Susan R Hunter

List of Publications by Year
in descending order

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	Adaptive Sampling line search for local stochastic optimization with integer variables. Mathematical Programming, 2022, 196, 775-804.	2.4	3
2	Multi-objective ranking and selection: Optimal sampling laws and tractable approximations via SCORE. Journal of Simulation, 2020, 14, 21-40.	1.5	9
3	Evaluation of bi-Pass for Parallel Simulation Optimization. , 2020, , .		5
4	An Introduction to Multiobjective Simulation Optimization. ACM Transactions on Modeling and Computer Simulation, 2019, 29, 1-36.	0.8	36
5	R-Mgspline: Retrospective Multi-Gradient Search for Multi-Objective Simulation Optimization on Integer Lattices. , 2019, , .		0
6	Open Problem—Adaptive Constant-Step Stochastic Approximation. Stochastic Systems, 2019, 9, 307-310.	1.1	1
7	SCORE Allocations for Bi-objective Ranking and Selection. ACM Transactions on Modeling and Computer Simulation, 2018, 28, 1-28.	0.8	11
8	Efficient Ranking and Selection in Parallel Computing Environments. Operations Research, 2017, 65, 821-836.	1.9	58
9	Phantom pareto systems for multi-objective ranking and selection. , 2017, , .		0
10	An epsilon-constraint method for integer-ordered bi-objective simulation optimization. , 2017, , .		3
11	Parallel Ranking and Selection. Simulation Foundations, Methods and Applications, 2017, , 249-275.	0.1	25
12	ASTRO-DF: Adaptive sampling trust-region optimization algorithms, heuristics, and numerical experience. , 2016, , .		5
13	Maximizing quantitative traits in the mating design problem via simulation-based Pareto estimation. IIE Transactions, 2016, 48, 565-578.	2.1	22
14	Multi-objective simulation optimization on finite sets: Optimal allocation via scalarization. , 2015, , .		9
15	Optimal sampling laws for bi-objective simulation optimization on finite sets. , 2015, , .		8
16	Multi-objective simulation optimization on finite sets: Optimal allocation via scalarization. , 2015, , .		1
17	Comparing Message Passing Interface and MapReduce for large-scale parallel ranking and selection. , 2015, , .		3
18	Stochastically Constrained Ranking and Selection via SCORE. ACM Transactions on Modeling and Computer Simulation, 2015, 25, 1-26.	0.8	72

#	Article	IF	Citations
19	A Bound on the Performance of an Optimal Ambulance Redeployment Policy. Operations Research, 2014, 62, 1014-1027.	1.9	36
20	Sequential detection of convexity from noisy function evaluations. , 2014, , .		2
21	A comparison of two parallel ranking and selection procedures. , 2014, , .		7
22	Ranking and selection in a high performance computing environment. , 2013, , .		13
23	Optimal Sampling Laws for Stochastically Constrained Simulation Optimization on Finite Sets. INFORMS Journal on Computing, 2013, 25, 527-542.	1.7	75
24	Exploring bounds on ambulance deployment policy performance. , 2012, , .		3
25	Optimal sampling laws for constrained simulation optimization on finite sets: The bivariate normal case. , 2011, , .		5
26	PyMOSO: Software for Multiobjective Simulation Optimization with R-PERLE and R-MinRLE. INFORMS Journal on Computing, 0, , .	1.7	3
27	Biobjective Simulation Optimization on Integer Lattices Using the Epsilon-Constraint Method in a Retrospective Approximation Framework. INFORMS Journal on Computing, 0, , .	1.7	1