

Luis Calado

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

555
citations

623734

14
h-index

642732

23
g-index

40
all docs

40
docs citations

40
times ranked

371
citing authors

#	ARTICLE	IF	CITATIONS
1	Hysteretic behaviour of dissipative bolted fuses for earthquake resistant steel frames. Journal of Constructional Steel Research, 2013, 85, 151-162.	3.9	75
2	Experimental analysis of seismic resistant composite steel frames with dissipative devices. Journal of Constructional Steel Research, 2012, 76, 1-12.	3.9	63
3	On-line unsupervised detection of early damage. Structural Control and Health Monitoring, 2016, 23, 1047-1069.	4.0	55
4	Hysteretic behavior of dissipative welded fuses for earthquake resistant composite steel and concrete frames. Steel and Composite Structures, 2013, 14, 547-569.	1.3	39
5	LOW CYCLE FATIGUE BEHAVIOUR OF STRUCTURAL STEEL MEMBERS AND CONNECTIONS. Fatigue and Fracture of Engineering Materials and Structures, 1997, 20, 1129-1146.	3.4	37
6	A risk-consistent approach to determine EN1998 behaviour factors for lateral load resisting systems. Soil Dynamics and Earthquake Engineering, 2020, 131, 106008.	3.8	30
7	Experimental response of top and seat angle semi-rigid steel frame connections. Materials and Structures/Materiaux Et Constructions, 2000, 33, 499-510.	3.1	25
8	DUCTILITY AND LOAD CARRYING CAPACITY PREDICTION OF STEEL BEAM-TO-COLUMN CONNECTIONS UNDER CYCLIC REVERSAL LOADING. Journal of Earthquake Engineering, 1997, 1, 401-432.	2.5	22
9	Experimental Investigation on European Welded Connections. Journal of Structural Engineering, 2003, 129, 1301-1311.	3.4	22
10	Real-time damage detection based on pattern recognition. Structural Concrete, 2016, 17, 338-354.	3.1	20
11	A model for predicting the failure of structural steel elements. Journal of Constructional Steel Research, 1989, 14, 41-64.	3.9	17
12	Hysteretic behaviour of steel members: Analytical models and experimental tests. Journal of Constructional Steel Research, 1994, 29, 71-94.	3.9	17
13	Experimental study on the cyclic behaviour of bolted end-plate joints. Steel and Composite Structures, 2001, 1, 33-50.	1.3	16
14	Low cycle fatigue strength assessment of cruciform welded joints. Journal of Constructional Steel Research, 1998, 47, 223-244.	3.9	15
15	Non-linear cyclic model of top and seat with web angle for steel beam-to-column connections. Engineering Structures, 2003, 25, 1189-1197.	5.3	15
16	ANALYSIS OF RECTANGULAR SHAPED COLLAR CONNECTORS FOR COMPOSITE TIMBER-STEEL-CONCRETE FLOORS: PUSH-OUT TESTS. Journal of Civil Engineering and Management, 2009, 15, 47-58.	3.5	13
17	Static-based early-damage detection using symbolic data analysis and unsupervised learning methods. Frontiers of Structural and Civil Engineering, 2015, 9, 1-16.	2.9	12
18	Comparison of two cumulative damage approaches for the assessment of behaviour factors for low-rise steel buildings. Journal of Constructional Steel Research, 1996, 40, 39-61.	3.9	9

#	ARTICLE	IF	CITATIONS
19	Behaviour of bolted composite joints: experimental study. Journal of Constructional Steel Research, 2004, 60, 725-738.	3.9	7
20	Selected papers from the 3rd international conference on protection of historical constructions (Prohitech'17). International Journal of Architectural Heritage, 2019, 13, 1-1.	3.1	7
21	Dissipative connections with U-shaped steel plate for braces of concentrically braced frames. Bulletin of Earthquake Engineering, 2019, 17, 6203-6237.	4.1	6
22	Assessment of q factors for seismic design of low-rise steel buildings. Journal of Constructional Steel Research, 1995, 35, 1-17.	3.9	4
23	Low cycle fatigue testing of semi-rigid beam-to-column connections. , 1996, , 371-380.		4
24	Reinforcement of ancient floors by timber-concrete composite systems with collar connector. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 2021, 174, 491-503.	0.8	4
25	Cyclic behaviour of beam-to-column welded connections. Steel and Composite Structures, 2001, 1, 269-282.	1.3	4
26	Behaviour of Steel Beam-to-Column Joints Under Cyclic Reversal Loading: An Experimental Study. , 1998, , 279-292.		3
27	Experimental and analytical studies on the cyclic behavior of end-plate joints of composite structural elements. Journal of Constructional Steel Research, 2008, 64, 202-213.	3.9	3
28	Seismic modelling and behaviour of steel beam-to-column connections. Journal of Constructional Steel Research, 1998, 46, 258-259.	3.9	2
29	Stress-Strain Relationship for Steel under Uniaxial Cyclic Loadings. Advances in Structural Engineering, 2002, 5, 143-151.	2.4	2
30	Fracture of a galvanized steel U-bolt stirrup of an overhead electrical transport line. Procedia Structural Integrity, 2016, 1, 249-256.	0.8	2
31	Cyclic Behaviour of Steel Beam-to-Column Connections. , 1999, , 211-220.		1
32	Innovative energy dissipation systems (FUSEIS 1). , 2011, , 763-768.		1
33	Cyclic tests of beam-upright connections in racking systems with a new hybrid procedure. , 2011, , 53-59.		1
34	Cyclic Behaviour of Beam-to-Column Welded Connections. , 1999, , 323-330.		1
35	Composite Frames with Dissipative Beam Splices: Numerical Analyses and Design Guidelines. Key Engineering Materials, 0, 763, 771-778.	0.4	0
36	Seismic behaviour of steel storage racking systems. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
37	Design of composite slabs with profiled steel sheeting under concentrated loads. , 2011, , 305-310.		0
38	Collapse performance of steel self-centering braced frame systems. , 2012, , 765-772.		0