

Hong Wan

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

625
citations

759233

12
h-index

1058476

14
g-index

23
all docs

23
docs citations

23
times ranked

408
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Machine learning in/for blockchain: Future and challenges. Canadian Journal of Statistics, 2021, 49, 1364-1382. | 0.9 | 29 |
| 2 | Strategic Prosumers: How to Set the Prices in a Tiered Market?. IEEE Transactions on Industrial Informatics, 2019, 15, 4469-4480. | 11.3 | 12 |
| 3 | Chitosan biopolymer-derived self-powered triboelectric sensor with optimized performance through molecular surface engineering and data-driven learning. Informa Mater, 2019, 1, 116-125. | 17.3 | 47 |
| 4 | Randomized block coordinate descendant STRONG for large-scale Stochastic Optimization. , 2016, , . | | 1 |
| 5 | Sequential procedures for multiple responses factor screening. , 2014, , . | | 4 |
| 6 | Combining STRONG with screening designs for large-scale simulation optimization. IIE Transactions, 2014, 46, 357-373. | 2.1 | 16 |
| 7 | Stochastic Trust-Region Response-Surface Method (STRONG) – A New Response-Surface Framework for Simulation Optimization. INFORMS Journal on Computing, 2013, 25, 230-243. | 1.7 | 76 |
| 8 | Work smarter, not harder: A tutorial on designing and conducting simulation experiments. , 2012, , . | | 21 |
| 9 | Better than a petaflop: The power of efficient experimental design. , 2011, , . | | 3 |
| 10 | Combining strong and screening designs for large-scale simulation optimization. , 2011, , . | | 1 |
| 11 | A hybrid method for simulation factor screening. Naval Research Logistics, 2010, 57, 45-57. | 2.2 | 21 |
| 12 | Improving the Efficiency and Efficacy of Controlled Sequential Bifurcation for Simulation Factor Screening. INFORMS Journal on Computing, 2010, 22, 482-492. | 1.7 | 57 |
| 13 | Two-phase screening procedure for simulation experiments. ACM Transactions on Modeling and Computer Simulation, 2009, 19, 1-24. | 0.8 | 29 |
| 14 | Efficient experimental design tools for exploring large simulation models. Computational and Mathematical Organization Theory, 2009, 15, 237-257. | 2.0 | 15 |
| 15 | Controlled sequential factorial design for simulation factor screening. European Journal of Operational Research, 2009, 198, 511-519. | 5.7 | 29 |
| 16 | Better than a petaflop: The power of efficient experimental design. , 2009, , . | | 11 |
| 17 | Controlled sequential bifurcation for software reliability study. , 2007, , . | | 1 |
| 18 | Effects of clinical characteristics on successful open access scheduling. Health Care Management Science, 2007, 10, 111-124. | 2.6 | 117 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Stochastic trust region gradient-free method (strong) - a new response-surface-based algorithm in simulation optimization. , 2007, , . | | 9 |
| 20 | Two-Stage Controlled Fractional Factorial Screening for Simulation Experiments. Journal of Quality Technology, 2007, 39, 126-139. | 2.5 | 10 |
| 21 | Controlled Sequential Bifurcation: A New Factor-Screening Method for Discrete-Event Simulation. Operations Research, 2006, 54, 743-755. | 1.9 | 83 |
| 22 | A Hybrid Method for Simulation Factor Screening. , 2006, , . | | 8 |