

Gulser Koksal

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

804
citations

932766

10
h-index

525886

27
g-index

30
all docs

30
docs citations

30
times ranked

763
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of data mining applications for quality improvement in manufacturing industry. <i>Expert Systems With Applications</i> , 2011, 38, 13448-13467.	4.4	327
2	CMARS: a new contribution to nonparametric regression with multivariate adaptive regression splines supported by continuous optimization. <i>Inverse Problems in Science and Engineering</i> , 2012, 20, 371-400.	1.2	121
3	Planning and design of industrial engineering education quality. <i>Computers and Industrial Engineering</i> , 1998, 35, 639-642.	3.4	74
4	Determination of optimal product styles by ordinal logistic regression versus conjoint analysis for kitchen faucets. <i>International Journal of Industrial Ergonomics</i> , 2009, 39, 866-875.	1.5	64
5	The Relative Efficiency of Departments at a Turkish Engineering College: A Data Envelopment Analysis. <i>Higher Education</i> , 2006, 51, 173-189.	2.8	38
6	Classification models based on Tanaka's fuzzy linear regression approach: The case of customer satisfaction modeling. <i>Journal of Intelligent and Fuzzy Systems</i> , 2010, 21, 341-351.	0.8	21
7	Effective use of quality function deployment and Kansei engineering for product planning with sensory customer requirements: A plain yogurt case. <i>Quality Engineering</i> , 2018, 30, 569-582.	0.7	19
8	Selecting quality improvement projects and product mix together in manufacturing: an improvement of a theory of constraints-based approach by incorporating quality loss. <i>International Journal of Production Research</i> , 2004, 42, 5009-5029.	4.9	13
9	A team performance measurement model for continuous improvement. <i>Total Quality Management and Business Excellence</i> , 2005, 16, 331-349.	2.4	13
10	Extraction of lithium from boron clays by using natural and waste materials and statistical modelling to achieve cost reduction. <i>Minerals Engineering</i> , 2006, 19, 515-517.	1.8	13
11	The effect of Phase I sample size on the run length performance of control charts for autocorrelated data. <i>Journal of Applied Statistics</i> , 2008, 35, 67-87.	0.6	11
12	Nonconvex optimization of desirability functions. <i>Quality Engineering</i> , 2018, 30, 293-310.	0.7	11
13	Generalized desirability functions: a structural and topological analysis of desirability functions. <i>Optimization</i> , 2020, 69, 115-130.	1.0	10
14	The effect of inspection error on quality and producer losses: the case of nominal-the-best type quality characteristic and rework. <i>European Journal of Industrial Engineering</i> , 2013, 7, 497.	0.5	9
15	Optimization of generalized desirability functions under model uncertainty. <i>Optimization</i> , 2017, 66, 2157-2169.	1.0	9
16	An Academic Performance Measurement System and its Impact on Quality of Engineering Faculty Work at Middle East Technical University. <i>Assessment and Evaluation in Higher Education</i> , 2003, 28, 251-262.	3.9	7
17	An attempt to minimize the cost of extracting lithium from boron clays through robust process design. <i>Clays and Clay Minerals</i> , 2005, 53, 301-309.	0.6	7
18	Desirability Functions in Multiresponse Optimization. <i>Communications in Computer and Information Science</i> , 2015, , 129-146.	0.4	7

#	ARTICLE	IF	CITATIONS
19	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
20	EVALUATING THE CMARS PERFORMANCE FOR MODELING NON-LINEARITIES. AIP Conference Proceedings, 2010, , .	0.3	3
21	Interactive and nonparametric modeling of preferences on an ordinal scale using small data. Expert Systems With Applications, 2016, 65, 345-360.	4.4	3
22	A method for robust design of products or processes with categorical response. Quality Engineering, 2021, 33, 474-486.	0.7	2
23	Representing preferences by Choquet integral: Guidelines to specify the capacity type. Decision Science Letters, 2020, , 387-408.	0.5	2
24	Design of economical noise array experiments for a partially controlled simulation environment. Computers and Industrial Engineering, 1998, 35, 555-558.	3.4	1
25	Statistical tolerancing using designed experiments in a noisy environment. Computers and Industrial Engineering, 2003, 44, 515-526.	3.4	1
26	Out-the-window scene properties in pc-based helicopter simulators. , 2006, 6226, 260.		1
27	OPTIMIZATION OF DESIRABILITY FUNCTIONS AS A DNLP MODEL BY GAMSâ•BARON. , 2010, , .		1
28	Product-line planning under uncertainty. Computers and Operations Research, 2022, 138, 105565.	2.4	1