Gulser Koksal

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1422204/publications.pdf

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28	804	932766 10	525886 27
papers	citations	h-index	g-index

30	30	30	763
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Product-line planning under uncertainty. Computers and Operations Research, 2022, 138, 105565.	2.4	1
2	A method for robust design of products or processes with categorical response. Quality Engineering, 2021, 33, 474-486.	0.7	2
3	Generalized desirability functions: a structural and topological analysis of desirability functions. Optimization, 2020, 69, 115-130.	1.0	10
4	Representing preferences by Choquet integral: Guidelines to specify the capacity type. Decision Science Letters, 2020, , 387-408.	0.5	2
5	Nonconvex optimization of desirability functions. Quality Engineering, 2018, 30, 293-310.	0.7	11
6	Effective use of quality function deployment and Kansei engineering for product planning with sensory customer requirements: A plain yogurt case. Quality Engineering, 2018, 30, 569-582.	0.7	19
7	Optimization of generalized desirability functions under model uncertainty. Optimization, 2017, 66, 2157-2169.	1.0	9
8	Interactive and nonparametric modeling of preferences on an ordinal scale using small data. Expert Systems With Applications, 2016, 65, 345-360.	4.4	3
9	Desirability Functions in Multiresponse Optimization. Communications in Computer and Information Science, 2015, , 129-146.	0.4	7
10	The effect of inspection error on quality and producer losses: the case of nominal-the-best type quality characteristic and rework. European Journal of Industrial Engineering, 2013, 7, 497.	0.5	9
11	CMARS: a new contribution to nonparametric regression with multivariate adaptive regression splines supported by continuous optimization. Inverse Problems in Science and Engineering, 2012, 20, 371-400.	1.2	121
12	A review of data mining applications for quality improvement in manufacturing industry. Expert Systems With Applications, 2011, 38, 13448-13467.	4.4	327
13	OPTIMIZATION OF DESIRABILITY FUNCTIONS AS A DNLP MODEL BY GAMSâˆ•BARON. , 2010, , .		1
14	EVALUATING THE CMARS PERFORMANCE FOR MODELING NON-LINEARITIES. AIP Conference Proceedings, 2010, , .	0.3	3
15	Classification models based on Tanakaâ€™s fuzzy linear regression approach: The case of customer satisfaction modeling. Journal of Intelligent and Fuzzy Systems, 2010, 21, 341-351.	0.8	21
16	Determination of optimal product styles by ordinal logistic regression versus conjoint analysis for kitchen faucets. International Journal of Industrial Ergonomics, 2009, 39, 866-875.	1.5	64
17	The effect of Phase I sample size on the run length performance of control charts for autocorrelated data. Journal of Applied Statistics, 2008, 35, 67-87.	0.6	11
18	Out-the-window scene properties in pc-based helicopter simulators. , 2006, 6226, 260.		1

#	Article	IF	Citations
19	The Relative Efficiency of Departments at a Turkish Engineering College: A Data Envelopment Analysis. Higher Education, 2006, 51, 173-189.	2.8	38
20	Extraction of lithium from boron clays by using natural and waste materials and statistical modelling to achieve cost reduction. Minerals Engineering, 2006, 19, 515-517.	1.8	13
21	An attempt to minimize the cost of extracting lithium from boron clays through robust process design. Clays and Clay Minerals, 2005, 53, 301-309.	0.6	7
22	A team performance measurement model for continuous improvement. Total Quality Management and Business Excellence, 2005, 16, 331-349.	2.4	13
23	Selecting quality improvement projects and product mix together in manufacturing: an improvement of a theory of constraints-based approach by incorporating quality loss. International Journal of Production Research, 2004, 42, 5009-5029.	4.9	13
24	Statistical tolerancing using designed experiments in a noisy environment. Computers and Industrial Engineering, 2003, 44, 515-526.	3.4	1
25	An Academic Performance Measurement System and its Impact on Quality of Engineering Faculty Work at Middle East Technical University. Assessment and Evaluation in Higher Education, 2003, 28, 251-262.	3.9	7
26	Design of economical noise array experiments for a partially controlled simulation environment. Computers and Industrial Engineering, 1998, 35, 555-558.	3.4	1
27	Planning and design of industrial engineering education quality. Computers and Industrial Engineering, 1998, 35, 639-642.	3.4	74
28	A case study in off-line quality control: characterisation and optimisation of batch dyeing process design. International Journal of Technology Management, 1998, 16, 358.	0.2	6