	13
6	Socially aware fuzzy vehicle routing problem: A topic modeling based approach for driver well-being. Expert Systems With Applications, 2022, 205, 117655.	7.6	7
7	An integrated AHP-DEA multi-objective optimization model for sustainable transportation in mining industry. Resources Policy, 2021, 74, 101180.	9.6	59
8	A nonlinear programming approach to solve MADM problem with triangular fuzzy preference and non-preference information. Optimization and Engineering, 2021, 22, 1091-1116.	2.4	5
9	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
10	Multi-period portfolio optimization using coherent fuzzy numbers in a credibilistic environment. Expert Systems With Applications, 2021, 167, 114135.	7.6	24
11	Double-hierarchy hesitant fuzzy linguistic term set-based decision framework for multi-attribute group decision-making. Soft Computing, 2021, 25, 2665-2685.	3.6	23
12	Multiobjective fuzzy vehicle routing using Twitter data: Reimagining the delivery of essential goods. International Journal of Intelligent Systems, 2021, 36, 3566-3595.	5.7	15
13	Interval-valued probabilistic uncertain linguistic information for decision-making: selection of hydrogen production methodology. Soft Computing, 2021, 25, 9121-9138.	3.6	4
14	An MAGDM approach with q‐rung orthopair trapezoidal fuzzy information for waste disposal site selection problem. International Journal of Intelligent Systems, 2021, 36, 4524-4559.	5.7	14
15	Portfolio optimization using higher moments in an uncertain random environment. Information Sciences, 2021, 567, 348-374.	6.9	27
16	Multiobjective portfolio optimization using coherent fuzzy numbers in a credibilistic environment. International Journal of Intelligent Systems, 2021, 36, 1560-1594.	5.7	10
17	A Hybrid Intelligent Approach to Integrated Fuzzy Multiple Depot Capacitated Green Vehicle Routing Problem With Split Delivery and Vehicle Selection. IEEE Transactions on Fuzzy Systems, 2020, 28, 1155-1166.	9.8	31
18	Intuitionistic fuzzy optimistic and pessimistic multi-period portfolio optimization models. Soft Computing, 2020, 24, 11931-11956.	3.6	19

#	Article	IF	Citations
19	Multiperiod Portfolio Performance Evaluation Model Based on Possibility Theory. IEEE Transactions on Fuzzy Systems, 2020, 28, 3391-3405.	9.8	7
20	Multiobjective Fuzzy Portfolio Performance Evaluation Using Data Envelopment Analysis Under Credibilistic Framework. IEEE Transactions on Fuzzy Systems, 2020, 28, 2726-2737.	9.8	34
21	A multi-period multi-objective optimization framework for software enhancement and component evaluation, selection and integration. Information Sciences, 2020, 523, 91-110.	6.9	6
22	A Credibilistic Fuzzy DEA Approach for Portfolio Efficiency Evaluation and Rebalancing Toward Benchmark Portfolios Using Positive and Negative Returns. International Journal of Fuzzy Systems, 2020, 22, 824-843.	4.0	20
23	A polynomial goal programming approach for intuitionistic fuzzy portfolio optimization using entropy and higher moments. Applied Soft Computing Journal, 2019, 85, 105781.	7.2	31
24	Sustainable transportation planning for a three-stage fixed charge multi-objective transportation problem. Annals of Operations Research, 2019, , 1.	4.1	29
25	A Generalized TOPSIS Method for Intuitionistic Fuzzy Multiple Attribute Group Decision Making Considering Different Scenarios of Attributes Weight Information. International Journal of Fuzzy Systems, 2019, 21, 369-387.	4.0	32
26	Multi-objective optimization framework for software maintenance, component evaluation and selection involving outsourcing, redundancy and customer to customer relationship. Information Sciences, 2019, 483, 21-52.	6.9	9
27	A New Possibilistic Optimization Model for Multiple Criteria Assignment Problem. IEEE Transactions on Fuzzy Systems, 2018, 26, 1775-1788.	9.8	6
28	A novel hybrid heuristic algorithm for a new uncertain mean-variance-skewness portfolio selection model with real constraints. Applied Intelligence, 2018, 48, 2996-3018.	5.3	36
29	Multi-attribute group decision making based on extended TOPSIS method under interval-valued intuitionistic fuzzy environment. Applied Soft Computing Journal, 2018, 69, 554-567.	7.2	88
30	Aggregation of OWA Operators. IEEE Transactions on Fuzzy Systems, 2018, 26, 284-291.	9.8	51
31	Efficiency evaluation of fuzzy portfolio in different risk measures via DEA. Annals of Operations Research, 2018, 269, 103-127.	4.1	31
32	International asset allocation optimization with fuzzy return. Knowledge-Based Systems, 2018, 139, 189-199.	7.1	15
33	Recent advances in optimization theory and applications (RAOTA-2016). Annals of Operations Research, 2018, 269, 1-2.	4.1	7
34	Special issue on advances in optimization theory and applications on the occasion of the international conference on recent advances in optimization theory and applications â€" RAOTA 2016. Optimization, 2017, 66, 1739-1740.	1.7	0
35	Intuitionistic fuzzy multi-attribute group decision-making with an application to plant location selection based on a new extended VIKOR method. Information Sciences, 2016, 370-371, 184-203.	6.9	108
36	A weighted possibilistic programming approach for sustainable vendor selection and order allocation in fuzzy environment. International Journal of Advanced Manufacturing Technology, 2016, 86, 1785-1804.	3.0	29

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37	A new fuzzy group multi-criteria decision making method with an application to the critical path selection. International Journal of Advanced Manufacturing Technology, 2016, 83, 1281-1296.	3.0	21
38	A New Method for Intuitionistic Fuzzy Multiattribute Decision Making. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 1167-1179.	9.3	34
39	COTS products selection using fuzzy chance-constrained multiobjective programming. Applied Intelligence, 2015, 43, 732-751.	5.3	8
40	Multiobjective credibilistic model for COTS products selection of modular software systems under uncertainty. Applied Intelligence, 2015, 42, 353-368.	5.3	6
41	CREDIBILITY-BASED FUZZY MATHEMATICAL PROGRAMMING MODEL FOR PORTFOLIO SELECTION UNDER UNCERTAINTY. International Journal of Information Technology and Decision Making, 2014, 13, 101-135.	3.9	18
42	Fuzzy Chance-Constrained Multiobjective Portfolio Selection Model. IEEE Transactions on Fuzzy Systems, 2014, 22, 653-671.	9.8	44
43	A New Possibilistic Programming Approach For Solving Fuzzy Multiobjective Assignment Problem. IEEE Transactions on Fuzzy Systems, 2014, 22, 16-34.	9.8	67
44	Fuzzy Portfolio Optimization. Studies in Fuzziness and Soft Computing, 2014, , .	0.8	39
45	A multicriteria optimization model of portfolio rebalancing with transaction costs in fuzzy environment. Memetic Computing, 2014, 6, 61-74.	4.0	12
46	A fuzzy approach to multicriteria assignment problem using exponential membership functions. International Journal of Machine Learning and Cybernetics, 2013, 4, 647-657.	3.6	16
47	Multiobjective expected value model for portfolio selection in fuzzy environment. Optimization Letters, 2013, 7, 1765-1791.	1.6	21
48	Multiobjective credibilistic portfolio selection model with fuzzy chance-constraints. Information Sciences, 2013, 229, 1-17.	6.9	57
49	Hybrid optimization models of portfolio selection involving financial and ethical considerations. Knowledge-Based Systems, 2013, 37, 318-337.	7.1	41
50	Optimization of chance constraint programming with sum-of-fractional objectives â€" An application to assembled printed circuit board problem. Applied Mathematical Modelling, 2013, 37, 3564-3574.	4.2	4
51	Expected value multiobjective portfolio rebalancing model with fuzzy parameters. Insurance: Mathematics and Economics, 2013, 52, 190-203.	1.2	45
52	Fuzzy COTS Selection for Modular Software Systems Based on Cohesion and Coupling under Multiple Applications Environment. International Journal of Applied Evolutionary Computation, 2012, 3, 1-18.	1.0	6
53	Asset portfolio optimization using support vector machines and real-coded genetic algorithm. Journal of Global Optimization, 2012, 53, 297-315.	1.8	57
54	COTS selection using fuzzy interactive approach. Optimization Letters, 2012, 6, 273-289.	1.6	22

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55	Multicriteria Credibilistic Portfolio Rebalancing Problem with Fuzzy Chance-Constraint. Advances in Intelligent and Soft Computing, 2012, , 997-1010.	0.2	0
56	A hybrid approach for constructing suitable and optimal portfolios. Expert Systems With Applications, 2011, 38, 5620-5632.	7.6	30
57	A MEMBERSHIP FUNCTION APPROACH FOR COST-RELIABILITY TRADE-OFF OF COTS SELECTION IN FUZZY ENVIRONMENT. International Journal of Reliability, Quality and Safety Engineering, 2011, 18, 573-595.	0.6	16
58	A hybrid approach to asset allocation with simultaneous consideration of suitability and optimality. Information Sciences, 2010, 180, 2264-2285.	6.9	38
59	Asset portfolio optimization using fuzzy mathematical programming. Information Sciences, 2008, 178, 1734-1755.	6.9	147
60	An integrated fuzzy-grey relational analysis approach to portfolio optimization. Applied Intelligence, 0, , .	5.3	0