

Manel Alcalá

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

791
citations

687220

13
h-index

839398

18
g-index

38
all docs

38
docs citations

38
times ranked

857
citing authors

#	ARTICLE	IF	CITATIONS
1	NANOFIBRILLATED CELLULOSE AS PAPER ADDITIVE IN EUCALYPTUS PULPS. <i>BioResources</i> , 2012, 7, .	0.5	155
2	From paper to nanopaper: evolution of mechanical and physical properties. <i>Cellulose</i> , 2014, 21, 2599-2609.	2.4	118
3	The key role of lignin in the production of low-cost lignocellulosic nanofibres for papermaking applications. <i>Industrial Crops and Products</i> , 2016, 86, 295-300.	2.5	101
4	Effect of the combination of biobeating and NFC on the physico-mechanical properties of paper. <i>Cellulose</i> , 2013, 20, 1425-1435.	2.4	76
5	Approaching a Low-Cost Production of Cellulose Nanofibers for Papermaking Applications. <i>BioResources</i> , 2015, 10, .	0.5	66
6	Study on the technical feasibility of replacing glass fibers by old newspaper recycled fibers as polypropylene reinforcement. <i>Journal of Cleaner Production</i> , 2014, 65, 489-496.	4.6	60
7	All-cellulose composites from unbleached hardwood kraft pulp reinforced with nanofibrillated cellulose. <i>Cellulose</i> , 2013, 20, 2909-2921.	2.4	57
8	Development of high-performance binderless fiberboards from wheat straw residue. <i>Construction and Building Materials</i> , 2020, 232, 117247.	3.2	24
9	Suitability of Rapeseed Chemithermomechanical Pulp as Raw Material in Papermaking. <i>BioResources</i> , 2013, 8, .	0.5	21
10	Study on the Tensile Strength and Micromechanical Analysis of Alfa Fibers Reinforced High Density Polyethylene Composites. <i>Fibers and Polymers</i> , 2019, 20, 602-610.	1.1	20
11	Research on the Strengthening Advantages on Using Cellulose Nanofibers as Polyvinyl Alcohol Reinforcement. <i>Polymers</i> , 2020, 12, 974.	2.0	20
12	Combined effect of sodium carboxymethyl cellulose, cellulose nanofibers and drainage aids in recycled paper production process. <i>Carbohydrate Polymers</i> , 2018, 183, 201-206.	5.1	18
13	Nanocomposites Materials of PLA Reinforced with Nanoclays Using a Masterbatch Technology: A Study of the Mechanical Performance and Its Sustainability. <i>Polymers</i> , 2021, 13, 2133.	2.0	16
14	High Stiffness Performance Alpha-Grass Pulp Fiber Reinforced Thermoplastic Starch-Based Fully Biodegradable Composites. <i>BioResources</i> , 2013, 9, .	0.5	13
15	Cardboard boxes as raw material for high-performance papers through the implementation of alternative technologies: More than closing the loop. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 54, 52-58.	2.9	10
16	High-Performance-Tensile-Strength Alpha-Grass Reinforced Starch-Based Fully Biodegradable Composites. <i>BioResources</i> , 2013, 8, .	0.5	9
17	Tensi3n Creativa aplicada al An3lisis de Competencias a Alumnos de Ingenier3a. <i>Formacion Universitaria</i> , 2010, 3, .	0.2	3
18	Experimental Behavior of Thin-Tile Masonry under Uniaxial Compression. <i>Multi-Leaf Case Study. Materials</i> , 2021, 14, 2785.	1.3	2

#	ARTICLE	IF	CITATIONS
19	CASE STUDY BASED ON CHEMICAL PROBLEMS TO PROMOTE ETHICS AND SUSTAINABILITY. , 2018, , .		1
20	GAMIFICATION AS A METHODOLOGY TO INCENTIVE STUDENTS. , 2018, , .		1
21	Stiffness of Rapeseed Sawdust Polypropylene Composite and Its Suitability as a Building Material. BioResources, 2018, 13, .	0.5	0
22	AGRI-FOOD TRANSBORDER COMPETENCES ON THE DEGREE PROGRAMS IN THE FRAMEWORK OF TRANSVERSALIS. , 2021, , .		0
23	INTRODUCING SUSTAINABILITY TO ENGINEERING STUDIES. EXPERIENCES BASED ON GREEN PACKAGING. , 2021, , .		0
24	MEJORA DE LA ENSEÑANZA Y EL APRENDIZAJE A TRAVÉS DE LA EVALUACIÓN DE COMPETENCIAS POR MEDIO DE LA HERRAMIENTA CYCLOID. Formacion Universitaria, 2014, 7, 17-26.	0.2	0
25	ENCOURAGING STUDENTS TO DEVELOP THEIR OWN PROJECT THROUGH THE INCREASE OF THE NUMBER OF PRACTICAL SESSIONS. , 2016, , .		0
26	CASE STUDY: COMPETENCES IN THE LAST COURSE IN TECHNICAL CHEMICAL ENGINEERING AND SOME COMPANIES DEMAND. EDULEARN Proceedings, 2016, , .	0.0	0
27	COMPETENCE TENDENCY OF AN INTERNATIONAL POSTGRADUATE IN INDUSTRIAL DESIGN. , 2016, , .		0
28	CREATIVITY AS EDUCATIONAL METHODOLOGY IN PROJECT DESIGN DISCIPLINES. , 2016, , .		0
29	EXPERIENCES OF WORKPLACE STAY WITHIN A RESEARCH GROUP. , 2016, , .		0
30	HELPING TO LEARN A PROCESS USING A VISIT TO INDUSTRIAL COMPANIES. INTED Proceedings, 2017, , .	0.0	0
31	NEW TOOLS FOR LEARNING CONTROL PROCESSES. , 2017, , .		0
32	INTRODUCTION OF CHANGES FROM A COMPETENCIES ANALYSIS IN AN INDUSTRIAL ENGINEERING GROUP. INTED Proceedings, 2018, , .	0.0	0
33	NEW METHODOLOGY TO PROMOTE COMMUNICATION AND ENGLISH SKILLS IN CHEMICAL ENGINEERING. , 2018, , .		0
34	INTRODUCTION TO ECOLOGICAL CHEMISTRY USING ENGLISH AS A REFERENCE LANGUAGE. , 2018, , .		0
35	THE USE OF AN INDUSTRIAL REAL CASE TO PROMOTE THE ETHICAL AND SUSTAINABILITY THINKING IN GREEN CHEMISTRY. INTED Proceedings, 2018, , .	0.0	0
36	CROSS-BORDER DOCTORAL TRAINING AND TRANSVERSAL COMPETENCES: AMONG ACADEMIA AND IN THE WORKPLACE. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
37	AN INTERNATIONAL COLLABORATION IN A DESIGN POSTGRADUATE. EDULEARN Proceedings, 2022, , .	0.0	0