

Carlos MorÃ“n

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	New test methods to determine water absorption by capillarity. Experimental study in masonry mortars. <i>Construction and Building Materials</i> , 2022, 319, 125988.	7.2	11
2	Circular Building Process: Reuse of Insulators from Construction and Demolition Waste to Produce Lime Mortars. <i>Buildings</i> , 2022, 12, 220.	3.1	3
3	Arduino based monitoring system for materials used in façade rehabilitation Experimental study with lime mortars. <i>Case Studies in Construction Materials</i> , 2022, 16, e00985.	1.7	3
4	Analysis of domestic hot water in residential buildings in Spain. <i>Science and Technology for the Built Environment</i> , 2022, 28, 1227-1236.	1.7	0
5	Microscope Stand for the Measurement and Characterization of Amorphous Ferromagnetic Materials. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-7.	4.7	3
6	Magnetic variation in construction steels under tensile stress. Empirical research with Helmholtz coils. <i>Materiales De Construccion</i> , 2021, 71, e243.	0.7	2
7	Characterization of a New Lightened Gypsum-Based Material Reinforced with Fibers. <i>Materials</i> , 2021, 14, 1203.	2.9	16
8	Inequalities in the Exercise and Continuity in Building Engineering in Spain. Factor Analysis Including Gender Perspective. <i>Sustainability</i> , 2021, 13, 5514.	3.2	1
9	Influence of Recycled Aggregates on the Mechanical Properties of Synthetic Fibers-Reinforced Masonry Mortars. <i>Infrastructures</i> , 2021, 6, 84.	2.8	10
10	THE ROLE OF EMOTIONS. CASE STUDY WITH ENGINEERING STUDENTS. <i>EDULEARN Proceedings</i> , 2021, , .	0.0	0
11	Experimental Study with Cement Mortars Made with Recycled Concrete Aggregate and Reinforced with Aramid Fibers. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7791.	2.5	12
12	New system for vibrating and orientation of steel fibers in masonry mortars. <i>Journal of Building Engineering</i> , 2021, 43, 102827.	3.4	2
13	DECISION MAKING AND EDUCATIONAL SCENARIOS AT THE END OF MANDATORY FORMAL EDUCATION. , 2021, , .		0
14	SIMULATION TOOLS AS SUPPORT TO ONLINE TEACHING IN VOCATIONAL TRAINING. , 2021, , .		0
15	New System to Determine the Evolution of the Dynamic Young's Modulus from Early Ages in Masonry Mortars. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8129.	2.5	6
16	Low-Cost Sensors for Determining the Variation in Interior Moisture Content in Gypsum Composite Materials. <i>Materials</i> , 2020, 13, 5831.	2.9	1
17	COMPARATIVE ANALYSIS OF FIBRE-REINFORCED PLASTERS FOR THE PRODUCTION OF PRECAST ELEMENTS. <i>Dyna (Spain)</i> , 2020, 95, 333-338.	0.2	5
18	BUILDING ENERGY PERFORMANCE CERTIFICATING INFLUENCE OVER THE RESULTS OF DOMESTIC HOT WATER PARAMETER. <i>Dyna (Spain)</i> , 2020, 95, 257-260.	0.2	2

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19	ALTERNATIVE TEST FOR THE DETERMINATION OF THE SETTING TIME. CAPACITIVE AND RESISTIVE METHOD. Dyna (Spain), 2020, 95, 294-298.	0.2	2
20	RESEARCH-BASED LEARNING: AN APPLICATION FOR GRADUATE AND POSTGRADUATE STUDENTS IN BUILDING. EDULEARN Proceedings, 2020, , .	0.0	1
21	THE IMPLEMENTATION OF THE ETHICS OF CARE IN PRIMARY EDUCATION: A PROPOSAL THROUGH PLANTS. , 2020, , .		0
22	PROJECT-BASED LEARNING: FUNDAMENTS AND APPLICATION IN ENGINEERING STUDENTS. , 2020, , .		0
23	Automatic System for Detection and Positioning of Impacts in Metals Based on Arduino. Shock and Vibration, 2019, 2019, 1-7.	0.6	2
24	Measuring system of capillary rising damp in cement mortars. Measurement: Journal of the International Measurement Confederation, 2019, 135, 252-259.	5.0	17
25	Estudio del comportamiento de los morteros reciclados frente al ruido de impacto. Informes De La Construccion, 2019, 71, 292.	0.3	3
26	BEHAVIOUR OF MASONRY MORTARS FABRICATED WITH RECYCLED AGGREGATE TOWARDS MOISTURE. Dyna (Spain), 2019, 94, 442-446.	0.2	9
27	EVOLUTION OF THE MATERIALS USED IN DOMESTIC HOT WATER DISTRIBUTION SYSTEMS. Dyna (Spain), 2019, 94, 390-394.	0.2	1
28	Prototipo de Cubierta Vegetal Autosostenible para la mejora de la Eficiencia Energética = Self-Sustaining Green Roof Prototype for the Improvement of Energy Efficiency. Anales De Edificación, 2019, 5, 53.	0.1	0
29	Design, Development and Implementation of a Weather Station Prototype for Renewable Energy Systems. Energies, 2018, 11, 2234.	3.1	10
30	Comparative Analysis of Infrared Thermography and CFD Modelling for Assessing the Thermal Performance of Buildings. Energies, 2018, 11, 638.	3.1	9
31	Comparative study of the influence of three types of fibre in the shrinkage of recycled mortar. Materiales De Construccion, 2018, 68, 168.	0.7	15
32	New System of Shrinkage Measurement through Cement Mortars Drying. Sensors, 2017, 17, 522.	3.8	19
33	New Prototype of Photovoltaic Solar Tracker Based on Arduino. Energies, 2017, 10, 1298.	3.1	31
34	Measurement of Moisture in Wood for Application in the Restoration of Old Buildings. Sensors, 2016, 16, 697.	3.8	24
35	Domotics Project Housing Block. Sensors, 2016, 16, 741.	3.8	9
36	Mechatronic Prototype of Parabolic Solar Tracker. Sensors, 2016, 16, 882.	3.8	10

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37	Waves Measurement System in Vertical Docks Protection. Proceedings (mdpi), 2016, 1, .	0.2	0
38	Low-Cost Impact Detection and Location for Automated Inspections of 3D Metallic Based Structures. Sensors, 2015, 15, 12651-12667.	3.8	6
39	Magnetic Sensors Based on Amorphous Ferromagnetic Materials: A Review. Sensors, 2015, 15, 28340-28366.	3.8	88
40	Transmission of Impact Vibration on Concrete and Mortar Sheets. Shock and Vibration, 2015, 2015, 1-6.	0.6	2
41	New System for Measuring Impact Vibration on Floor Decking Sheets. Sensors, 2015, 15, 635-641.	3.8	4
42	Magnetic Sensor for Building Structural Vibrations. Sensors, 2014, 14, 2468-2475.	3.8	11
43	A New Self-Calibrated Procedure for Impact Detection and Location on Flat Surfaces. Sensors, 2013, 13, 7104-7120.	3.8	4
44	Amorphous piezoresistive and piezoelectric sensors for robotics applications. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 3175-3178.	0.8	3