

# Hong Wan

## List of Publications by Year in descending order

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22  
papers

625  
citations

759233

12  
h-index

1058476

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g-index

23  
all docs

23  
docs citations

23  
times ranked

408  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of clinical characteristics on successful open access scheduling. Health Care Management Science, 2007, 10, 111-124.	2.6	117
2	Controlled Sequential Bifurcation: A New Factor-Screening Method for Discrete-Event Simulation. Operations Research, 2006, 54, 743-755.	1.9	83
3	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
4	Improving the Efficiency and Efficacy of Controlled Sequential Bifurcation for Simulation Factor Screening. INFORMS Journal on Computing, 2010, 22, 482-492.	1.7	57
5	Chitosan biopolymer – derived self – powered triboelectric sensor with optimized performance through molecular surface engineering and data – driven learning. Informa – Materi – ly, 2019, 1, 116-125.	17.3	47
6	Two-phase screening procedure for simulation experiments. ACM Transactions on Modeling and Computer Simulation, 2009, 19, 1-24.	0.8	29
7	Controlled sequential factorial design for simulation factor screening. European Journal of Operational Research, 2009, 198, 511-519.	5.7	29
8	Machine learning in/for blockchain: Future and challenges. Canadian Journal of Statistics, 2021, 49, 1364-1382.	0.9	29
9	A hybrid method for simulation factor screening. Naval Research Logistics, 2010, 57, 45-57.	2.2	21
10	Work smarter, not harder: A tutorial on designing and conducting simulation experiments. , 2012, , .		21
11	Combining STRONG with screening designs for large-scale simulation optimization. IIE Transactions, 2014, 46, 357-373.	2.1	16
12	Efficient experimental design tools for exploring large – simulation models. Computational and Mathematical Organization Theory, 2009, 15, 237-257.	2.0	15
13	Strategic Prosumers: How to Set the Prices in a Tiered Market?. IEEE Transactions on Industrial Informatics, 2019, 15, 4469-4480.	11.3	12
14	Better than a petaflop: The power of efficient experimental design. , 2009, , .		11
15	Two-Stage Controlled Fractional Factorial Screening for Simulation Experiments. Journal of Quality Technology, 2007, 39, 126-139.	2.5	10
16	Stochastic trust region gradient-free method (strong) - a new response-surface-based algorithm in simulation optimization. , 2007, , .		9
17	A Hybrid Method for Simulation Factor Screening. , 2006, , .		8
18	Sequential procedures for multiple responses factor screening. , 2014, , .		4

#	ARTICLE	IF	CITATIONS
19	Better than a petaflop: The power of efficient experimental design. , 2011, , .		3
20	Controlled sequential bifurcation for software reliability study. , 2007, , .		1
21	Combining strong and screening designs for large-scale simulation optimization. , 2011, , .		1
22	Randomized block coordinate descendant STRONG for large-scale Stochastic Optimization. , 2016, , .		1