

Hamid Ronagh

List of Publications by Year in descending order

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101
papers

2,572
citations

182225

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274796

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101
all docs

101
docs citations

101
times ranked

1582
citing authors

#	ARTICLE	IF	CITATIONS
1	A practical design approach to bolted end-plate vertical-slits RWS connection. Bulletin of Earthquake Engineering, 2022, 20, 547-586.	2.3	4
2	Sand-coated reeds as an innovative reinforcement for improving the in-plane seismic behavior of adobe walls. Construction and Building Materials, 2022, 326, 126882.	3.2	1
3	Shear buckling behavior of tapered cantilever beams with corrugated trapezoidal web under concentrated tip load. Journal of Constructional Steel Research, 2022, 193, 107265.	1.7	1
4	Seismic performance of stabilised/unstabilised rammed earth walls. Engineering Structures, 2021, 245, 112982.	2.6	8
5	Cyclic behavior of welded elliptical-shaped RWS moment frame. Journal of Constructional Steel Research, 2020, 175, 106319.	1.7	9
6	Cyclic performance of bolted end-plate RWS connection with vertical-slits. Journal of Constructional Steel Research, 2020, 173, 106236.	1.7	18
7	Numerical modelling and design of hybrid cold-formed steel wall panels. Thin-Walled Structures, 2020, 157, 107084.	2.7	14
8	Near-surface-mounted retrofitting of damaged/undamaged adobe walls using steel bars: Analytical evaluation of experimental results. Structures, 2020, 28, 2111-2121.	1.7	10
9	Seismic performance of CFS strap-braced walls using capacity-based design approach. Journal of Constructional Steel Research, 2020, 174, 106317.	1.7	13
10	Lateral performance of a new hybrid CFS shear wall panel for mid-rise construction. Journal of Constructional Steel Research, 2020, 168, 106000.	1.7	19
11	Seismic characteristics of hybrid cold-formed steel wall panels. Structures, 2020, 27, 718-731.	1.7	12
12	Cyclic behaviour of elliptical-shaped reduced web section connection. Structures, 2020, 24, 955-973.	1.7	12
13	Performance of gypsum sheathed CFS panels under combined lateral and gravity loading. Journal of Constructional Steel Research, 2020, 170, 106125.	1.7	9
14	Seismic collapse assessment of a hybrid cold-formed hot-rolled steel building. Journal of Constructional Steel Research, 2019, 155, 504-516.	1.7	20
15	Numerical models for lateral behaviour analysis of cold-formed steel framed walls: State of the art, evaluation and challenges. Thin-Walled Structures, 2019, 138, 252-285.	2.7	69
16	Investigation of a Method for Strengthening Perforated Cold-Formed Steel Profiles under Compression Loads. Applied Sciences (Switzerland), 2019, 9, 5085.	1.3	23
17	Identification of Factors and Decision Analysis of the Level of Modularization in Building Construction. Journal of Architectural Engineering, 2018, 24, 04018010.	0.8	62
18	Robustness assessment of a generic steel fire-protected moment-resisting frame under travelling fire. European Journal of Environmental and Civil Engineering, 2018, 22, 64-81.	1.0	8

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19	Interlocking system for enhancing the integrity of multi-storey modular buildings. Automation in Construction, 2018, 85, 263-272.	4.8	106
20	Lateral behaviour of hybrid cold-formed and hot-rolled steel wall systems: Experimental investigation. Journal of Constructional Steel Research, 2018, 147, 422-432.	1.7	27
21	Lateral force resisting systems in lightweight steel frames: Recent research advances. Thin-Walled Structures, 2018, 130, 231-253.	2.7	66
22	Span length effect on alternate load path capacity of welded unreinforced flange-bolted web connections. Journal of Constructional Steel Research, 2017, 138, 714-728.	1.7	5
23	Effect of inverted-V bracing on retrofitting against progressive collapse of steel moment resisting frames. International Journal of Steel Structures, 2017, 17, 1103-1113.	0.6	9
24	Automated spatial design of multi-story modular buildings using a unified matrix method. Automation in Construction, 2017, 82, 31-42.	4.8	68
25	Changes in mechanical properties of GFRP composite after exposure to warm seawater. Journal of Composite Materials, 2017, 51, 2733-2742.	1.2	4
26	Reliability of ductility requirements in concrete design codes. Structural Safety, 2016, 62, 76-87.	2.8	8
27	Probabilistic assessment of FRP-confined reinforced concrete columns. Composite Structures, 2016, 153, 851-865.	3.1	22
28	An experimental study into the capacity of cold-formed steel truss connections. Journal of Constructional Steel Research, 2016, 127, 176-186.	1.7	24
29	Numerical evaluation of the post-earthquake fire resistance of CFRP-strengthened reinforced concrete joints based on experimental observations. European Journal of Environmental and Civil Engineering, 2016, 20, 142-160.	1.0	12
30	A reliability-based investigation into ductility measures of RC beams designed according to fib Model Code 2010. Structural Concrete, 2015, 16, 546-557.	1.5	5
31	Buckling analysis of thin-walled cold-formed steel structural members using complex finite strip method. Thin-Walled Structures, 2015, 90, 74-83.	2.7	13
32	Seismic performance of cold formed steel walls sheathed by fibre-cement board panels. Journal of Constructional Steel Research, 2015, 107, 1-11.	1.7	63
33	Plastic Hinge Relocation in Reinforced Concrete Frames as a Method of Improving Post-earthquake Fire Resistance. Structures, 2015, 2, 21-31.	1.7	10
34	Risk mitigation of post-earthquake fire in urban buildings. Journal of Risk Research, 2015, 18, 602-621.	1.4	5
35	Development of a nonlinear FE modelling approach for FRP-strengthened RC beam-column connections. Structures, 2015, 3, 272-281.	1.7	19
36	Effect of span length on progressive collapse behaviour of steel moment resisting frames. Structures, 2015, 3, 81-89.	1.7	34

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37	Post-Earthquake Fire performance-based behavior of unprotected moment resisting 2D steel frames. KSCE Journal of Civil Engineering, 2015, 19, 274-284.	0.9	17
38	Flexural strengthening of continuous unbonded post-tensioned concrete beams with end-anchored CFRP laminates. Structural Engineering and Mechanics, 2015, 53, 1083-1104.	1.0	10
39	Probabilistic models for curvature ductility and moment redistribution of RC beams. Computers and Concrete, 2015, 16, 191-207.	0.7	1
40	A new damage index for reinforced concrete structures. Earthquake and Structures, 2014, 6, 581-609.	1.0	35
41	An Engineering Solution to Improve Post-Earthquake Fire Resistance in Important Reinforced Concrete Structures. Advances in Structural Engineering, 2014, 17, 993-1009.	1.2	11
42	A Probabilistic Study on the Ductility of Reinforced Concrete Sections. Advances in Structural Engineering, 2014, 17, 1315-1327.	1.2	3
43	Correlation between parameters of pulse-type motions and damage of low-rise RC frames. Earthquake and Structures, 2014, 7, 365-384.	1.0	13
44	Effect of elaborate plastic hinge definition on the pushover analysis of reinforced concrete buildings. Structural Design of Tall and Special Buildings, 2014, 23, 254-271.	0.9	17
45	An experimental investigation on the seismic behavior of cold-formed steel walls sheathed by thin steel plates. Thin-Walled Structures, 2014, 80, 66-79.	2.7	41
46	Composite repair of pipelines, considering the effect of live pressure-analytical and numerical models with respect to ISO/TS 24817 and ASME PCC-2. Composites Part B: Engineering, 2014, 58, 605-610.	5.9	47
47	Performance-Based Vulnerability Assessment of Multi-Story Reinforced Concrete Structures Exposed to Pre- and Post-Earthquake Fire. Journal of Earthquake Engineering, 2014, 18, 853-875.	1.4	9
48	Reliability of corroded thin walled pipes repaired with composite overwrap. Thin-Walled Structures, 2014, 85, 201-206.	2.7	7
49	Correlation between seismic parameters of far-fault motions and damage indices of low-rise reinforced concrete frames. Soil Dynamics and Earthquake Engineering, 2014, 66, 102-112.	1.9	56
50	Post-Earthquake fire resistance of CFRP strengthened reinforced concrete structures. Structural Design of Tall and Special Buildings, 2014, 23, 814-832.	0.9	11
51	Elastic distortional buckling of doubly symmetric steel I-section beams with slender webs. Thin-Walled Structures, 2014, 84, 289-301.	2.7	16
52	Behavior of moment-resisting tall steel structures exposed to a vertically traveling post-Earthquake fire. Structural Design of Tall and Special Buildings, 2014, 23, 1083-1096.	0.9	23
53	On the FE Modeling of FRP-Retrofitted Beam-Column Subassemblies. International Journal of Concrete Structures and Materials, 2014, 8, 141-155.	1.4	16
54	Reducing the seismic damage of reinforced concrete frames using FRP confinement. Composite Structures, 2014, 118, 403-415.	3.1	19

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55	Numerical investigation of the affecting parameters on the shear failure of Nonductile RC exterior joints. <i>Engineering Failure Analysis</i> , 2014, 46, 62-75.	1.8	23
56	Plastic hinge length of reinforced concrete columns subjected to both far-fault and near-fault ground motions having forward directivity. <i>Structural Design of Tall and Special Buildings</i> , 2013, 22, 903-926.	0.9	21
57	Performance of reinforced concrete structures subjected to fire following earthquake. <i>European Journal of Environmental and Civil Engineering</i> , 2013, 17, 270-292.	1.0	31
58	A Post-Earthquake Fire Factor to Improve the Fire Resistance of Damaged Ordinary Reinforced Concrete Structures. <i>Journal of Structural Fire Engineering</i> , 2013, 4, 207-226.	0.4	11
59	Experimental Study on Seismic Performance of Strap-Braced Cold-Formed Steel Shear Walls. <i>Advances in Structural Engineering</i> , 2013, 16, 245-257.	1.2	18
60	Post-earthquake fire performance-based behavior of reinforced concrete structures. <i>Earthquake and Structures</i> , 2013, 5, 379-394.	1.0	7
61	Numerical Investigation on the Hysteretic Behavior of RC Joints Retrofitted with Different CFRP Configurations. <i>Journal of Composites for Construction</i> , 2013, 17, 371-382.	1.7	26
62	Reliability analysis of moment redistribution in reinforced concrete beams. <i>Magazine of Concrete Research</i> , 2013, 65, 769-779.	0.9	8
63	Effectiveness of modified pushover analysis procedure for the estimation of seismic demands of buildings subjected to near-fault ground motions having fling step. <i>Natural Hazards and Earth System Sciences</i> , 2013, 13, 1579-1593.	1.5	9
64	Investigating the effect of bond slip on the seismic response of RC structures. <i>Structural Engineering and Mechanics</i> , 2013, 46, 695-711.	1.0	8
65	Effect of Second Order Analysis on the Drift Reliability of Steel Buildings. <i>Advances in Structural Engineering</i> , 2012, 15, 1989-1999.	1.2	4
66	A numerical study on seismic performance of strap-braced cold-formed steel shear walls. <i>Thin-Walled Structures</i> , 2012, 60, 229-238.	2.7	34
67	Investigating the Effect of Prior Damage on the Post-earthquake Fire Resistance of Reinforced Concrete Portal Frames. <i>International Journal of Concrete Structures and Materials</i> , 2012, 6, 209-220.	1.4	37
68	Plastic hinge length of FRP strengthened reinforced concrete columns subjected to both far-fault and near-fault ground motions. <i>Scientia Iranica</i> , 2012, 19, 1365-1378.	0.3	19
69	Finite element analysis and seismic rehabilitation of a 1000-year-old heritage listed tall masonry mosque. <i>Structural Design of Tall and Special Buildings</i> , 2012, 21, 334-353.	0.9	16
70	Effect of relative intensity of wind load on the RC column reliability in tall buildings. <i>Structural Design of Tall and Special Buildings</i> , 2012, 21, 492-504.	0.9	1
71	Investigating the reliability of RC beams of tall buildings designed based on the new ACI 318-05/ASCE 7-05. <i>Structural Design of Tall and Special Buildings</i> , 2012, 21, 592-604.	0.9	0
72	Plastic hinge relocation in RC joints as an alternative method of retrofitting using FRP. <i>Composite Structures</i> , 2012, 94, 2433-2439.	3.1	50

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73	Lateral performance and load carrying capacity of an unreinforced, CFRP-retrofitted historical masonry vault – A case study. <i>Construction and Building Materials</i> , 2012, 28, 146-156.	3.2	32
74	Experimental investigation and nonlinear FE analysis of historical masonry buildings – A case study. <i>Construction and Building Materials</i> , 2012, 35, 251-260.	3.2	49
75	An experimental investigation on the lateral behavior of knee-braced cold-formed steel shear walls. <i>Thin-Walled Structures</i> , 2012, 51, 64-75.	2.7	37
76	Seismic characteristics of K-braced cold-formed steel shear walls. <i>Journal of Constructional Steel Research</i> , 2012, 77, 23-31.	1.7	43
77	Effects of cross-sectional shape on the reliability of RC columns. <i>Structural Concrete</i> , 2011, 12, 262-269.	1.5	3
78	A numerical study on seismic characteristics of knee-braced cold formed steel shear walls. <i>Thin-Walled Structures</i> , 2011, 49, 1517-1525.	2.7	20
79	Effectiveness of modified pushover analysis procedure for the estimation of seismic demands of buildings subjected to near-fault earthquakes having forward directivity. <i>Structural Design of Tall and Special Buildings</i> , 2011, 20, 679-699.	0.9	19
80	Web-bonded FRPs for relocation of plastic hinges away from the column face in exterior RC joints. <i>Composite Structures</i> , 2011, 93, 2460-2472.	3.1	65
81	Torsional and flexural buckling of composite FRP columns with cruciform sections considering local instabilities. <i>Composite Structures</i> , 2011, 93, 2575-2586.	3.1	13
82	Strength and ductility of FRP web-bonded RC beams for the assessment of retrofitted beam-column joints. <i>Composite Structures</i> , 2010, 92, 1325-1332.	3.1	61
83	Seismic evaluation of FRP strengthened RC buildings subjected to near-fault ground motions having fling step. <i>Composite Structures</i> , 2010, 92, 1200-1211.	3.1	29
84	Better connection details for strap-braced CFS stud walls in seismic regions. <i>Thin-Walled Structures</i> , 2009, 47, 122-135.	2.7	30
85	Performance of light-gauge cold-formed steel strap-braced stud walls subjected to cyclic loading. <i>Engineering Structures</i> , 2009, 31, 69-83.	2.6	81
86	Numerical modelling of FRP strengthened RC beam-column joints. <i>Structural Engineering and Mechanics</i> , 2009, 32, 649-665.	1.0	20
87	Exact free vibration analysis of axially moving viscoelastic plates. <i>Computers and Structures</i> , 2008, 86, 1738-1746.	2.4	82
88	Development of a numerical model for bridge-vehicle interaction and human response to traffic-induced vibration. <i>Engineering Structures</i> , 2008, 30, 3808-3819.	2.6	38
89	Impact factors for a composite steel bridge using non-linear dynamic simulation. <i>International Journal of Impact Engineering</i> , 2008, 35, 1228-1243.	2.4	39
90	Analytical Method for Evaluating Ultimate Torque of FRP Strengthened Reinforced Concrete Beams. <i>Journal of Composites for Construction</i> , 2007, 11, 384-390.	1.7	29

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91	Strength Analysis of Steel-Concrete Composite Beams in Combined Bending and Shear. Journal of Structural Engineering, 2005, 131, 1593-1600.	1.7	92
92	Ultimate strength of continuous composite beams in combined bending and shear. Journal of Constructional Steel Research, 2004, 60, 1109-1128.	1.7	60
93	An Analytical Solution for the Elastic Lateral-Distortional Buckling of I-section Beams. Advances in Structural Engineering, 2004, 7, 189-200.	1.2	19
94	Distortional Buckling of I-Beams by Finite Element Method. Advances in Structural Engineering, 2004, 7, 71-80.	1.2	4
95	Nonlinear analysis of thin-walled members of variable cross-section. Part I: Theory. Computers and Structures, 2000, 77, 285-299.	2.4	61
96	Nonlinear analysis of thin-walled members of variable cross-section. Part II: Application. Computers and Structures, 2000, 77, 301-313.	2.4	49
97	Generalized Elastic Buckling of Restrained I-Beams by FEM. Journal of Structural Engineering, 1997, 123, 1631-1637.	1.7	52
98	Calculation of Eigenvectors with Uniform Accuracy. Journal of Engineering Mechanics - ASCE, 1995, 121, 948-955.	1.6	12
99	Parameters Affecting Distortional Buckling of Tapered Steel Members. Journal of Structural Engineering, 1994, 120, 3137-3155.	1.7	13
100	Some notes on finite element buckling formulations for beams. Computers and Structures, 1994, 52, 1119-1126.	2.4	20
101	Elastic distortional buckling of tapered I-beams. Engineering Structures, 1994, 16, 97-110.	2.6	13