Robert C Green Ii

List of Publications by Year
in descending order

55 papers	**2,064** citations
759055 **12** h-index	752573 **20** g-index
56 all docs	**56** docs citations
56 times ranked	**2415** citing authors

#	Article	IF	Citations
1	Improving Access to HLA-Matched Kidney Transplants for African American Patients. Frontiers in Immunology, 2022, 13, 832488.	2.2	6
2	Predicting severely imbalanced data disk drive failures with machine learning models. Machine Learning With Applications, 2022, 9, 100361.	3.0	4
3	Implementing Central Force optimization on the Intel Xeon Phi. , 2020, , .		0
4	Low Hydrophobic Mismatch Scores Calculated for HLA-A/B/DR/DQ Loci Improve Kidney Allograft Survival. Frontiers in Immunology, 2020, 11, 580752.	2.2	7
5	ReliaCloud-NS: A scalable web-based simulation platform for evaluating the reliability of cloud computing systems. Software - Practice and Experience, 2018, 48, 665-680.	2.5	4
6	Mobile Edge Offloading Using Markov Decision Processes. Lecture Notes in Computer Science, 2018, , 80-90.	1.0	14
7	A case study in multi-core parallelism for the reliability evaluation of composite power systems. Journal of Supercomputing, 2017, 73, 5125-5149.	2.4	1
8	Classifying commit messages: A case study in resampling techniques. , 2017, , .		6
9	Anomaly detection in smart grids with imbalanced data methods. , 2017, , .		11
10	Neighborhood topologies in central force optimization. , 2017, , .		0
11	Ten Years of the Agile Software Factory for Software Engineering Education and Training. , 2017, , .		3
12	FourD: do developers discuss design? revisited. , 2016, , .		4
13	Weighted vote algorithm combination technique for anomaly based Smart Grid Intrusion Detection systems. , 2016, , .		1
14	PSO trained Neural Networks for predicting forest fire size: A comparison of implementation and performance. , 2016, , .		9
15	Performance Enhanced Multiset Similarity Joins. , 2016, , .		0
16	Achieving Optimal Inter-Node Communication in Graph Partitioning Using Random Selection and Breadth-First Search. International Journal of Parallel Programming, 2016, 44, 772-800.	1.1	1
17	Utilizing capabilities of plug in electric vehicles with a new demand response optimization software framework: Okeanos. International Journal of Electrical Power and Energy Systems, 2016, 75, 1-7.	3.3	15
18	Evaluation and design of highly reliable and highly utilized cloud computing systems. Journal of Cloud Computing: Advances, Systems and Applications, 2015, 4, .	2.1	16

#	Article	IF	Citations
19	A game theoretic software framework for optimizing demand response. , 2015, , .		1
20	Cloudlet Scheduling with Particle Swarm Optimization. , 2015, , .		32
21	Evaluation of Highly Reliable Cloud Computing Systems Using Non-sequential Monte Carlo Simulation. , 2014, , .		0
22	Time-of-Flight Distance Measurements Using Smart Phones. , 2014, , .		0
23	Simulating the Effects of Cloud-Based Oversubscription on Datacenter Revenues and Performance in Single and Multi-class Service Levels. , 2014, , .		7
24	Reliability and Utilization Evaluation of a Cloud Computing System Allowing Partial Failures. , 2014, , .		7
25	Strategic and suave processing for performing similarity joins using MapReduce. Journal of Supercomputing, 2014, 69, 930-954.	2.4	1
26	Intelligent state space pruning for Monte Carlo simulation with applications in composite power system reliability. Engineering Applications of Artificial Intelligence, 2013, 26, 1707-1724.	4.3	17
27	High performance computing for detection of electricity theft. International Journal of Electrical Power and Energy Systems, 2013, 47, 21-30.	3.3	94
28	MDP based optimal policy for collaborative processing using mobile cloud computing. , 2013, , .		6
29	Applications and Trends of High Performance Computing for Electric Power Systems: Focusing on Smart Grid. IEEE Transactions on Smart Grid, 2013, 4, 922-931.	6.2	117
30	Solar energy: Trends and enabling technologies. Renewable and Sustainable Energy Reviews, 2013, 19, 555-564.	8.2	331
31	Intelligent State Space Pruning with local search for power system reliability evaluation. , 2012, , .		4
32	Evaluating the impact of low discrepancy sequences on the probabilistic evaluation of composite power system reliability. , 2012, , .		2
33	Central force optimization on a GPU: a case study in high performance metaheuristics. Journal of Supercomputing, 2012, 62, 378-398.	2.4	13
34	Assessing the effect of fast charging on the battery health of Plug-In Hybrid electric vehicles. , 2012, , .		5
35	Training neural networks using Central Force Optimization and Particle Swarm Optimization: Insights and comparisons. Expert Systems With Applications, 2012, 39, 555-563.	4.4	61
36	An examination of artificial immune system optimization in intelligent state space pruning for LOLP estimation. , 2011, , .		13

#	Article	IF	Citations
37	A fuzzy adaptive comfort temperature model with grey predictor for multi-agent control system of smart building. , 2011, , .		12
38	Central Force Optimization on a GPU: A case study in high performance metaheuristics using multiple topologies. , 2011, , .		6
39	Intelligent state space pruning using multi-objective PSO for reliability analysis of composite power systems: Observations, analyses, and impacts. , 2011, , .		13
40	Evaluating the impact of Plug-in Hybrid Electric Vehicles on composite power system reliability. , 2011, , .		23
41	Intelligent and parallel state space pruning for power system reliability analysis using MPI on a multicore platform. , 2011, , .		13
42	A multi-level communication architecture of smart grid based on congestion aware wireless mesh network. , 2011, , .		13
43	Artificial immune system based intrusion detection in a distributed hierarchical network architecture of smart grid. , 2011, , .		20
44	Distributed Intrusion Detection System in a Multi-Layer Network Architecture of Smart Grids. IEEE Transactions on Smart Grid, 2011, 2, 796-808.	6.2	335
45	The impact of plug-in hybrid electric vehicles on distribution networks: A review and outlook. Renewable and Sustainable Energy Reviews, 2011, 15, 544-553.	8.2	492
46	Coding guidelines. Communications of the ACM, 2011, 54, 57-63.	3.3	84
47	Composite power system reliability evaluation using support vector machines on a multicore platform. , 2011, , .		7
48	High performance computing for electric power systems: Applications and trends. , 2011, , .		41
49	State space pruning for reliability evaluation using binary particle swarm optimization. , 2011, , .		19
50	Coding Guidelines: Finding the Art in the Science. Queue, 2011, 9, 10-22.	0.8	1
51	Aggregator analysis for efficient day-time charging of Plug-in Hybrid Electric Vehicles. , 2011, , .		9
52	Evaluation of loss of load probability for power systems using intelligent search based state space pruning. , 2010, , .		25
53	Power system reliability assessment using intelligent state space pruning techniques: A comparative study. , 2010, , .		27
54	State space pruning for power system reliability evaluation using genetic algorithms. , 2010, , .		33

#	Article	IF	Citations
55	The impact of plug-in hybrid electric vehicles on distribution networks: a review and outlook. , 2010, , .		77