Luis BarberÃ¡

List of Publications by Year
in descending order

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28 papers	238 citations	1306789 7 h-index	996533 15 g-index
31 all docs	31 docs citations	31 times ranked	183 citing authors

#	Article	IF	Citations
1	Value Assessment of e-Maintenance Platforms. , 2018, , 371-385.		1
2	AHP Method According to a Changing Environment. , 2018, , 167-189.		1
3	Expected Impact Quantification Based on Reliability Assessment. , 2018, , 413-435.		0
4	Influence of the Input Load on the Reliability of the Grinding Line. , 2018, , 437-454.		0
5	Case Study of Graphical Analysis for Maintenance Management. , 2018, , 331-348.		0
6	Biomethanation plant assessment based on reliability impact on operational effectiveness. Renewable Energy, 2017, 101, 301-310.	4.3	7
7	Graphical Techniques and Methods. Advances in Logistics, Operations, and Management Science Book Series, 2017, , 83-95.	0.3	0
8	Graphical Analysis for Operation Management: A Graphical Method to Support Operation Decision Making. Quality and Reliability Engineering International, 2016, 32, 2299-2311.	1.4	5
9	Expected impact quantificationâ€“based reliability assessment methodology for Chilean copper smelting process: A case study. Advances in Mechanical Engineering, 2016, 8, 168781401667484.	0.8	4
10	Modelling the repair warranty of an industrial asset using a non-homogeneous Poisson process and a general renewal process. IMA Journal of Management Mathematics, 2015, 26, 171-183.	1.1	8
11	A Case Study of GAMM (Graphical Analysis for Maintenance Management) Applied to Water Pumps in a Sewage Treatment Plant, Chile. Quality and Reliability Engineering International, 2014, 30, 1473-1480.	1.4	4
12	Value-driven engineering of E-maintenance platforms. Journal of Manufacturing Technology Management, 2014, 25, 568-598.	3.3	27
13	Dynamic analytic hierarchy process: AHP method adapted to a changing environment. Journal of Manufacturing Technology Management, 2014, 25, 457-475.	3.3	20
14	A case study of GAMM (graphical analysis for maintenance management) in the mining industry. Reliability Engineering and System Safety, 2014, 121, 113-120.	5.1	11
15	INFLUENCIA DE LA CARGA DE ALIMENTACIÃ“N EN LA FIABILIDAD DE LÃNEAS DE MOLIENDA. CASO DE ESTUDIO. Dyna (Spain), 2014, 89, 560-568.	0.1	2
16	The Graphical Analysis for Maintenance Management Method: A Quantitative Graphical Analysis to Support Maintenance Management Decision Making. Quality and Reliability Engineering International, 2013, 29, 77-87.	1.4	29
17	Propuesta de un modelo de gestiÃ³n de mantenimiento y sus principales herramientas de apoyo. Ingeniare, 2013, 21, 125-138.	0.1	8
18	Contractual and quality aspects on warranty. International Journal of Quality and Reliability Management, 2012, 29, 320-348.	1.3	18

#	Article	IF	Citations
19	Methodological proposal for problem resolution in industrial activities based on failure mode analysis. Case applied in the cellulose industry, Chile. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 121-126.	0.4	0
20	A case study of GAMM (Graphical Analysis for Maintenance Management) applied to water pumps in a sewage treatment plant, Chile. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 157-162.	0.4	1
21	RAM analysis of mining process: a case study of a Copper Smelting Process in the field of mining, Chile. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 217-222.	0.4	3
22	NHPP APPLIED TO THE REPAIR WARRANTY OF AN INDUSTRIAL ASSET. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 223-227.	0.4	0
23	Value assessment of an E-maintenance platform. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 145-150.	0.4	6
24	FUNCTIONAL STOCKPILE ANALYSIS IN COMPLEX PRODUCTIVE SYSTEMS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 13-18.	0.4	5
25	Advanced model for maintenance management in a continuous improvement cycle: integration into the business strategy. International Journal of Systems Assurance Engineering and Management, 2012, 3, 47-63.	1.5	40
26	A practical method for the maintainability assessment in industrial devices using indicators and specific attributes. Reliability Engineering and System Safety, 2012, 100, 84-92.	5.1	31
27	CÃŁCULO DEL PERÃODO DE GARANTÃA TRAS LA REPARACIÃ“N DE UN ACTIVO INDUSTRIAL COMPLEJO, APLICANDO PROCESOS DE POISSON NO HOMOGÃ‰NEOS. Dyna (Spain), 2012, 87, 655-662.	0.1	1
28	Practical application of a RAMS analysis for the improvement of the warranty management. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 50-55.	0.4	1