# Edward Wasil

## List of Publications by Year in descending order

| 38 papers | 905 citations | 516215 16 h-index | 476904 29 g-index |
|---|---|---|---|
| 38 all docs | 38 docs citations | 38 times ranked | 822 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Using regression models to understand the impact of route-length variability in practical vehicle routing. Optimization Letters, 2023, 17, 163-175. | 0.9 | 3 |
| 2 | Data-driven optimization and statistical modeling to improve meter reading for utility companies. Computers and Operations Research, 2022, , 105844. | 2.4 | 1 |
| 3 | On the road to better routes: Five decades of published research on the vehicle routing problem. Networks, 2021, 77, 66-87. | 1.6 | 9 |
| 4 | Estimating the Tour Length for the Close Enough Traveling Salesman Problem. Algorithms, 2021, 14, 123. | 1.2 | 3 |
| 5 | Modeling and Solving the Intersection Inspection Rural Postman Problem. INFORMS Journal on Computing, 2021, 33, 1245-1257. | 1.0 | 1 |
| 6 | A Steiner Zone Variable Neighborhood Search Heuristic for the Close-Enough Traveling Salesman Problem. Computers and Operations Research, 2019, 101, 200-219. | 2.4 | 19 |
| 7 | A two-stage solution approach for the Directed Rural Postman Problem with Turn Penalties. European Journal of Operational Research, 2019, 272, 754-765. | 3.5 | 7 |
| 8 | OAR Lib: an open source arc routing library. Mathematical Programming Computation, 2019, 11, 587-629. | 3.2 | 2 |
| 9 | Impact of Global Budget Revenue Policy on Emergency Department Efficiency in the State of Maryland. Western Journal of Emergency Medicine, 2019, 20, 885-992. | 0.6 | 5 |
| 10 | An Open-Source Desktop Application for Generating Arc-Routing Benchmark Instances. INFORMS Journal on Computing, 2018, 30, 361-370. | 1.0 | 7 |
| 11 | A novel approach to solve the split delivery vehicle routing problem. International Transactions in Operational Research, 2017, 24, 27-41. | 1.8 | 35 |
| 12 | Partitioning a street network into compact, balanced, and visually appealing routes. Networks, 2017, 69, 290-303. | 1.6 | 16 |
| 13 | A hybrid heuristic procedure for the Windy Rural Postman Problem with Zigzag Time Windows. Computers and Operations Research, 2017, 88, 247-257. | 2.4 | 2 |
| 14 | Impact of Health Policy Changes on Emergency Medicine in Maryland Stratified by Socioeconomic Status. Western Journal of Emergency Medicine, 2017, 18, 356-365. | 0.6 | 10 |
| 15 | The min–max split delivery multi-depot vehicle routing problem with minimum service time requirement. Computers and Operations Research, 2016, 71, 110-126. | 2.4 | 23 |
| 16 | Drivers of ED efficiency: a statistical and cluster analysis of volume, staffing, and operations. American Journal of Emergency Medicine, 2016, 34, 155-161. | 0.7 | 19 |
| 17 | Operations research models and methods in the screening, detection, and treatment of prostate cancer: A categorized, annotated review. Operations Research for Health Care, 2016, 8, 9-21. | 0.8 | 4 |
| 18 | The min-max multi-depot vehicle routing problem: heuristics and computational results. Journal of the Operational Research Society, 2015, 66, 1430-1441. | 2.1 | 17 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Predicting prostate cancer risk using magnetic resonance imaging data. Information Systems and E-Business Management, 2015, 13, 599-608. | 2.2 | 7 |
| 20 | The impact of electronic health record implementation on emergency physician efficiency and patient throughput. Healthcare, 2014, 2, 201-204. | 0.6 | 10 |
| 21 | A worst-case analysis for the split delivery vehicle routing problem with minimum delivery amounts. Optimization Letters, 2013, 7, 1597-1609. | 0.9 | 10 |
| 22 | The hierarchical traveling salesman problem. Optimization Letters, 2013, 7, 1517-1524. | 0.9 | 20 |
| 23 | Plowing with precedence: A variant of the windy postman problem. Computers and Operations Research, 2013, 40, 1047-1059. | 2.4 | 27 |
| 24 | Optimizing throughput of a multi-room proton therapy treatment center via simulation. , 2013, , . | | 3 |
| 25 | Exploring the effects of network structure and healthcare worker behavior on the transmission of hospital-acquired infections. IIE Transactions on Healthcare Systems Engineering, 2012, 2, 259-273. | 0.8 | 7 |
| 26 | An application of factorial design to compare the relative effectiveness of hospital infection control measures. , 2011, , . | | 6 |
| 27 | Reducing Boarding in a Post–Anesthesia Care Unit. Production and Operations Management, 2011, 20, 431-441. | 2.1 | 40 |
| 28 | The multi-depot split delivery vehicle routing problem: An integer programming-based heuristic, new test problems, and computational results. Computers and Industrial Engineering, 2011, 61, 794-804. | 3.4 | 78 |
| 29 | A library of local search heuristics for the vehicle routing problem. Mathematical Programming Computation, 2010, 2, 79-101. | 3.2 | 125 |
| 30 | A dynamic patient network model of hospital-acquired infections. , 2010, , . | | 6 |
| 31 | The split delivery vehicle routing problem with minimum delivery amounts. Transportation Research, Part E: Logistics and Transportation Review, 2010, 46, 612-626. | 3.7 | 53 |
| 32 | The balanced billing cycle vehicle routing problem. Networks, 2009, 54, 243-254. | 1.6 | 12 |
| 33 | The split delivery vehicle routing problem: Applications, algorithms, test problems, and computational results. Networks, 2007, 49, 318-329. | 1.6 | 87 |
| 34 | Improved Heuristics for the Minimum Label Spanning Tree Problem. IEEE Transactions on Evolutionary Computation, 2006, 10, 700-703. | 7.5 | 29 |
| 35 | A Computational Study Of A New Heuristic For The Site-Dependent Vehicle Routing Problem. Infor, 1999, 37, 319-336. | 0.5 | 35 |
| 36 | An Operational Analysis Of Shell Planting Strategies For Improving The Survival Of Oyster Larvae In The Chesapeake Bay. Infor, 1996, 34, 181-196. | 0.5 | 0 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------|
| 37 | An improved heuristic for the period vehicle routing problem. Networks, 1995, 26, 25-44. | 1.6 | 116 |
| 38 | Estimating the length of the optimal TSP tour: An empirical study using regression and neural networks. Computers and Operations Research, 1995, 22, 1039-1046. | 2.4 | 51 |