

Susan R Hunter

List of Publications by Year in descending order

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27
papers

416
citations

1163117

8
h-index

1281871

11
g-index

27
all docs

27
docs citations

27
times ranked

206
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal Sampling Laws for Stochastically Constrained Simulation Optimization on Finite Sets. INFORMS Journal on Computing, 2013, 25, 527-542.	1.7	75
2	Stochastically Constrained Ranking and Selection via SCORE. ACM Transactions on Modeling and Computer Simulation, 2015, 25, 1-26.	0.8	72
3	Efficient Ranking and Selection in Parallel Computing Environments. Operations Research, 2017, 65, 821-836.	1.9	58
4	A Bound on the Performance of an Optimal Ambulance Redeployment Policy. Operations Research, 2014, 62, 1014-1027.	1.9	36
5	An Introduction to Multiobjective Simulation Optimization. ACM Transactions on Modeling and Computer Simulation, 2019, 29, 1-36.	0.8	36
6	Parallel Ranking and Selection. Simulation Foundations, Methods and Applications, 2017, , 249-275.	0.1	25
7	Maximizing quantitative traits in the mating design problem via simulation-based Pareto estimation. IIE Transactions, 2016, 48, 565-578.	2.1	22
8	Ranking and selection in a high performance computing environment. , 2013, , .		13
9	SCORE Allocations for Bi-objective Ranking and Selection. ACM Transactions on Modeling and Computer Simulation, 2018, 28, 1-28.	0.8	11
10	Multi-objective simulation optimization on finite sets: Optimal allocation via scalarization. , 2015, , .		9
11	Multi-objective ranking and selection: Optimal sampling laws and tractable approximations via SCORE. Journal of Simulation, 2020, 14, 21-40.	1.5	9
12	Optimal sampling laws for bi-objective simulation optimization on finite sets. , 2015, , .		8
13	A comparison of two parallel ranking and selection procedures. , 2014, , .		7
14	Optimal sampling laws for constrained simulation optimization on finite sets: The bivariate normal case. , 2011, , .		5
15	ASTRO-DF: Adaptive sampling trust-region optimization algorithms, heuristics, and numerical experience. , 2016, , .		5
16	Evaluation of bi-Pass for Parallel Simulation Optimization. , 2020, , .		5
17	Exploring bounds on ambulance deployment policy performance. , 2012, , .		3
18	Comparing Message Passing Interface and MapReduce for large-scale parallel ranking and selection. , 2015, , .		3

#	ARTICLE	IF	CITATIONS
19	An epsilon-constraint method for integer-ordered bi-objective simulation optimization. , 2017, , .		3
20	PyMOSO: Software for Multiobjective Simulation Optimization with R-PERLE and R-MinRLE. INFORMS Journal on Computing, 0, , .	1.7	3
21	Adaptive Sampling line search for local stochastic optimization with integer variables. Mathematical Programming, 2022, 196, 775-804.	2.4	3
22	Sequential detection of convexity from noisy function evaluations. , 2014, , .		2
23	Multi-objective simulation optimization on finite sets: Optimal allocation via scalarization. , 2015, , .		1
24	Biobjective Simulation Optimization on Integer Lattices Using the Epsilon-Constraint Method in a Retrospective Approximation Framework. INFORMS Journal on Computing, 0, , .	1.7	1
25	Open Problemâ€™ Adaptive Constant-Step Stochastic Approximation. Stochastic Systems, 2019, 9, 307-310.	1.1	1
26	Phantom pareto systems for multi-objective ranking and selection. , 2017, , .		0
27	R-Mgspline: Retrospective Multi-Gradient Search for Multi-Objective Simulation Optimization on Integer Lattices. , 2019, , .		0