# Retsef Levi

List of Publications by Year
in descending order

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|---|---|---|---|
| 66 papers | 2,156 citations | 257101 24 h-index | 301761 39 g-index |
| 67 all docs | 67 docs citations | 67 times ranked | 1418 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Artificial Shortage in Agricultural Supply Chains. Manufacturing and Service Operations Management, 2022, 24, 746-765. | 2.3 | 20 |
| 2 | Understanding Physician Work and Well-being Through Social Network Modeling Using Electronic Health Record Data: a Cohort Study. Journal of General Internal Medicine, 2022, 37, 3789-3796. | 1.3 | 2 |
| 3 | Understanding physicians' work via text analytics on EHR inbox messages. American Journal of Managed Care, 2022, 28, e24-e30. | 0.8 | 1 |
| 4 | Low-Volume Bowel Preparation Is Associated With Reduced Time to Colonoscopy in Hospitalized Patients: A Propensity-Matched Analysis. Clinical and Translational Gastroenterology, 2022, 13, e00482. | 1.3 | 1 |
| 5 | Evaluation of individual and ensemble probabilistic forecasts of COVID-19 mortality in the United States. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2113561119. | 3.3 | 136 |
| 6 | Increased emergency cardiovascular events among under-40 population in Israel during vaccine rollout and third COVID-19 wave. Scientific Reports, 2022, 12, 6978. | 1.6 | 27 |
| 7 | Assortment Optimization Under Consider-Then-Choose Choice Models. Management Science, 2021, 67, 3368-3386. | 2.4 | 41 |
| 8 | Optimization-driven framework to understand health care network costs and resource allocation. Health Care Management Science, 2021, 24, 640-660. | 1.5 | 3 |
| 9 | Worse Cardiac Arrest Outcomes During The COVID-19 Pandemic In Boston Can Be Attributed To Patient Reluctance To Seek Care. Health Affairs, 2021, 40, 886-895. | 2.5 | 28 |
| 10 | Testing at the Source: Analytics-Enabled Risk-Based Sampling of Food Supply Chains in China. Management Science, 2021, 67, 2985-2996. | 2.4 | 21 |
| 11 | Public health risks arising from food supply chains: Challenges and opportunities. Naval Research Logistics, 2021, 68, 1098. | 1.4 | 1 |
| 12 | Food safety inspection and the adoption of traceability in aquatic wholesale markets: A game-theoretic model and empirical evidence. Journal of Integrative Agriculture, 2021, 20, 2807-2819. | 1.7 | 5 |
| 13 | Economically Motivated Adulteration in Farming Supply Chains. Management Science, 2020, 66, 209-226. | 2.4 | 59 |
| 14 | Strategic Capacity Planning Problems in Revenue-Sharing Joint Ventures. Production and Operations Management, 2020, 29, 664-687. | 2.1 | 11 |
| 15 | Predicting Coronavirus Disease 2019 Infection Risk and Related Risk Drivers in Nursing Homes: A Machine Learning Approach. Journal of the American Medical Directors Association, 2020, 21, 1533-1538.e6. | 1.2 | 32 |
| 16 | The impact of unifying agricultural wholesale markets on prices and farmers' profitability. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2366-2371. | 3.3 | 35 |
| 17 | Scheduling with Testing. Management Science, 2019, 65, 776-793. | 2.4 | 20 |
| 18 | Supply Chain Network Analytics Guiding Food Regulatory Operational Policy. SSRN Electronic Journal, 2019, , . | 0.4 | 5 |

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|---|---------|----|-----------|
| 19 | Development and Validation of a Machine Learning Model to Aid Discharge Processes for Inpatient Surgical Care. JAMA Network Open, 2019, 2, e1917221. | 2.8 | 52 |
| 20 | Approximation Algorithms for Dynamic Assortment Optimization Models. Mathematics of Operations Research, 2019, 44, 487-511. | 0.8 | 18 |
| 21 | Non-clinical delays in transfer out of the surgical ICU are associated with increased hospital length of stay and delayed progress of care. Journal of Critical Care, 2019, 50, 126-131. | 1.0 | 0 |
| 22 | Changing the Patient Safety Paradigm. Journal of Patient Safety, 2019, 15, 288-289. | 0.7 | 1 |
| 23 | The Approximability of Assortment Optimization Under Ranking Preferences. Operations Research, 2018, 66, 1661-1669. | 1.2 | 60 |
| 24 | Greedy-Like Algorithms for Dynamic Assortment Planning Under Multinomial Logit Preferences. Operations Research, 2018, 66, 1321-1345. | 1.2 | 29 |
| 25 | On the Effectiveness of Uniform Subsidies in Increasing Market Consumption. Management Science, 2017, 63, 40-57. | 2.4 | 57 |
| 26 | Revenue Management of Reusable Resources with Advanced Reservations. Production and Operations Management, 2017, 26, 836-859. | 2.1 | 36 |
| 27 | Provably Near-Optimal Balancing Policies for Multi-Echelon Stochastic Inventory Control Models. Mathematics of Operations Research, 2017, 42, 256-276. | 0.8 | 7 |
| 28 | Systematic OR Block Allocation at a Large Academic Medical Center. Annals of Surgery, 2016, 264, 973-981. | 2.1 | 28 |
| 29 | The submodular joint replenishment problem. Mathematical Programming, 2016, 158, 207-233. | 1.6 | 17 |
| 30 | Near-Optimal Algorithms for the Assortment Planning Problem Under Dynamic Substitution and Stochastic Demand. Operations Research, 2016, 64, 219-235. | 1.2 | 68 |
| 31 | Supply Chain Management with Online Customer Selection. Operations Research, 2016, 64, 458-473. | 1.2 | 20 |
| 32 | Maintenance and flight scheduling of low observable aircraft. Naval Research Logistics, 2015, 62, 60-80. | 1.4 | 6 |
| 33 | The nature and sources of variability in pediatric surgical case duration. Paediatric Anaesthesia, 2015, 25, 999-1006. | 0.6 | 21 |
| 34 | Pooled Open Blocks Shorten Wait Times for Nonelective Surgical Cases. Annals of Surgery, 2015, 262, 60-67. | 2.1 | 25 |
| 35 | The Data-Driven Newsvendor Problem: New Bounds and Insights. Operations Research, 2015, 63, 1294-1306. | 1.2 | 158 |
| 36 | From Cost Sharing Mechanisms to Online Selection Problems. Mathematics of Operations Research, 2015, 40, 542-557. | 0.8 | 9 |

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|---|---------|-----|-----------|
| 37 | Maintenance scheduling for modular systems: Modeling and algorithms. Naval Research Logistics, 2014, 61, 472-488. | 1.4 | 9 |
| 38 | Approximation algorithms for capacitated stochastic inventory systems with setup costs. Naval Research Logistics, 2014, 61, 304-319. | 1.4 | 20 |
| 39 | Matching Supply and Demand: Delayed Two-Phase Distribution at Yedioth Group—Models, Algorithms, and Information Technology. Interfaces, 2014, 44, 445-460. | 1.6 | 17 |
| 40 | A continuous knapsack problem with separable convex utilities: Approximation algorithms and applications. Operations Research Letters, 2014, 42, 367-373. | 0.5 | 9 |
| 41 | Efficient formulations for pricing under attraction demand models. Mathematical Programming, 2014, 145, 223-261. | 1.6 | 17 |
| 42 | NP-hardness proof for the assembly problem with stationary setup and additive holding costs. Operations Research Letters, 2013, 41, 134-137. | 0.5 | 2 |
| 43 | Approximation Algorithms for the Stochastic Lot-Sizing Problem with Order Lead Times. Operations Research, 2013, 61, 593-602. | 1.2 | 38 |
| 44 | Online Make-to-Order Joint Replenishment Model: Primal-Dual Competitive Algorithms. Operations Research, 2013, 61, 1014-1029. | 1.2 | 29 |
| 45 | Technical Note—A Sampling-Based Approach to Appointment Scheduling. Operations Research, 2012, 60, 675-681. | 1.2 | 56 |
| 46 | Modeling the impact of changing patient transportation systems on peri-operative process performance in a large hospital: insights from a computer simulation study. Health Care Management Science, 2012, 15, 155-169. | 1.5 | 20 |
| 47 | LP-based approximation algorithms for capacitated facility location. Mathematical Programming, 2012, 131, 365-379. | 1.6 | 37 |
| 48 | Adaptive Data-Driven Inventory Control with Censored Demand Based on Kaplan-Meier Estimator. Operations Research, 2011, 59, 929-941. | 1.2 | 144 |
| 49 | Approximation algorithms for supply chain planning and logistics problems with market choice. Mathematical Programming, 2011, 130, 85-106. | 1.6 | 34 |
| 50 | Provably Near-Optimal LP-Based Policies for Revenue Management in Systems with Reusable Resources. Operations Research, 2010, 58, 503-507. | 1.2 | 52 |
| 51 | A Constant Approximation Algorithm for the One-Warehouse Multiretailer Problem. Management Science, 2008, 54, 763-776. | 2.4 | 73 |
| 52 | A 2-Approximation Algorithm for Stochastic Inventory Control Models with Lost Sales. Mathematics of Operations Research, 2008, 33, 351-374. | 0.8 | 67 |
| 53 | Approximation Algorithms for Capacitated Stochastic Inventory Control Models. Operations Research, 2008, 56, 1184-1199. | 1.2 | 68 |
| 54 | Approximation Algorithms for the Capacitated Multi-Item Lot-Sizing Problem via Flow-Cover Inequalities. Mathematics of Operations Research, 2008, 33, 461-474. | 0.8 | 25 |

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|---|---------|-----|-----------|
| 55 | Provably Near-Optimal Sampling-Based Policies for Stochastic Inventory Control Models. Mathematics of Operations Research, 2007, 32, 821-839. | 0.8 | 178 |
| 56 | Approximation Algorithms for Stochastic Inventory Control Models. Mathematics of Operations Research, 2007, 32, 284-302. | 0.8 | 81 |
| 57 | Primal-Dual Algorithms for Deterministic Inventory Problems. Mathematics of Operations Research, 2006, 31, 267-284. | 0.8 | 63 |
| 58 | The MSOM Society Student Paper Competition: Extended Abstracts of 2004 Winners. Manufacturing and Service Operations Management, 2005, 7, 81-99. | 2.3 | 2 |
| 59 | Stochastic Selection Problems with Testing. SSRN Electronic Journal, 0, , . | 0.4 | 3 |
| 60 | Economically Motivated Adulteration in Farming Supply Chains. SSRN Electronic Journal, 0, , . | 0.4 | 2 |
| 61 | Artificial Shortage in Agricultural Supply Chains. SSRN Electronic Journal, 0, , . | 0.4 | 2 |
| 62 | Near-Optimality of Uniform Copayments for Subsidies and Taxes Allocation Problems. Operations Research, 0, , . | 1.2 | 1 |
| 63 | Optimal Interventions for Increasing Healthy Food Consumption Among Low Income Households. SSRN Electronic Journal, 0, , . | 0.4 | 3 |
| 64 | Improving Farmers' Income on Online Agri-Platforms: Theory and Field Implementation of a Two-Stage Auction. SSRN Electronic Journal, 0, , . | 0.4 | 4 |
| 65 | Food Safety and the Adoption of Traceability: Evidence from a Wholesale Market Field Survey in China. SSRN Electronic Journal, 0, , . | 0.4 | 4 |
| 66 | The Link between Food Safety and Zoonotic Disease Risks at Wholesale and Wet Markets in China. SSRN Electronic Journal, 0, , . | 0.4 | 1 |