

Javier EstÃ©vez-Cimadevila

List of Publications by Year in descending order

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38
papers

385
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759233

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39
times ranked

164
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental analysis of glued-in steel plates used as shear connectors in Timber-Concrete-Composites. <i>Engineering Structures</i> , 2018, 170, 1-10.	5.3	50
2	Glued joints in hardwood timber. <i>International Journal of Adhesion and Adhesives</i> , 2008, 28, 457-463.	2.9	39
3	Withdrawal strength of threaded steel rods glued with epoxy in wood. <i>International Journal of Adhesion and Adhesives</i> , 2013, 44, 115-121.	2.9	35
4	Influence of the geometric and material characteristics on the strength of glued joints made in chestnut timber. <i>Materials & Design</i> , 2009, 30, 1325-1332.	5.1	23
5	Model for predicting the axial strength of joints made with glued-in rods in sawn timber. <i>Construction and Building Materials</i> , 2010, 24, 1773-1778.	7.2	23
6	Experimental behaviour of threaded steel rods glued into high-density hardwood. <i>International Journal of Adhesion and Adhesives</i> , 2007, 27, 136-144.	2.9	21
7	Influence of geometric and mechanical parameters on stress states caused by threaded rods glued in wood. <i>European Journal of Wood and Wood Products</i> , 2013, 71, 259-266.	2.9	20
8	Joints with bars glued-in softwood laminated timber subjected to climatic cycles. <i>International Journal of Adhesion and Adhesives</i> , 2018, 82, 27-35.	2.9	17
9	Influence of timber density on the axial strength of joints made with glued-in steel rods: An experimental approach. <i>International Journal of Adhesion and Adhesives</i> , 2010, 30, 380-385.	2.9	14
10	Strength of Joints with Epoxy-Glued Threaded Steel Rods in Tali Timber. <i>Journal of Materials in Civil Engineering</i> , 2011, 23, 453-458.	2.9	14
11	Perforated shear + reinforcement bar connectors in a timber-concrete composite solution. Analytical and numerical approach. <i>Composites Part B: Engineering</i> , 2019, 156, 138-147.	12.0	14
12	Self-tensioning system for long-span wooden structural floors. <i>Construction and Building Materials</i> , 2016, 102, 852-860.	7.2	13
13	New anchoring system with adhesive bulbs for steel rod joints in wood. <i>Construction and Building Materials</i> , 2012, 30, 583-589.	7.2	11
14	Adhesive multi-bulbs: A novel anchoring system using threaded steel rods glued into wood. <i>Construction and Building Materials</i> , 2013, 48, 131-136.	7.2	10
15	Durability of joints made with threaded steel rods glued in chestnut timber – An experimental approach. <i>Composites Part B: Engineering</i> , 2017, 108, 413-419.	12.0	10
16	Application of a New System of Self-Tensioning to the Design of Large-Span Wood Floor Framings. <i>Journal of Structural Engineering</i> , 2016, 142, .	3.4	9
17	Timber-concrete composite structural flooring system. <i>Journal of Building Engineering</i> , 2022, 49, 104078.	3.4	7
18	Orientation of bars glued on glued laminated products: Parallel vs. perpendicular. <i>Composites Part B: Engineering</i> , 2014, 62, 97-103.	12.0	6

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19	Long-Span Wooden Structural Floors with Self-Tensioning System: Performance under Asymmetrical Loads. <i>Advances in Materials Science and Engineering</i> , 2016, 2016, 1-11.	1.8	6
20	Self-tensioning long-span T-shaped spruce and oak web floors with a CLT upper flange. An experimental approach. <i>Engineering Structures</i> , 2018, 168, 300-307.	5.3	6
21	Experimental, analytical and numerical vibration analysis of long-span timber-timber composite floors in self-tensioning and non-tensioning configurations. <i>Construction and Building Materials</i> , 2019, 218, 341-350.	7.2	6
22	Discontinuous I-form steel shear connectors in timber-concrete composites. An experimental approach. <i>Engineering Structures</i> , 2020, 216, 110719.	5.3	5
23	Análisis experimental de uniones con barras de acero encoladas en maderas de castaño y elondo. <i>Materiales De Construccion</i> , 2010, 60, 111-125.	0.7	4
24	La Galería de las Máquinas de 1889. Reflexiones histórico-estructurales. <i>VLC Arquitectura</i> , 2015, 2, 1.	0.2	4
25	Experimental Analysis of Pretensioned CLT-Glulam T-Section Beams. <i>Advances in Materials Science and Engineering</i> , 2018, 2018, 1-12.	1.8	3
26	Systems that improve the behaviour of joints made using glued-in rods. <i>European Journal of Wood and Wood Products</i> , 2019, 77, 1079-1093.	2.9	3
27	Perforated board shear connector for timber-concrete composites. <i>Wood Material Science and Engineering</i> , 2023, 18, 919-932.	2.3	3
28	Small depth long-span timber floor design with self-tensioned systems. <i>Australian Journal of Structural Engineering</i> , 2018, 19, 24-33.	1.1	2
29	Timber specimens parametrized design for numerical analysis. <i>WIT Transactions on the Built Environment</i> , 2006, , .	0.0	2
30	Análisis experimental de las barras de madera laminada con sección tubular utilizadas en la construcción de una malla espacial. <i>Maderas: Ciencia Y Tecnologia</i> , 2013, , 0-0.	0.7	1
31	Testing of different non-adherent tendon solutions to reduce short-term deflection in full-scale timber-concrete-composite T-section beams. <i>Journal of Building Engineering</i> , 2020, 31, 101437.	3.4	1
32	Experimental test of threaded steel rods glued-in hardwood with epoxy. <i>WIT Transactions on the Built Environment</i> , 2006, , .	0.0	1
33	Metodología de análisis de forjados autotesados de madera. <i>Informes De La Construccion</i> , 2017, 69, 207.	0.3	1
34	Estrategias de aprendizaje en el taller interdisciplinar de arquitectura. <i>Modulo Arquitectura CUC</i> , 0, 26, 9-28.	0.0	1
35	Análisis no lineal de mallas espaciales de doble capa. <i>Informes De La Construccion</i> , 1991, 42, 57-70.	0.3	0
36	El proyecto de estructuras en el Museo de las Peregrinaciones (Santiago de Compostela). <i>Informes De La Construccion</i> , 2015, 67, e064.	0.3	0

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37	Representando la estructura. Reflexiones sobre la obra de Arthur Vierendeel «La construction architecturale en fonte, fer et acier». EGA Revista De Expresion Grafica Arquitectonica, 2017, 22, 96.	0.2	0
38	Prefabricated ultracompact module for steel framed structures. , 2019, , 673-680.		0