

Costa, N

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

403
citations

9
h-index

20
g-index

26
ext. papers

473
ext. citations

1.9
avg, IF

3.8
L-index

#	Paper	IF	Citations
24	Desirability function approach: A review and performance evaluation in adverse conditions. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2011 , 107, 234-244	3.8	212
23	Simultaneous Optimization of Mean and Standard Deviation. <i>Quality Engineering</i> , 2010 , 22, 140-149	1.4	33
22	Guidelines to help practitioners of design of experiments. <i>The TQM Journal</i> , 2006 , 18, 386-399		25
21	Multiple response optimization: a global criterion-based method. <i>Journal of Chemometrics</i> , 2010 , 24, 333-342	1.6	24
20	Multiresponse Optimization and Pareto Frontiers. <i>Quality and Reliability Engineering International</i> , 2012 , 28, 701-712	2.6	20
19	Decision-Making in the Analysis of Unreplicated Factorial Designs. <i>Quality Engineering</i> , 2007 , 19, 215-225	1.4	14
18	Responses modeling and optimization criteria impact on the optimization of multiple quality characteristics. <i>Computers and Industrial Engineering</i> , 2012 , 62, 927-935	6.4	13
17	Gaussian Process Model – An Exploratory Study in the Response Surface Methodology. <i>Quality and Reliability Engineering International</i> , 2016 , 32, 2367-2380	2.6	12
16	Experimental design selection: guidelines for practitioners. <i>International Journal of Productivity and Quality Management</i> , 2009 , 4, 283	0.3	11
15	A comparative study of multiresponse optimization criteria working ability. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2014 , 138, 171-177	3.8	8
14	Multiresponse problems: desirability and other optimization approaches. <i>Journal of Chemometrics</i> , 2016 , 30, 702-714	1.6	6
13	Using a multiple response optimization approach to optimize the coefficient of performance. <i>Applied Thermal Engineering</i> , 2016 , 96, 137-143	5.8	6
12	Reproducibility of nondominated solutions. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2017 , 168, 1-9	3.8	5
11	Multiple response optimisation: methods and results. <i>International Journal of Industrial and Systems Engineering</i> , 2010 , 5, 442	0.4	5
10	Applying design of experiments to a compression refrigeration cycle. <i>Cogent Engineering</i> , 2015 , 2, 992216	1.5	2
9	On the selection of significant variables from unreplicated factorial designs. <i>International Journal of Productivity and Quality Management</i> , 2013 , 12, 161	0.3	2
8	Computer experiments: application to the case of a recovery boiler. <i>International Journal of Productivity and Quality Management</i> , 2009 , 4, 418	0.3	2

7	Energy-Efficiency Assessment and Improvement Experiments and Analysis Methods. <i>Sustainability</i> , 2020 , 12, 7603	3.6	1
6	Assessing Response Bias, Quality of Predictions, and Robustness in Multiresponse Problems. <i>Lecture Notes in Electrical Engineering</i> , 2011 , 445-457	0.2	1
5	Design of experiments to overcome hindrances and bad practices. <i>TQM Journal</i> , 2019 , 31, 772-789	3.4	1
4	Exploring Pareto Frontiers in the Response Surface Methodology 2015 , 399-412		0
3	Responses Prediction Standard Error Analysis in Pareto Solutions. <i>MATEC Web of Conferences</i> , 2017 , 108, 10007	0.3	
2	On the generation and selection of solutions to multiple response problems. <i>International Journal of Industrial and Systems Engineering</i> , 2015 , 20, 437	0.4	
1	Simulation of real-life situations in multiresponse problems: a contribution to criteria evaluation in the RSM framework. <i>International Journal of Operational Research</i> , 2015 , 23, 15	0.9	