

Ebru K Bish

List of Publications by Year in descending order

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54
papers

1,382
citations

516681

16
h-index

361001

35
g-index

55
all docs

55
docs citations

55
times ranked

1053
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Screening multi-dimensional heterogeneous populations for infectious diseases under scarce testing resources, with application to COVID-19. Naval Research Logistics, 2022, 69, 3-20. | 2.2 | 9 |
| 2 | Optimal Genetic Screening for Cystic Fibrosis. Operations Research, 2022, 70, 265-287. | 1.9 | 2 |
| 3 | Novel Pooling Strategies for Genetic Testing, with Application to Newborn Screening. Management Science, 2022, 68, 7994-8014. | 4.1 | 1 |
| 4 | Benefits of integrated screening and vaccination for infection control. PLoS ONE, 2022, 17, e0267388. | 2.5 | 3 |
| 5 | Equity in genetic newborn screening. Naval Research Logistics, 2021, 68, 44-64. | 2.2 | 3 |
| 6 | A robust pooled testing approach to expand COVID-19 screening capacity. PLoS ONE, 2021, 16, e0246285. | 2.5 | 34 |
| 7 | Optimal pooled testing design for prevalence estimation under resource constraints. Omega, 2021, 105, 102504. | 5.9 | 4 |
| 8 | Optimal data-driven policies for disease screening under noisy biomarker measurement. IISE Transactions, 2020, 52, 166-180. | 2.4 | 3 |
| 9 | Static Risk-Based Group Testing Schemes Under Imperfectly Observable Risk. Stochastic Systems, 2020, 10, 361-390. | 1.1 | 7 |
| 10 | Decision-Making in Sequential Adaptive Clinical Trials, with Implications for Drug Misclassification and Resource Allocation. Women in Engineering and Science, 2020, , 321-345. | 0.4 | 1 |
| 11 | Optimal demand shaping for a dual-channel retailer under growing e-commerce adoption. IISE Transactions, 2019, 51, 92-106. | 2.4 | 6 |
| 12 | A methodology for deriving the sensitivity of pooled testing, based on viral load progression and pooling dilution. Journal of Translational Medicine, 2019, 17, 252. | 4.4 | 42 |
| 13 | Optimal Risk-Based Group Testing. Management Science, 2019, 65, 4365-4384. | 4.1 | 44 |
| 14 | Adaptive risk-based pooling in public health screening. IISE Transactions, 2018, 50, 753-766. | 2.4 | 17 |
| 15 | Sequential prevalence estimation with pooling and continuous test outcomes. Statistics in Medicine, 2018, 37, 2391-2426. | 1.6 | 17 |
| 16 | Robust Postdonation Blood Screening Under Prevalence Rate Uncertainty. Operations Research, 2018, 66, 1-17. | 1.9 | 20 |
| 17 | Proactive Risk Assessment of Surgical Site Infections in Ambulatory Surgery Centers. Journal of Patient Safety, 2017, 13, 69-75. | 1.7 | 7 |
| 18 | Optimal pooling strategies for nucleic acid testing of donated blood considering viral load growth curves and donor characteristics. IISE Transactions on Healthcare Systems Engineering, 2017, 7, 15-29. | 1.7 | 6 |

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|----|--|-----|-----------|
| 19 | Residual risk and waste in donated blood with pooled nucleic acid testing. <i>Statistics in Medicine</i> , 2016, 35, 5283-5301. | 1.6 | 20 |
| 20 | Cost-effectiveness of a <i>Babesia microti</i> blood donation intervention based on real-time prospective screening in endemic areas of the United States. <i>Transfusion</i> , 2016, 56, 775-777. | 1.6 | 5 |
| 21 | The optimal resource portfolio under consumer choice and demand risk for vertically differentiated products. <i>Journal of the Operational Research Society</i> , 2016, 67, 87-97. | 3.4 | 10 |
| 22 | Cost-effectiveness of <i>Babesia microti</i> antibody and nucleic acid blood donation screening using results from prospective investigational studies. <i>Transfusion</i> , 2015, 55, 2256-2271. | 1.6 | 30 |
| 23 | Newsvendor pricing and assortment under Poisson decomposition. <i>IIE Transactions</i> , 2014, 46, 567-584. | 2.1 | 14 |
| 24 | Red Blood Cell Transfusion Safety: Probabilistic Risk Assessment and Cost/ Benefits of Risk Reduction Strategies. <i>Annals of Operations Research</i> , 2014, 221, 377-406. | 4.1 | 3 |
| 25 | Going beyond "same-for-all" testing of infectious agents in donated blood. <i>IIE Transactions</i> , 2014, 46, 1147-1168. | 2.1 | 4 |
| 26 | A probabilistic method for the estimation of residual risk in donated blood. <i>Biostatistics</i> , 2014, 15, 620-635. | 1.5 | 10 |
| 27 | A Socio-Technical, Probabilistic Risk Assessment Model for Surgical Site Infections in Ambulatory Surgery Centers. <i>Infection Control and Hospital Epidemiology</i> , 2014, 35, S133-S141. | 1.8 | 59 |
| 28 | Comparative Statics Analysis of Multiproduct Newsvendor Networks Under Responsive Pricing. <i>Operations Research</i> , 2012, 60, 1111-1124. | 1.9 | 13 |
| 29 | Safety and waste considerations in donated blood screening. <i>European Journal of Operational Research</i> , 2012, 217, 619-632. | 5.7 | 10 |
| 30 | Optimal selection of screening assays for infectious agents in donated blood. <i>IIE Transactions on Healthcare Systems Engineering</i> , 2011, 1, 67-90. | 0.8 | 10 |
| 31 | Revenue management with aircraft reassignment flexibility. <i>Naval Research Logistics</i> , 2011, 58, 136-152. | 2.2 | 5 |
| 32 | Pricing, Variety, and Inventory Decisions for Product Lines of Substitutable Items. <i>Profiles in Operations Research</i> , 2011, , 367-391. | 0.4 | 4 |
| 33 | A note on "resource flexibility with responsive pricing". <i>Naval Research Logistics</i> , 2010, 57, 119-126. | 2.2 | 11 |
| 34 | Optimal capacity for substitutable products under operational postponement. <i>European Journal of Operational Research</i> , 2010, 207, 775-783. | 5.7 | 33 |
| 35 | Locational tying of complementary retail items. <i>Naval Research Logistics</i> , 2009, 56, 421-438. | 2.2 | 5 |
| 36 | Optimal Capacity, Product Substitution, Linear Demand Models, and Uncertainty. <i>Engineering Economist</i> , 2009, 54, 109-151. | 1.1 | 15 |

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|----|--|-----|-----------|
| 37 | Allocation of flexible and indivisible resources with decision postponement and demand learning. European Journal of Operational Research, 2008, 187, 429-441. | 5.7 | 3 |
| 38 | Joint pricing, assortment, and inventory decisions for a retailer's product line. Naval Research Logistics, 2007, 54, 315-330. | 2.2 | 78 |
| 39 | Dispatching vehicles in a mega container terminal. , 2007, , 179-194. | | 4 |
| 40 | Airline fleet assignment concepts, models, and algorithms. European Journal of Operational Research, 2006, 172, 1-30. | 5.7 | 126 |
| 41 | Coordinating the resource investment decision for a two-market, price-setting firm. International Journal of Production Economics, 2006, 101, 63-88. | 8.9 | 6 |
| 42 | Optimal Investment Strategies for Flexible Resources, Considering Pricing. , 2005, , 123-144. | | 4 |
| 43 | Dispatching vehicles in a mega container terminal. OR Spectrum, 2005, 27, 491-506. | 3.4 | 98 |
| 44 | Polyhedral Analysis and Algorithms for a Demand-Driven Refleeting Model for Aircraft Assignment. Transportation Science, 2005, 39, 349-366. | 4.4 | 29 |
| 45 | Managing Flexible Capacity in a Make-to-Order Environment. Management Science, 2005, 51, 167-180. | 4.1 | 81 |
| 46 | Optimal Investment Strategies for Flexible Resources, Considering Pricing and Correlated Demands. Operations Research, 2004, 52, 954-964. | 1.9 | 108 |
| 47 | Scheduling of wafer test processes in semiconductor manufacturing. International Journal of Production Research, 2004, 42, 215-242. | 7.5 | 25 |
| 48 | Strategies for managing the flexible capacity in the airline industry. Naval Research Logistics, 2004, 51, 654-685. | 2.2 | 21 |
| 49 | A multiple-crane-constrained scheduling problem in a container terminal. European Journal of Operational Research, 2003, 144, 83-107. | 5.7 | 170 |
| 50 | Impact of Manufacturing Flexibility on Supply Chain Performance in the Automotive Industry. Profiles in Operations Research, 2002, , 73-118. | 0.4 | 7 |
| 51 | Analysis of a new vehicle scheduling and location problem. Naval Research Logistics, 2001, 48, 363-385. | 2.2 | 106 |
| 52 | Analysis of a new vehicle scheduling and location problem. Naval Research Logistics, 2001, 48, 363-385. | 2.2 | 19 |
| 53 | Optimal Group Testing: Structural Properties and Robust Solutions, with Application to Public Health Screening. INFORMS Journal on Computing, 0, , . | 1.7 | 6 |
| 54 | Optimal Patient Enrollment in Sequential Adaptive Clinical Trials with Binary Response. SSRN Electronic Journal, 0, , . | 0.4 | 3 |