

# Bismark Singh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5718828/publications.pdf>

Version: 2024-02-01

21  
papers

306  
citations

1162367

8  
h-index

996533

15  
g-index

24  
all docs

24  
docs citations

24  
times ranked

360  
citing authors

| #  | ARTICLE                                                                                                                                                                                      | IF  | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | A modeler's guide to handle complexity in energy systems optimization. <i>Advances in Applied Energy</i> , 2021, 4, 100063.                                                                  | 6.6 | 63        |
| 2  | Timing social distancing to avert unmanageable COVID-19 hospital surges. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 19873-19878.    | 3.3 | 56        |
| 3  | A Guide to Solar Power Forecasting using ARMA Models. , 2019, , .                                                                                                                            |     | 31        |
| 4  | Design of COVID-19 staged alert systems to ensure healthcare capacity with minimal closures. <i>Nature Communications</i> , 2021, 12, 3767.                                                  | 5.8 | 27        |
| 5  | Selecting pharmacies for COVID-19 testing to ensure access. <i>Health Care Management Science</i> , 2021, 24, 330-338.                                                                       | 1.5 | 26        |
| 6  | Equalizing access to pandemic influenza vaccines through optimal allocation to public health distribution points. <i>PLoS ONE</i> , 2017, 12, e0182720.                                      | 1.1 | 21        |
| 7  | International comparisons of COVID-19 deaths in the presence of comorbidities require uniform mortality coding guidelines. <i>International Journal of Epidemiology</i> , 2021, 50, 373-377. | 0.9 | 16        |
| 8  | Optimizing Distribution of Pandemic Influenza Antiviral Drugs. <i>Emerging Infectious Diseases</i> , 2015, 21, 251-258.                                                                      | 2.0 | 14        |
| 9  | Lagrangian relaxation based heuristics for a chance-constrained optimization model of a hybrid solar-battery storage system. <i>Journal of Global Optimization</i> , 2021, 80, 965.          | 1.1 | 11        |
| 10 | An adaptive model with joint chance constraints for a hybrid wind-conventional generator system. <i>Computational Management Science</i> , 2018, 15, 563-582.                                | 0.8 | 8         |
| 11 | Approximating two-stage chance-constrained programs with classical probability bounds. <i>Optimization Letters</i> , 2019, 13, 1403-1416.                                                    | 0.9 | 8         |
| 12 | Two-stage stochastic minimum cut problems: Formulations, complexity and decomposition algorithms. <i>Networks</i> , 2020, 75, 235-258.                                                       | 1.6 | 5         |
| 13 | Estimation of single-year-of-age counts of live births, fetal losses, abortions, and pregnant women for counties of Texas. <i>BMC Research Notes</i> , 2017, 10, 178.                        | 0.6 | 3         |
| 14 | Modeling flexible generator operating regions via chance-constrained stochastic unit commitment. <i>Computational Management Science</i> , 2020, 17, 309-326.                                | 0.8 | 3         |
| 15 | Fairness criteria for allocating scarce resources. <i>Optimization Letters</i> , 2020, 14, 1533-1541.                                                                                        | 0.9 | 2         |
| 16 | Popov, Berg, Sokolov: A Street with Three Plaques. <i>Mathematical Intelligencer</i> , 2019, 41, 13-15.                                                                                      | 0.1 | 1         |
| 17 | Tighter reformulations using classical Dawson and Sankoff bounds for approximating two-stage chance-constrained programs. <i>Optimization Letters</i> , 2021, 15, 327-336.                   | 0.9 | 1         |
| 18 | Expanding Access to COVID-19 Tests through US Postal Service Facilities. <i>Medical Decision Making</i> , 2021, 41, 3-8.                                                                     | 1.2 | 1         |

| #  | ARTICLE                                                                                                                                 | IF  | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Reminiscences of Two Evenings with Dmitry Borisovich Gnedenko. <i>Mathematical Intelligencer</i> , 2017, 39, 50-52.                     | 0.1 | 0         |
| 20 | Budget-cut: introduction to a budget based cutting-plane algorithm for capacity expansion models. <i>Optimization Letters</i> , 0, , 1. | 0.9 | 0         |
| 21 | A Large Controversy from a Small Town: Johann Georg von Soldner of Feuchtwangen. <i>Mathematical Intelligencer</i> , 0, , 1.            | 0.1 | 0         |