

Costa, N

List of Publications by Year in descending order

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26
papers

558
citations

840119

11
h-index

676716

22
g-index

26
all docs

26
docs citations

26
times ranked

563
citing authors

#	ARTICLE	IF	CITATIONS
1	Desirability function approach: A review and performance evaluation in adverse conditions. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2011, 107, 234-244.	1.8	290
2	Simultaneous Optimization of Mean and Standard Deviation. <i>Quality Engineering</i> , 2010, 22, 140-149.	0.7	43
3	Guidelines to help practitioners of design of experiments. <i>The TQM Journal</i> , 2006, 18, 386-399.	0.9	30
4	Multiresponse Optimization and Pareto Frontiers. <i>Quality and Reliability Engineering International</i> , 2012, 28, 701-712.	1.4	28
5	Multiple response optimization: a global criterion-based method. <i>Journal of Chemometrics</i> , 2010, 24, 333-342.	0.7	27
6	Gaussian Process Model " An Exploratory Study in the Response Surface Methodology. <i>Quality and Reliability Engineering International</i> , 2016, 32, 2367-2380.	1.4	20
7	Responses modeling and optimization criteria impact on the optimization of multiple quality characteristics. <i>Computers and Industrial Engineering</i> , 2012, 62, 927-935.	3.4	16
8	Decision-Making in the Analysis of Unreplicated Factorial Designs. <i>Quality Engineering</i> , 2007, 19, 215-225.	0.7	14
9	Experimental design selection: guidelines for practitioners. <i>International Journal of Productivity and Quality Management</i> , 2009, 4, 283.	0.1	13
10	A comparative study of multiresponse optimization criteria working ability. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2014, 138, 171-177.	1.8	12
11	Multiresponse problems: desirability and other optimization approaches. <i>Journal of Chemometrics</i> , 2016, 30, 702-714.	0.7	12
12	Using a multiple response optimization approach to optimize the coefficient of performance. <i>Applied Thermal Engineering</i> , 2016, 96, 137-143.	3.0	10
13	Reproducibility of nondominated solutions. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2017, 168, 1-9.	1.8	10
14	Multiple response optimisation: methods and results. <i>International Journal of Industrial and Systems Engineering</i> , 2010, 5, 442.	0.1	7
15	Design of experiments " overcome hindrances and bad practices. <i>TQM Journal</i> , 2019, 31, 772-789.	2.1	7
16	Exploring Pareto Frontiers in the Response Surface Methodology. , 2015, , 399-412.		5
17	On the selection of significant variables from unreplicated factorial designs. <i>International Journal of Productivity and Quality Management</i> , 2013, 12, 161.	0.1	4
18	Computer experiments: application to the case of a recovery boiler. <i>International Journal of Productivity and Quality Management</i> , 2009, 4, 418.	0.1	2

#	ARTICLE	IF	CITATIONS
19	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.	0.1	2
20	Applying design of experiments to a compression refrigeration cycle. <i>Cogent Engineering</i> , 2015, 2, 992216.	1.1	2
21	Energy-Efficiency Assessment and Improvement—Experiments and Analysis Methods. <i>Sustainability</i> , 2020, 12, 7603.	1.6	2
22	Responses—™ Prediction Standard Error Analysis in Pareto Solutions. <i>MATEC Web of Conferences</i> , 2017, 108, 10007.	0.1	1
23	Assessing Response—™s Bias, Quality of Predictions, and Robustness in Multiresponse Problems. <i>Lecture Notes in Electrical Engineering</i> , 2011, , 445-457.	0.3	1
24	On the generation and selection of solutions to multiple response problems. <i>International Journal of Industrial and Systems Engineering</i> , 2015, 20, 437.	0.1	0
25	OPTIMIZATION OF THE MEAN AND STANDARD DEVIATION OF MULTIPLE RESPONSES. , 2012, , .		0
26	Worst-case Responses Estimate Impact on Pareto Front. <i>DEStech Transactions on Engineering and Technology Research</i> , 2017, , .	0.0	0