Anna Patricia RodrÃguez-PicÃ³n

List of Publications by Year
in descending order

28 papers	**290** citations	933447 **10** h-index	888059 **17** g-index
29 all docs	**29** docs citations	**29** times ranked	**350** citing authors

#	ARTICLE	IF	CITATIONS
1	MOORA under Pythagorean Fuzzy Set for Multiple Criteria Decision Making. Complexity, 2018, 2018, 1-10.	1.6	70
2	Using regression models for predicting the product quality in a tubing extrusion process. Journal of Intelligent Manufacturing, 2019, 30, 2535-2544.	7.3	53
3	Reliability analysis for electronic devices using betaâ€Weibull distribution. Quality and Reliability Engineering International, 2017, 33, 2521-2530.	2.3	26
4	Bivariate degradation modelling with marginal heterogeneous stochastic processes. Journal of Statistical Computation and Simulation, 2017, 87, 2207-2226.	1.2	15
5	CODAS HFLTS Method to Appraise Organizational Culture of Innovation and Complex Technological Changes Environments. Sustainability, 2019, 11, 7045.	3.2	14
6	Degradation modeling of 2 fatigueâ€crack growth characteristics based on inverse Gaussian processes: A case study. Applied Stochastic Models in Business and Industry, 2019, 35, 504-521.	1.5	14
7	Degradation modeling based on gamma process models with random effects. Communications in Statistics Part B: Simulation and Computation, 2017, , 0-0.	1.2	13
8	Reliability analysis using exponentiated Weibull distribution and inverse power law. Quality and Reliability Engineering International, 2019, 35, 1219-1230.	2.3	12
9	Reliability Estimation for Accelerated Life Tests Based on a Cox Proportional Hazard Model with Error Effect. Quality and Reliability Engineering International, 2017, 33, 1407-1416.	2.3	11
10	Reliability Estimation for Products Subjected to Twoâ€Stage Degradation Tests Based on a Gamma Convolution. Quality and Reliability Engineering International, 2016, 32, 2901-2908.	2.3	10
11	Reliability assessment for systems with two performance characteristics based on gamma processes with marginal heterogeneous random eï¬€ects. Eksploatacja I Niezawodnosc, 2016, 19, 8-18.	2.0	9
12	Multi-objective optimization of an engine mount design by means of memetic genetic programming and a local exploration approach. Journal of Intelligent Manufacturing, 2020, 31, 19-32.	7.3	7
13	A Deconvolution Approach for Degradation Modeling With Measurement Error. IEEE Access, 2019, 7, 143899-143911.	4.2	6
14	Stochastic modelling of the temperature increase in metal stampings with multiple stress variables and random effects for reliability assessment. Eksploatacja I Niezawodnosc, 2019, 21, 654-661.	2.0	6
15	Modelling degradation with multiple accelerated processes. Quality Technology and Quantitative Management, 2016, 13, 333-354.	1.9	4
16	The alpha power Weibull transformation distribution applied to describe the behavior of electronic devices under voltage stress profile. Quality Technology and Quantitative Management, 2022, 19, 692-721.	1.9	4
17	Analysis of the mechanical properties of wood-plastic composites based on agriculture Chili pepper waste. Maderas: Ciencia Y Tecnologia, 2016, , 0-0.	0.7	3
18	Estimation of a log-linear model for the reliability assessment of products under two stress variables. International Journal of Systems Assurance Engineering and Management, 2017, 8, 1026-1040.	2.4	3

#	Article	IF	Citations
19	An uncertainty approach for optimization of production parameters—a case study in an extrusion molding process. International Journal of Advanced Manufacturing Technology, 2017, 90, 167-176.	3.0	3
20	Optimization of production parameters based on a two-stage information content approach—a case study. International Journal of Advanced Manufacturing Technology, 2017, 88, 2019-2027.	3.0	2
21	Reliability analysis for DC motors under voltage step-stress scenario. Electrical Engineering, 2020, 102, 1433-1440.	2.0	2
22	Wood chile peppers stalks-plastic composite production. Maderas: Ciencia Y Tecnologia, 2016, , 0-0.	0.7	1
23	Process capability index for AC transformer under electrical harmonics. Electrical Engineering, 2018, 100, 347-353.	2.0	1
24	Capability indices for circular tolerance regions based on a Gaussian copula. International Journal of Advanced Manufacturing Technology, 2019, 104, 4143-4153.	3.0	1
25	Comparación de métodos de optimización para un experimento con múltiples variables de respuesta. Cultura Científica Y Tecnológica, 2021, 18, 1-10.	0.0	0
26	Reliability Analysis Based on a Gamma-Gaussian Deconvolution Degradation Modeling with Measurement Error. Applied Sciences (Switzerland), 2021, 11, 4133.	2.5	0
27	Diseño de experimentos para optimizar resistencia e índices de capacidad de un fusible. Cultura Científica Y Tecnológica, 2020, 17, 1-9.	0.0	0
28	A study of the Inverse Gaussian Process with hazard rate functions-based drifts applied to degradation modelling. Eksploatacja I Niezawodnosc, 2022, 24, 590-602.	2.0	0