Javier EstÃ©vez-Cimadevila

List of Publications by Year
in descending order

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38 papers	385 citations	759233 12 h-index	794594 19 g-index
39 all docs	39 docs citations	39 times ranked	164 citing authors

#	Article	IF	Citations
1	Perforated board shear connector for timber-concrete composites. Wood Material Science and Engineering, 2023, 18, 919-932.	2.3	3
2	Timber-concrete composite structural flooring system. Journal of Building Engineering, 2022, 49, 104078.	3.4	7
3	Discontinuous Ï€-form steel shear connectors in timber-concrete composites. An experimental approach. Engineering Structures, 2020, 216, 110719.	5.3	5
4	Testing of different non-adherent tendon solutions to reduce short-term deflection in full-scale timber-concrete-composite T-section beams. Journal of Building Engineering, 2020, 31, 101437.	3.4	1
5	Perforated shear + reinforcement bar connectors in a timber-concrete composite solution. Analytical and numerical approach. Composites Part B: Engineering, 2019, 156, 138-147.	12.0	14
6	Systems that improve the behaviour of joints made using glued-in rods. European Journal of Wood and Wood Products, 2019, 77, 1079-1093.	2.9	3
7	Experimental, analytical and numerical vibration analysis of long-span timber-timber composite floors in self-tensioning and non-tensioning configurations. Construction and Building Materials, 2019, 218, 341-350.	7.2	6
8	Prefabricated ultracompact module for steel framed structures. , 2019, , 673-680.		0
9	Joints with bars glued-in softwood laminated timber subjected to climatic cycles. International Journal of Adhesion and Adhesives, 2018, 82, 27-35.	2.9	17
10	Self-tensioning long-span T-shaped spruce and oak web floors with a CLT upper flange. An experimental approach. Engineering Structures, 2018, 168, 300-307.	5.3	6
11	Small depth long-span timber floor design with self-tensioned systems. Australian Journal of Structural Engineering, 2018, 19, 24-33.	1.1	2
12	Experimental analysis of glued-in steel plates used as shear connectors in Timber-Concrete-Composites. Engineering Structures, 2018, 170, 1-10.	5.3	50
13	Experimental Analysis of Pretensioned CLT-Glulam T-Section Beams. Advances in Materials Science and Engineering, 2018, 2018, 1-12.	1.8	3
14	Durability of joints made with threaded steel rods glued in chestnut timber â€“ An experimental approach. Composites Part B: Engineering, 2017, 108, 413-419.	12.0	10
15	Representando la estructura. Reflexiones sobre la obra de Arthur Vierendeel â€œLa construction architecturale en fonte, fer et acierâ€• EGA Revista De Expresion Grafica Arquitectonica, 2017, 22, 96.	0.2	0
16	MetodologÃa de anÃ¡lisis de forjados autotesados de madera. Informes De La Construccion, 2017, 69, 207.	0.3	1
17	Long-Span Wooden Structural Floors with Self-Tensioning System: Performance under Asymmetrical Loads. Advances in Materials Science and Engineering, 2016, 2016, 1-11.	1.8	6
18	Self-tensioning system for long-span wooden structural floors. Construction and Building Materials, 2016, 102, 852-860.	7.2	13

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19	Application of a New System of Self-Tensioning to the Design of Large-Span Wood Floor Framings. Journal of Structural Engineering, 2016, 142, .	3.4	9
20	El proyecto de estructuras en el Museo de las Peregrinaciones (Santiago de Compostela). Informes De La Construccion, 2015, 67, e064.	0.3	0
21	La GalerÃa de las MÃ¡quinas de 1889. Reflexiones histÃ³rico-estructurales. VLC Arquitectura, 2015, 2, 1.	0.2	4
22	Orientation of bars glued on glued laminated products: Parallel vs. perpendicular. Composites Part B: Engineering, 2014, 62, 97-103.	12.0	6
23	Adhesive multi-bulbs: A novel anchoring system using threaded steel rods glued into wood. Construction and Building Materials, 2013, 48, 131-136.	7.2	10
24	Withdrawal strength of threaded steel rods glued with epoxy in wood. International Journal of Adhesion and Adhesives, 2013, 44, 115-121.	2.9	35
25	Influence of geometric and mechanical parameters on stress states caused by threaded rods glued in wood. European Journal of Wood and Wood Products, 2013, 71, 259-266.	2.9	20
26	AnÃ¡lisis experimental de las barras de madera laminada con secciÃ³n tubular utilizadas en la construcciÃ³n de una malla espacial. Maderas: Ciencia Y Tecnologia, 2013, , 0-0.	0.7	1
27	New anchoring system with adhesive bulbs for steel rod joints in wood. Construction and Building Materials, 2012, 30, 583-589.	7.2	11
28	Strength of Joints with Epoxy-Glued Threaded Steel Rods in Tali Timber. Journal of Materials in Civil Engineering, 2011, 23, 453-458.	2.9	14
29	Influence of timber density on the axial strength of joints made with glued-in steel rods: An experimental approach. International Journal of Adhesion and Adhesives, 2010, 30, 380-385.	2.9	14
30	Model for predicting the axial strength of joints made with glued-in rods in sawn timber. Construction and Building Materials, 2010, 24, 1773-1778.	7.2	23
31	AnÃ¡lisis experimental de uniones con barras de acero encoladas en maderas de castaÃ±o y elondo. Materiales De Construccion, 2010, 60, 111-125.	0.7	4
32	Influence of the geometric and material characteristics on the strength of glued joints made in chestnut timber. Materials & Design, 2009, 30, 1325-1332.	5.1	23
33	Glued joints in hardwood timber. International Journal of Adhesion and Adhesives, 2008, 28, 457-463.	2.9	39
34	Experimental behaviour of threaded steel rods glued into high-density hardwood. International Journal of Adhesion and Adhesives, 2007, 27, 136-144.	2.9	21
35	Timber specimens parametrized design for numerical analysis. WIT Transactions on the Built Environment, 2006, , .	0.0	2
36	Experimental test of threaded steel rods glued-in hardwood with epoxy. WIT Transactions on the Built Environment, 2006, , .	0.0	1

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37	AnÃ¡lisis no lineal de mallas espaciales de doble capa. Informes De La Construccion, 1991, 42, 57-70.	0.3	0
38	Estrategias de aprendizaje en el taller interdisciplinar de arquitectura. Modulo Arquitectura CUC, 0, 26, 9-28.	0.0	1