Benjamin Lev

List of Publications by Year
in descending order

117 papers	2,905 citations	159585 30 h-index	206112 48 g-index
149 all docs	149 docs citations	149 times ranked	1891 citing authors

#	Article	IF	Citations
1	The state-of-the-art survey on integrations and applications of the best worst method in decision making: Why, what, what for and what's next?. Omega, 2019, 87, 205-225.	5.9	303
2	Novel operations of PLTSs based on the disparity degrees of linguistic terms and their use in designing the probabilistic linguistic ELECTRE III method. Applied Soft Computing Journal, 2019, 80, 450-464.	7.2	124
3	Inventory Models with Cost Changes. Operations Research, 1990, 38, 53-63.	1.9	99
4	Coupling coordination degree for urbanization city-industry integration level: Sichuan case. Sustainable Cities and Society, 2020, 58, 102136.	10.4	97
5	Assessing integrated water use and wastewater treatment systems in China: A mixed network structure two-stage SBM DEA model. Journal of Cleaner Production, 2018, 185, 533-546.	9.3	94
6	Cold chain transportation decision in the vaccine supply chain. European Journal of Operational Research, 2020, 283, 182-195.	5.7	94
7	Bibliometric analysis for highly cited papers in operations research and management science from 2008 to 2017 based on Essential Science Indicators. Omega, 2019, 88, 223-236.	5.9	81
8	Efficiency evaluation for banking systems under uncertainty: A multi-period three-stage DEA model. Omega, 2019, 85, 68-82.	5.9	79
9	Supply chain management under carbon taxes: A review and bibliometric analysis. Omega, 2021, 98, 102295.	5.9	76
10	A prospect theory-based group decision approach considering consensus for portfolio selection with hesitant fuzzy information. Knowledge-Based Systems, 2019, 168, 28-38.	7.1	75
11	Willingness-to-cede behaviour in sustainable supply chain coordination. International Journal of Production Economics, 2021, 240, 108207.	8.9	64
12	A hierarchical consensus reaching process for group decision making with noncooperative behaviors. European Journal of Operational Research, 2021, 293, 632-642.	5.7	59
13	Zero-one programming with many variables and few constraints. European Journal of Operational Research, 1978, 2, 195-201.	5.7	56
14	An Inventory Model with Finite Horizon and Price Changes. Journal of the Operational Research Society, 1979, 30, 43-53.	3.4	56
15	Administrative and market-based allocation mechanism for regional water resources planning. Resources, Conservation and Recycling, 2015, 95, 156-173.	10.8	55
16	Optimal decision-making via binary decision diagrams for investments under a risky environment. International Journal of Production Research, 2017, 55, 5271-5286.	7.5	54
17	A likelihood-based multi-criteria sustainable supplier selection approach with complex preference information. Information Sciences, 2020, 536, 135-155.	6.9	53
18	The evolution of Omega-The International Journal of Management Science over the past 40 years: A bibliometric overview. Omega, 2020, 93, 102098.	5.9	51

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19	More-for-less algorithm for fixed-charge transportation problems. Omega, 2007, 35, 116-127.	5.9	46
20	A multi-objective bi-level location planning problem for stone industrial parks. Computers and Operations Research, 2015, 56, 8-21.	4.0	45
21	New Pipe Notch Detection and Location Method for Short Distances employing Ultrasonic Guided Waves. Acta Acustica United With Acustica, 2017, 103, 772-781.	0.8	45
22	Sustainable supply chain evaluation: A dynamic double frontier network DEA model with interval type-2 fuzzy data. Information Sciences, 2019, 504, 394-421.	6.9	44
23	Optimal ordering policies when anticipating parameter changes in EOQ systems. Naval Research Logistics Quarterly, 1981, 28, 267-279.	0.4	40
24	Influenza vaccine supply chain coordination under uncertain supply and demand. European Journal of Operational Research, 2022, 297, 930-948.	5.7	39
25	On step fixed-charge transportation problem. Omega, 2008, 36, 913-917.	5.9	38
26	A branching method for the fixed charge transportation problem. Omega, 2010, 38, 393-397.	5.9	38
27	Balancing of supply and demand of renewable energy power system: A review and bibliometric analysis. Sustainable Futures, 2020, 2, 100013.	3.2	38
28	Automation of strategy using IDEF0 â€" A proof of concept. Operations Research Perspectives, 2015, 2, 106-113.	2.1	35
29	Bilevel and multi-objective dynamic construction site layout and security planning. Automation in Construction, 2015, 57, 1-16.	9.8	35
30	A novel Data Envelopment Analysis model for evaluating industrial production and environmental management system. Journal of Cleaner Production, 2018, 170, 773-788.	9.3	35
31	Portfolio selection under different attitudes in fuzzy environment. Information Sciences, 2018, 462, 278-289.	6.9	30
32	Research on Sustainable Supplier Selection Based on the Rough DEMATEL and FVIKOR Methods. Sustainability, 2021, 13, 88.	3.2	30
33	Multi-criteria group individual research output evaluation based on context-free grammar judgments with assessing attitude. Omega, 2015, 57, 282-293.	5.9	27
34	Early lung cancer screening using double normalization-based multi-aggregation (DNMA) and Delphi methods with hesitant fuzzy information. Computers and Industrial Engineering, 2019, 136, 453-463.	6.3	25
35	Water resource environmental carrying capacity-based reward and penalty mechanism: A DEA benchmarking approach. Journal of Cleaner Production, 2019, 229, 1294-1306.	9.3	25
36	Managing patient satisfaction in a blood-collection room by the probabilistic linguistic gained and lost dominance score method integrated with the best-worst method. Computers and Industrial Engineering, 2020, 145, 106547.	6.3	25

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37	An analysis on strategy evolution of research & development in cooperative innovation network of new energy vehicle within policy transition period. Omega, 2022, 112, 102686.	5.9	25
38	A column generation-based exact solution method for seru scheduling problems. Omega, 2022, 108, 102581.	5.9	24
39	Herding behavior in supplier innovation crowdfunding: Evidence from Kickstarter. International Journal of Production Economics, 2021, 239, 108184.	8.9	23
40	Core, shapley value, nucleolus and nash bargaining solution: A Survey of recent developments and applications in operations management. Omega, 2022, 110, 102638.	5.9	21
41	Solving transportation problems with mixed constraints. International Journal of Management Science and Engineering Management, 2006, 1, 47-52.	3.1	20
42	On approximation of the fixed charge transportation problem. Omega, 2014, 43, 64-70.	5.9	20
43	A fast and simple branching algorithm for solving small scale fixed-charge transportation problem. Operations Research Perspectives, 2014, 1, 1-5.	2.1	20
44	Data envelopment analysis for bi-level systems with multiple followers. Omega, 2018, 77, 180-188.	5.9	20
45	Scheduling problem in seru production system considering DeJongâ€™s learning effect and job splitting. Annals of Operations Research, 2022, 312, 1119-1141.	4.1	19
46	Conservative linear programming with mixed multiple objectives. Omega, 1977, 5, 193-205.	5.9	18
47	A fuzzy multi-criteria group decision making method for individual research output evaluation with maximum consensus. Knowledge-Based Systems, 2014, 56, 253-263.	7.1	17
48	GREEN SUPPLER SELECTION BY AN INTEGRATED METHOD WITH STOCHASTIC ACCEPTABILITY ANALYSIS AND MULTIMOORA. Technological and Economic Development of Economy, 2020, 26, 549-572.	4.6	16
49	Optimal trade-off of integrated river basin water resources allocation considering water market: A bi-level multi-objective model with conditional value-at-risk constraints. Computers and Industrial Engineering, 2022, 169, 108160.	6.3	16
50	A loss-recovery evaluation tool for debris flow. International Journal of Disaster Risk Reduction, 2019, 37, 101165.	3.9	15
51	Noteâ€"An Interpretation of Fractional Objectives in Goal Programming as Related to Papers by Awerbuch, et al., and Hannan. Management Science, 1978, 24, 1546-1549.	4.1	14
52	Multi-attribute comprehensive evaluation of individual research output based on published research papers. Knowledge-Based Systems, 2013, 43, 135-142.	7.1	14
53	Performance evaluation and prediction of the integrated circuit industry in China: A hybrid method. Socio-Economic Planning Sciences, 2020, 69, 100712.	5.0	14
54	A bi-level multi-objective location-routing model for municipal waste management with obnoxious effects. Waste Management, 2021, 135, 109-121.	7.4	14

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55	The role of internal storage capacity in fixed cycle production systems. Naval Research Logistics Quarterly, 1980, 27, 477-487.	0.4	13
56	Diagnosing social failures in sustainable supply chains using a modified Pythagorean fuzzy distance to ideal solution. Computers and Industrial Engineering, 2021, 154, 107156.	6.3	13
57	Synergies Between Association Rules and Collaborative Filtering in Recommender System: An Application to Auto Industry. , 2019, , 65-80.		13
58	Optimization of facility location and size problem based on bi-level multi-objective programming. Computers and Operations Research, 2022, 145, 105860.	4.0	13
59	Supplier's goal setting considering sustainability: An uncertain dynamic Data Envelopment Analysis based benchmarking model. Information Sciences, 2021, 545, 44-64.	6.9	12
60	An effective heuristic based on 3-*opt* strategy for *seru* scheduling problems with learning effect. International Journal of Production Research, 2023, 61, 1938-1954.	7.5	12
61	Supplier selection in disaster operations management: Review and research gap identification. Socio-Economic Planning Sciences, 2022, 82, 101302.	5.0	12
62	Low-Carbon Based Multi-Objective Bi-Level Power Dispatching under Uncertainty. Sustainability, 2016, 8, 533.	3.2	11
63	Integration of third-party platforms: Does it really hurt them?. International Journal of Production Economics, 2021, 234, 108003.	8.9	11
64	Comprehensive evaluation of security, equity, and efficiency on regional water resources coordination using a hybrid multi-criteria decision-making method with different hesitant fuzzy linguistic term sets. Journal of Cleaner Production, 2021, 310, 127447.	9.3	11
65	A Noniterative Algorithm for Tridiagonal Transportation Problems and Its Generalization. Operations Research, 1972, 20, 109-125.	1.9	10
66	Hierarchical Supplier Selection Optimization with Multiple Items in Large-Scale Construction Projects. Journal of Infrastructure Systems, 2017, 23, .	1.8	10
67	Do geologic hazards affect the sustainability of rural development? Evidence from rural areas in China. Journal of Cleaner Production, 2022, 339, 130693.	9.3	10
68	Designing an incentive scheme for producer responsibility organization of waste tires: A MCGP cooperative game approach. Computers and Industrial Engineering, 2022, 167, 108009.	6.3	10
69	A simplified algebraic method for system of linear inequalities with LP applications. Omega, 2009, 37, 876-882.	5.9	9
70	Inventory and pricing decisions when dealing with strategic consumers: A comprehensive analysis. Computers and Operations Research, 2021, 136, 105473.	4.0	9
71	Integrated BWM-Entropy weighting and MULTIMOORA method with probabilistic linguistic information for the evaluation of Waste Recycling Apps. Applied Intelligence, 2023, 53, 813-836.	5.3	9
72	Methods for identification of vanishing variables in transportation problems and its possible applications. Computers and Operations Research, 1976, 3, 295-304.	4.0	8

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73	Patient flow analysis and the delivery of radiology serviceâ€. Socio-Economic Planning Sciences, 1976, 10, 159-166.	5.0	7
74	Comment on an Improved Procedure for the Finite Horizon and Price Changes Inventory Model. Journal of the Operational Research Society, 1979, 30, 840-842.	3.4	7
75	Novel equal division values based on playersâ€™ excess vectors and their applications to logistics enterprise coalitions. Information Sciences, 2020, 512, 1543-1554.	6.9	7
76	Patient Flow and Utilization of Resources in a Diagnostic Radiology Department. Investigative Radiology, 1972, 7, 517-525.	6.2	6
77	New approach to fixed charges problems (FCP). International Journal of Management Science and Engineering Management, 2007, 2, 75-80.	3.1	6
78	Contemporary research in Operations Management. International Journal of Management Science and Engineering Management, 2015, 10, 1-2.	3.1	6
79	Bi-level plant selection and production allocation model under type-2 fuzzy demand. Expert Systems With Applications, 2017, 86, 87-98.	7.6	6
80	A hesitant fuzzy multi-criteria group decision making method for college applicantsâ€™ learning potential evaluation. Journal of Data Information and Management, 2019, 1, 65-75.	2.7	6
81	Natural and Managerial Disposability Based DEA Model for Chinaâ€™s Regional Environmental Efficiency Assessment. Energies, 2019, 12, 3436.	3.1	6
82	Coupling coordination analysis with data-driven technology for disasterâ€"economyâ€"ecology system: an empirical study in China. Natural Hazards, 2021, 107, 2123-2153.	3.4	6
83	Application of vanishing variable methods to special structured transportation problems. Computers and Operations Research, 1977, 4, 21-26.	4.0	5
84	Management Science Processâ€"Requiem for an Operations Research Project. Interfaces, 1980, 10, 39-41.	1.5	5
85	Modeling fixed-charge problems with polynomials. Omega, 2011, 39, 725-728.	5.9	5
86	Multi-index constrained transportation problem with bounds on availabilities, requirements and commodities. Operations Research Perspectives, 2018, 5, 319-333.	2.1	5
87	A Multiple Criteria Decision-Making Method With Heterogeneous Linguistic Expressions. IEEE Transactions on Engineering Management, 2023, 70, 1857-1870.	3.5	5
88	Bilevel multi-objective construction site security planning with twofold random phenomenon. Journal of Industrial and Management Optimization, 2015, 11, 595-617.	1.3	5
89	Integer Programming with Bounded Variables via Canonical Separation. Journal of the Operational Research Society, 1978, 29, 477-488.	3.4	4
90	How to understand â€œsalable fake goodsâ€•and â€œunsalable quality goodsâ€? An insight from the view of quality responsibility and consumersâ€™ brand loyalty. Technology in Society, 2021, 67, 101793.	9.4	4

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91	Inter-competitor outsourcing: On the advantages of profit and product launching time. Transportation Research, Part E: Logistics and Transportation Review, 2022, 158, 102581.	7.4	4
92	Evaluation of various scheduling disciplines by computer systems. , 1974, , .		3
93	Duality of the improved algebraic method (DIAM). Omega, 2009, 37, 1027-1035.	5.9	3
94	On the Loading Problemâ€"A Comment. Management Science, 1972, 18, 428-431.	4.1	2
95	Simulation in dynamic environments: optimization of transportation inside a coal mine. IIE Transactions, 2004, 36, 547-555.	2.1	2
96	Production and work force assignment problem: A bi-level programming approach. International Journal of Management Science and Engineering Management, 2015, 10, 50-61.	3.1	2
97	Bilevel Fuzzy Chance Constrained Hospital Outpatient Appointment Scheduling Model. Scientific Programming, 2016, 2016, 1-14.	0.7	2
98	OMEGA trends during the EES era. Omega, 2018, 74, 115-121.	5.9	2
99	Compromise solutions for stochastic multicriteria acceptability analysis with uncertain preferences and nonmonotonic criteria. International Transactions in Operational Research, 2022, 29, 3737-3757.	2.7	2
100	Evaluate the locations for smart waste bins using BWM and WASPAS methods under a probabilistic linguistic environment. Journal of Intelligent and Fuzzy Systems, 2021, 41, 7199-7218.	1.4	2
101	Evaluation of Cityâ€"Industry Integration Development and Regional Differences under the New Urbanization: A Case Study of Sichuan. Applied Sciences (Switzerland), 2022, 12, 4698.	2.5	2
102	Supply Chain Coordination with Group Buying Through Buyback Contract. Advances in Intelligent Systems and Computing, 2015, , 223-233.	0.6	1
103	OMEGA statistics and trends during the EVISE era. Omega, 2020, 97, 102306.	5.9	1
104	Stack Allowance Trading Mechanism Based Optimization Strategy for Phosphogypsum Reduction in Phosphate Fertilizer Plants. Advances in Intelligent Systems and Computing, 2020, , 261-272.	0.6	1
105	Exploring Determinants of Knowledge Sharing in a Social Network of Practice. Lecture Notes in Electrical Engineering, 2014, , 39-51.	0.4	1
106	Bi-Level Water Allocation Model Based on Shortage Control. Advances in Intelligent Systems and Computing, 2017, , 647-657.	0.6	1
107	Asymmetric Information Effect on Transshipment Reporting Strategy. Advances in Intelligent Systems and Computing, 2017, , 445-454.	0.6	1
108	A Two-Stage Stochastic Programming Model for Pre-positioning of Relief Supplies. Advances in Intelligent Systems and Computing, 2021, , 35-44.	0.6	1

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109	An approach to linear modeling with dispersion surrogates. Omega, 1978, 6, 282-283.	5.9	0
110	Comment on an Improved Procedure for the Finite Horizon and Price Changes Inventory Model. Journal of the Operational Research Society, 1979, 30, 840.	3.4	0
111	Simulation of a Regional Scheduling Problem. Interfaces, 1988, 18, 28-37.	1.5	0
112	Editorial: My Experience as a Book Review Editor. Interfaces, 2010, 40, 477-479.	1.5	0
113	Decentralized Bilevel Optimization for Supplier Selection Problem with Multiple Items under Fuzzy Random Environment. , 2014, , .		0
114	A class of decentralized bi-level programming with multi-objectives in the upper level. , 2015, , .		0
115	Comprehensive Potential Evaluation for the Rooftop PV Development Based on IPO. Profiles in Operations Research, 2021, , 259-293.	0.4	0
116	Economic Order Quantity Model Extensions. , 2013, , 464-466.		0
117	Sustainable portfolio re-equilibrium on wind-solar-hydro system: An integrated optimization with combined meta-heuristic. Energy and Environment, 0, , 0958305X2210832.	4.6	0