George C Runger

List of Publications by Year
in descending order

34 papers	1,396 citations	623734 14 h-index	477307 29 g-index
34 all docs	34 docs citations	34 times ranked	1101 citing authors

#	Article	IF	Citations
1	How Smartphone Accelerometers Reveal Aggressive Driving Behavior?â€"The Key is the Representation. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 3377-3387.	8.0	27
2	MTBR: Multi-Target Boosting for Regression. IEEE Transactions on Knowledge and Data Engineering, 2019, , 1-1.	5.7	3
3	Matched Forest: supervised learning for high-dimensional matched caseâ€"control studies. Bioinformatics, 2019, 36, 1570-1576.	4.1	0
4	Identifying and visualizing part-to-part variation with spatially dense optical dimensional metrology data. Journal of Quality Technology, 2019, 51, 3-20.	2.5	3
5	GCRNN: Group-Constrained Convolutional Recurrent Neural Network. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4709-4718.	11.3	46
6	CRAFTER: A Tree-Ensemble Clustering Algorithm for Static Datasets with Mixed Attributes and High Dimensionality. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 1686-1696.	5.7	11
7	Distinct Variation Pattern Discovery Using Alternating Nonlinear Principal Component Analysis. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 156-166.	11.3	6
8	A data science approach for the classification of low-grade and high-grade ovarian serous carcinomas. BMC Genomics, 2018, 19, 841.	2.8	1
9	Time series representation and similarity based on local autopatterns. Data Mining and Knowledge Discovery, 2016, 30, 476-509.	3.7	115
10	Learning a symbolic representation for multivariate time series classification. Data Mining and Knowledge Discovery, 2015, 29, 400-422.	3.7	121
11	Public health surveillance with ensemble-based supervised learning. IIE Transactions, 2014, 46, 770-789.	2.1	4
12	SMT: Sparse multivariate tree. Statistical Analysis and Data Mining, 2014, 7, 53-69.	2.8	2
13	Process Monitoring Using Hidden Markov Models. Quality and Reliability Engineering International, 2014, 30, 1379-1387.	2.3	15
14	A Bag-of-Features Framework to Classify Time Series. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2013, 35, 2796-2802.	13.9	259
15	A time series forest for classification and feature extraction. Information Sciences, 2013, 239, 142-153.	6.9	360
16	An introduction to a new journal for Healthcare Systems Engineering. IIE Transactions on Healthcare Systems Engineering, 2011, 1, 1-5.	0.8	5
17	Extracting geographic knowledge from sensor intervention data using spatial association rules. , 2011, , .		2
18	Optimal multivariate bounded adjustment. IIE Transactions, 2010, 42, 746-752.	2.1	7

#	Article	IF	Citations
19	Border Security: Supplementing Human Intelligence in a Sensor Network Using Sequential Pattern Mining. , 2010, , .		0
20	Multivariate one-sided control charts. IIE Transactions, 2006, 38, 635-645.	2.1	18
21	Steady-state-optimal adaptive control charts based on variable sampling intervals. Stochastic Analysis and Applications, 2001, 19, 1025-1057.	1.5	32
22	Improving the performance of the multivariate exponentially weighted moving average control chart. Quality and Reliability Engineering International, 1999, 15, 161-166.	2.3	23
23	Multivariate statistical process monitoring and diagnosis with grouped regression-adjusted variables. Communications in Statistics Part B: Simulation and Computation, 1999, 28, 309-328.	1.2	52
24	Adaptive controllers to integrate SPC and EPC. Communications in Statistics Part B: Simulation and Computation, 1999, 28, 13-36.	1.2	14
25	Title is missing!. IIE Transactions, 1998, 30, 235-245.	2.1	0
26	Run-to-run control charts with contrasts. Quality and Reliability Engineering International, 1998, 14, 261-272.	2.3	8
27	A methodology for formulating, formalizing, validating, and evaluating a real-time process control advisor. IIE Transactions, 1998, 30, 235-245.	2.1	1
28	BIT ERROR RATES FROM SAMPLE TESTING SURFACE AREAS OF OPTICAL MEDIA. Quality Engineering, 1997, 9, 363-366.	1.1	0
29	MULTIVARIATE AND UNIVARIATE PROCESS CONTROL: GEOMETRY AND SHIFT DIRECTIONS. Quality and Reliability Engineering International, 1997, 13, 153-158.	2.3	16
30	Confidence intervals for variance components from gauge capability studies. Quality and Reliability Engineering International, 1997, 13, 361-369.	2.3	25
31	Confidence intervals for variance components from gauge capability studies. Quality and Reliability Engineering International, 1997, 13, 361-369.	2.3	1
32	A Markov Chain Model for the Multivariate Exponentially Weighted Moving Averages Control Chart. Journal of the American Statistical Association, 1996, 91, 1701-1706.	3.1	133
33	FEEDBACK CONTROL AND STATISTICAL PROCESS MONITORING. International Journal of Reliability, Quality and Safety Engineering, 1996, 03, 231-241.	0.6	4
34	A Markov Chain Model for the Multivariate Exponentially Weighted Moving Averages Control Chart. Journal of the American Statistical Association, 1996, 91, 1701.	3.1	82