

Robert Driver

List of Publications by Year in descending order

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44
papers

1,167
citations

430442

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395343

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44
all docs

44
docs citations

44
times ranked

519
citing authors

#	ARTICLE	IF	CITATIONS
1	Behaviour of Single Angle Connections Under Simultaneous Shear, Tension and Moment. Structures, 2018, 15, 13-27.	1.7	5
2	Full-scale Tests of Stabilized and Unstabilized Extended Single-plate Connections. Structures, 2017, 10, 49-58.	1.7	6
3	Behaviour of shear tab connections in column removal scenario. Journal of Constructional Steel Research, 2017, 138, 580-593.	1.7	18
4	Experimental Investigation on the Behavior of Extended Shear Tabs with Different Flexibilities. , 2015, , .		0
5	Behavior of Steel Shear Connections under Column-Removal Demands. Journal of Structural Engineering, 2015, 141, .	1.7	35
6	Simplified approach to estimating the elastic lateral-torsional buckling capacity of steel beams with top-flange loading. Canadian Journal of Civil Engineering, 2015, 42, 130-138.	0.7	5
7	Performance assessment of steel plate shear walls under accidental blast loads. Journal of Constructional Steel Research, 2015, 106, 44-56.	1.7	20
8	Reliability Analysis of Shear Tab Connections under Progressive Collapse Scenario. , 2014, , .		0
9	Canadian Disproportionate Collapse Design Provisions and Recent Research Developments. , 2014, , .		2
10	Full-Scale Tests on Shear Connections of Composite Beams Under a Column Removal Scenario. , 2014, , .		7
11	Nonlinear seismic analysis of perforated steel plate shear walls. Journal of Constructional Steel Research, 2014, 94, 103-113.	1.7	62
12	Performance-Based Capacity Design of Steel Plate Shear Walls. II: Design Provisions. Journal of Structural Engineering, 2014, 140, .	1.7	2
13	Column demands in steel plate shear walls with regular perforations using performance-based design methods. Journal of Constructional Steel Research, 2014, 103, 13-22.	1.7	9
14	Performance-Based Capacity Design of Steel Plate Shear Walls. I: Development Principles. Journal of Structural Engineering, 2014, 140, .	1.7	5
15	Beam Design Force Demands in Steel Plate Shear Walls with Simple Boundary Frame Connections. Journal of Structural Engineering, 2014, 140, 04014046.	1.7	6
16	Generalized Component-Based Model for Shear Tab Connections. Journal of Structural Engineering, 2014, 140, .	1.7	8
17	Economical Steel Plate Shear Walls for Low-Seismic Regions. Journal of Structural Engineering, 2013, 139, 379-388.	1.7	24
18	Behaviour of partially encased composite columns with high strength concrete. Engineering Structures, 2013, 56, 1718-1727.	2.6	55

#	ARTICLE	IF	CITATIONS
19	Performance of Steel Shear Connections under Combined Moment, Shear, and Tension. , 2012, , .		16
20	Effect of Regular Perforation Patterns on Steel Plate Shear Wall Column Demands. , 2011, , .		2
21	Modular Construction of Steel Plate Shear Walls for Low and Moderate Seismic Regions. , 2011, , .		3
22	Estimating fundamental periods of steel plate shear walls. Engineering Structures, 2011, 33, 1883-1893.	2.6	22
23	Effects of connection geometry on block shear failure of welded lap plate connections. Journal of Constructional Steel Research, 2011, 67, 525-532.	1.7	17
24	Behavior of Shear Tab Connections under Column Removal Scenario. , 2011, , .		5
25	Application of Indirect Capacity Design Principles for Seismic Design of Steel-Plate Shear Walls. Journal of Structural Engineering, 2011, 137, 521-530.	1.7	10
26	Performance of Type D and Type LD steel plate walls. Canadian Journal of Civil Engineering, 2010, 37, 88-98.	0.7	7
27	Seismic analysis of steel plate shear walls considering strain rate and $\dot{\epsilon}$ effects. Journal of Constructional Steel Research, 2009, 65, 1149-1159.	1.7	47
28	Analysis of Steel Plate Shear Walls Using the Modified Strip Model. Journal of Structural Engineering, 2009, 135, 1357-1366.	1.7	60
29	Development of Partially Encased Composite Columns for use in Steel Shear Walls for Seismic Applications. AIP Conference Proceedings, 2008, , .	0.3	1
30	Analysis of Flange Transverse Bending of Corrugated Web I-Girders under In-Plane Loads. Journal of Structural Engineering, 2007, 133, 347-355.	1.7	91
31	Simplified analysis of flange transverse bending of corrugated web I-girders under in-plane moment and shear. Engineering Structures, 2007, 29, 2816-2824.	2.6	62
32	Characterization of fatigue properties of ASTM A709 high performance steel. Journal of Constructional Steel Research, 2007, 63, 838-848.	1.7	26
33	Finite-Element Modeling of Partially Encased Composite Columns Using the Dynamic Explicit Method. Journal of Structural Engineering, 2007, 133, 326-334.	1.7	41
34	Fatigue Life of Girders with Trapezoidal Corrugated Webs. Journal of Structural Engineering, 2006, 132, 1070-1078.	1.7	38
35	Behavior of Corrugated Web I-Girders under In-Plane Loads. Journal of Engineering Mechanics - ASCE, 2006, 132, 806-814.	1.6	102
36	Shear Behavior of Corrugated Web Bridge Girders. Journal of Structural Engineering, 2006, 132, 195-203.	1.7	221

#	ARTICLE	IF	CITATIONS
37	Unified block shear equation for achieving consistent reliability. Journal of Constructional Steel Research, 2006, 62, 210-222.	1.7	40
38	Tension and shear block failure of bolted gusset plates. Canadian Journal of Civil Engineering, 2006, 33, 395-408.	0.7	21
39	Reliability Analysis of Block Shear Capacity of Coped Steel Beams. Journal of Structural Engineering, 2004, 130, 1904-1913.	1.7	13
40	Experimental investigation of block shear failure in coped steel beams. Canadian Journal of Civil Engineering, 2003, 30, 871-881.	0.7	28
41	Local buckling of grouted and ungrouted internally stiffened double-plate HPS webs. Journal of Constructional Steel Research, 2002, 58, 881-906.	1.7	3
42	Innovative High Performance Steel Bridge Girders. , 2001, , 1.		9
43	Discussion of "Experimental Study of Thin Steel-Plate Shear Walls under Cyclic Load" by Vincent Caccese, Mohamed Elgaaly, and Ruobo Chen (February, 1993, Vol. 119, No. 2). Journal of Structural Engineering, 1994, 120, 3072-3073.	1.7	4
44	Discussion of "Postbuckling Behavior of Steel-Plate Shear Walls under Cyclic Loads" by M. Elgaaly, V. Caccese, and C. Du (February, 1993, Vol. 119, No. 2). Journal of Structural Engineering, 1994, 120, 2250-2251.	1.7	9