Jeh-Nan Pan

List of Publications by Year
in descending order

14 papers	266 citations	1040056 9 h-index	1125743 13 g-index
14 all docs	14 docs citations	14 times ranked	227 citing authors

#	Article	IF	Citations
1	Evaluating environmental performance using statistical process control techniques. European Journal of Operational Research, 2002, 139, 68-83.	5.7	76
2	New capability indices for evaluating the performance of multivariate manufacturing processes. Quality and Reliability Engineering International, 2010, 26, 3-15.	2.3	55
3	Monitoring long€memory air quality data using ARFIMA model. Environmetrics, 2008, 19, 209-219.	1.4	33
4	New capability indices for measuring the performance of a multidimensional machining process. Expert Systems With Applications, 2014, 41, 2409-2414.	7.6	18
5	Developing New Multivariate Process Capability Indices for Autocorrelated Data. Quality and Reliability Engineering International, 2015, 31, 431-444.	2.3	14
6	Monitoring nonlinear profile data using support vector regression method. Quality and Reliability Engineering International, 2019, 35, 127-135.	2.3	14
7	A loss-function based approach for evaluating reliability improvement of an engineering design. Expert Systems With Applications, 2013, 40, 5703-5708.	7.6	11
8	A new approach to detecting the process changes for multistage systems. Expert Systems With Applications, 2016, 62, 293-301.	7.6	11
9	Determining the optimal allocation of parameters for multivariate measurement system analysis. Expert Systems With Applications, 2015, 42, 7036-7045.	7.6	10
10	Detecting the process changes for multivariate nonlinear profile data. Quality and Reliability Engineering International, 2019, 35, 1890-1910.	2.3	9
11	New robust estimators for detecting non-random patterns in multivariate control charts: a simulation approach. Journal of Statistical Computation and Simulation, 2011, 81, 289-300.	1.2	6
12	New multivariate process capability indices for measuring the performance of multivariate processes subject to non-normal distributions. International Journal of Quality and Reliability Management, 2016, 33, 42-61.	2.0	6
13	Determining Optimal Number of Samples for Constructing Multivariate Control Charts. Communications in Statistics Part B: Simulation and Computation, 2011, 40, 216-228.	1.2	3
14	Sample size determination for estimating multivariate process capability indices based on lower confidence limits. Journal of Applied Statistics, 2012, 39, 1911-1920.	1.3	0