MarÃ-a del Mar Espinosa Escudero

List of Publications by Year
in descending order

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43 papers	471 citations	1163117 8 h-index	713466 21 g-index
45 all docs	45 docs citations	45 times ranked	528 citing authors

#	Article	IF	Citations
1	Additive Manufacturing Technologies: An Overview about 3D Printing Methods and Future Prospects. Complexity, 2019, 2019, 1-30.	1.6	199
2	5S methodology implementation in the laboratories of an industrial engineering university school. Safety Science, 2015, 78, 163-172.	4.9	59
3	Rapid Prototyping in Humanitarian Aid To Manufacture Last Mile Vehicles Spare Parts: An Implementation Plan. Human Factors and Ergonomics in Manufacturing, 2016, 26, 533-540.	2.7	31
4	Additive Manufacturing and Performance of Functional Hydraulic Pump Impellers in Fused Deposition Modeling Technology. Journal of Mechanical Design, Transactions of the ASME, 2016, 138, .	2.9	30
5	Bricking: A New Slicing Method to Reduce Warping. Procedia Engineering, 2015, 132, 126-131.	1.2	29
6	Extension of the Lean 5S Methodology to 6S with An Additional Layer to Ensure Occupational Safety and Health Levels. Sustainability, 2019, 11, 3827.	3.2	23
7	Rapid prototyping model for the manufacturing by thermoforming of occlusal splints. Rapid Prototyping Journal, 2015, 21, 56-69.	3.2	14
8	Applying kaizen to the schedule in a concurrent environment. Production Planning and Control, 2019, 30, 624-638.	8.8	9
9	ImpresiÃ³n 3D de maquetas y prototipos en arquitectura y construcciÃ³n. Revista De La Construccion, 2013, 12, 39-53.	0.5	9
10	New Design for Rapid Prototyping of Digital Master Casts for Multiple Dental Implant Restorations. PLoS ONE, 2015, 10, e0145253.	2.5	8
11	Assessment on the use of additive manufacturing technologies for acoustic applications. International Journal of Advanced Manufacturing Technology, 2020, 109, 2691-2705.	3.0	7
12	Application of Lean 6s Methodology in an Engineering Education Environment during the SARS-CoV-2 Pandemic. International Journal of Environmental Research and Public Health, 2020, 17, 9407.	2.6	7
13	Characterization of the resistance to abrasive chemical agents of test specimens of thermoplastic elastomeric polyurethane composite materials produced by additive manufacturing. Journal of Applied Polymer Science, 2021, 138, 50791.	2.6	7
14	THE ROLE OF SKETCHING IN ENGINEERING DESIGN AND ITS PRESENCE ON ENGINEERING EDUCATION. INTED Proceedings, 2016, , .	0.0	7
15	An optimization design proposal of automated guided vehicles for mixed type transportation in hospital environments. PLoS ONE, 2017, 12, e0177944.	2.5	6
16	AVANCES EN REPRAP: IMPRESIÃ“N 3D DE CÃ“DIGO ABIERTO. Dyna (Spain), 2014, 89, 34-38.	0.2	4
17	Lean 6S in Food Production: HACCP as a Benchmark for the Sixth S â€œSafetyâ€• Sustainability, 2021, 13, 12577.	3.2	4
18	Adaptation of the Lean 6S Methodology in an Industrial Environment under Sustainability and Industry 4.0 Criteria. Sustainability, 2021, 13, 12449.	3.2	3

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19	CREATIVITY AND ENGINEERING EDUCATION: A SURVEY OF APPROACHES AND CURRENT STATE. , 2016, , .		2
20	LA GESTIÃ“N ÃGIL Y CONCURRENTE DE PROYECTOS CON INCERTIDUMBRE. Dyna (Spain), 2017, 92, 16-17.	0.2	2
21	CRONOGRAMAS PARA TOMA DE DECISIONES ÃGILES EN ENTORNOS CONCURRENTES CON INCERTIDUMBRE. Dyna Management, 2016, 4, [11 p.]-[11 p.].	0.1	2
22	OPORTUNIDADES DE LA FABRICACIÃ“N ADITIVA PARA OPTIMIZAR EL DISEÃ‘O DE PRODUCTOS. Dyna (Spain), 2016, 91, 263-271.	0.2	2
23	SPANISH ENGINEERING GRAPHIC EXPRESSION SUBJECTS AND ITS RELATION TO CREATIVITY COMPETENCE. , 2017, , .		2
24	EscÃ¡neres Ã³pticos 3D de mano en ingenierÃa inversa. Proyecta 56, 2021, , 8-19.	0.2	1
25	From Lean 5S to 7S Methodology Implementing Corporate Social Responsibility Concept. Sustainability, 2021, 13, 10810.	3.2	1
26	VISUAL LITERACY AS A STRATEGY FOR FOSTERING CREATIVITY IN ENGINEERING EDUCATION. , 2016, , .		1
27	CREATIVITY IN THE FORMATIVE CURRICULUM OF OUR INDUSTRIAL ENGINEERS. , 2018, , .		1
28	Azara: A New 32 bit RepRap with Improved Performance. Procedia Engineering, 2015, 132, 118-125.	1.2	0
29	ASSESSMENT OF ASSEMBLY PROCEDURES IN FUSED DEPOSITION MODELLING PARTS. Dyna (Spain), 2021, 96, 39-43.	0.2	0
30	APLICACIONES DE ENTORNOS DE REALIDAD MIXTA EN EL DISEÃ‘O Y FABRICACIÃ“N DE PRODUCTOS. Dyna (Spain), 2014, 89, 382-386.	0.2	0
31	MÃ‰TODOS Y RECURSOS EMPLEADOS EN EL PROCESO DE DISEÃ‘O CONCEPTUAL: RESULTADOS DE UN ESTUDIO EMPÃRICO. Dyna (Spain), 2015, 90, 380-385.	0.2	0
32	TRAINING DEFICIENCIES IN SECONDARY SCHOOL: CAUSES OF DEMOTIVATION AND PREMATURE ABANDONMENT OF UNIVERSITY STUDENTS. , 2018, , .		0
33	REVISIÃ“N DE LAS EXPECTATIVAS Y LA REALIDAD EN TÃ‰CNICAS DE FABRICACIÃ“N ADITIVA. Dyna New Technologies, 2019, 6, [9 p.]-[9 p.].	0.1	0
34	DIBTRIP, A TECHNICAL DRAWING LEARNING GAME, BASED ON THE VETTRIP METHODOLOGY, FOR A ZERO COURSE TO ACCESS THE UNIVERSITY. , 2019, , .		0
35	ERASMUS+ AT A DISTANCE UNIVERSITY. AN ALTERNATIVE WITH MANY POSSIBILITIES. , 2019, , .		0
36	REALITY VERSUS EXPECTATIONS IN CURRENT 3D PRINT. Dyna (Spain), 2020, 95, 128-128.	0.2	0

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37	SUSTAINABLE DESIGN IN 3D PRINTING: STATE OF THE ART. Dyna (Spain), 2020, 95, 425-429.	0.2	0
38	COLLABORATIVE ENGINEERING TOOLS FOR DISTANCE LEARNING IN TELEMATICS WORKSHOPS. , 2020, , .		0
39	TRAINING IN TECHNICAL DRAWING IN THE FIELD OF INDUSTRIAL ENGINEERING. , 2020, , .		0
40	DISTANCE TRAINING IN 3D PRINTING TECHNIQUES IN MEDICINE AND HEALTH. , 2020, , .		0
41	COLLABORATIVE ENGINEERING AND ITS IMPLICATION IN THE ORGANIZATIONAL ENGAGEMENT IN THE INDUSTRIAL SECTOR. Dyna (Spain), 2022, 97, 14-17.	0.2	0
42	DISTANCE TRAINING IN LEAN-6S AND HACCP IN EDUCATIONAL FOOD SECTOR. INTED Proceedings, 2022, , .	0.0	0
43	COLLABORATIVE ENGINEERING AS AN ACTIVE METHODOLOGY IN THE TEACHING-LEARNING PROCESS. INTED Proceedings, 2022, , .	0.0	0