

Hamid Ronagh

List of Publications by Citations

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101
papers

1,930
citations

26
h-index

37
g-index

101
ext. papers

2,254
ext. citations

3.6
avg, IF

5.47
L-index

#	Paper	IF	Citations
101	Strength Analysis of Steel-Concrete Composite Beams in Combined Bending and Shear. <i>Journal of Structural Engineering</i> , 2005 , 131, 1593-1600	3	68
100	Performance of light-gauge cold-formed steel strap-braced stud walls subjected to cyclic loading. <i>Engineering Structures</i> , 2009 , 31, 69-83	4.7	67
99	Interlocking system for enhancing the integrity of multi-storey modular buildings. <i>Automation in Construction</i> , 2018 , 85, 263-272	9.6	67
98	Exact free vibration analysis of axially moving viscoelastic plates. <i>Computers and Structures</i> , 2008 , 86, 1738-1746	4.5	66
97	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	5.3	51
96	Seismic performance of cold formed steel walls sheathed by fibre-cement board panels. <i>Journal of Constructional Steel Research</i> , 2015 , 107, 1-11	3.8	49
95	Ultimate strength of continuous composite beams in combined bending and shear. <i>Journal of Constructional Steel Research</i> , 2004 , 60, 1109-1128	3.8	49
94	Nonlinear analysis of thin-walled members of variable cross-section. Part I: Theory. <i>Computers and Structures</i> , 2000 , 77, 285-299	4.5	49
93	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	5.3	48
92	Identification of Factors and Decision Analysis of the Level of Modularization in Building Construction. <i>Journal of Architectural Engineering</i> , 2018 , 24, 04018010	1.5	47
91	Generalized Elastic Buckling of Restrained I-Beams by FEM. <i>Journal of Structural Engineering</i> , 1997 , 123, 1631-1637	3	45
90	Plastic hinge relocation in RC joints as an alternative method of retrofitting using FRP. <i>Composite Structures</i> , 2012 , 94, 2433-2439	5.3	44
89	Automated spatial design of multi-story modular buildings using a unified matrix method. <i>Automation in Construction</i> , 2017 , 82, 31-42	9.6	43
88	Nonlinear analysis of thin-walled members of variable cross-section. Part II: Application. <i>Computers and Structures</i> , 2000 , 77, 301-313	4.5	42
87	Numerical models for lateral behaviour analysis of cold-formed steel framed walls: State of the art, evaluation and challenges. <i>Thin-Walled Structures</i> , 2019 , 138, 252-285	4.7	41
86	Lateral force resisting systems in lightweight steel frames: Recent research advances. <i>Thin-Walled Structures</i> , 2018 , 130, 231-253	4.7	40
85	Experimental investigation and nonlinear FE analysis of historical masonry buildings – A case study. <i>Construction and Building Materials</i> , 2012 , 35, 251-260	6.7	39

84	Composite repair of pipelines, considering the effect of live pressure-analytical and numerical models with respect to ISO/TS 24817 and ASME PCC-2. <i>Composites Part B: Engineering</i> , 2014 , 58, 605-610 ¹⁰		37
83	An experimental investigation on the seismic behavior of cold-formed steel walls sheathed by thin steel plates. <i>Thin-Walled Structures</i> , 2014 , 80, 66-79	4.7	32
82	Correlation between seismic parameters of far-fault motions and damage indices of low-rise reinforced concrete frames. <i>Soil Dynamics and Earthquake Engineering</i> , 2014 , 66, 102-112	3.5	32
81	Development of a numerical model for bridge-vehicle interaction and human response to traffic-induced vibration. <i>Engineering Structures</i> , 2008 , 30, 3808-3819	4.7	31
80	Impact factors for a composite steel bridge using non-linear dynamic simulation. <i>International Journal of Impact Engineering</i> , 2008 , 35, 1228-1243	4	30
79	Seismic characteristics of K-braced cold-formed steel shear walls. <i>Journal of Constructional Steel Research</i> , 2012 , 77, 23-31	3.8	29
78	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	2.8	29
77	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	6.7	27
76	Performance of reinforced concrete structures subjected to fire following earthquake. <i>European Journal of Environmental and Civil Engineering</i> , 2013 , 17, 270-292	1.5	27
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	4.7	26
74	A numerical study on seismic performance of strap-braced cold-formed steel shear walls. <i>Thin-Walled Structures</i> , 2012 , 60, 229-238	4.7	26
73	Better connection details for strap-braced CFS stud walls in seismic regions. <i>Thin-Walled Structures</i> , 2009 , 47, 122-135	4.7	26
72	Effect of span length on progressive collapse behaviour of steel moment resisting frames. <i>Structures</i> , 2015 , 3, 81-89	3.4	24
71	Analytical Method for Evaluating Ultimate Torque of FRP Strengthened Reinforced Concrete Beams. <i>Journal of Composites for Construction</i> , 2007 , 11, 384-390	3.3	24
70	Seismic evaluation of FRP strengthened RC buildings subjected to near-fault ground motions having fling step. <i>Composite Structures</i> , 2010 , 92, 1200-1211	5.3	23
69	A new damage index for reinforced concrete structures. <i>Earthquake and Structures</i> , 2014 , 6, 581-609		22
68	An experimental study into the capacity of cold-formed steel truss connections. <i>Journal of Constructional Steel Research</i> , 2016 , 127, 176-186	3.8	21
67	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	3.3	20

66	Behavior of moment-resisting tall steel structures exposed to a vertically traveling post-earthquake fire. <i>Structural Design of Tall and Special Buildings</i> , 2014 , 23, 1083-1096	1.8	19
65	Numerical modelling of FRP strengthened RC beam-column joints. <i>Structural Engineering and Mechanics</i> , 2009 , 32, 649-665		19
64	Investigation of a Method for Strengthening Perforated Cold-Formed Steel Profiles under Compression Loads. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 5085	2.6	19
63	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	1.8	18
62	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	1.5	18
61	A numerical study on seismic characteristics of knee-braced cold formed steel shear walls. <i>Thin-Walled Structures</i> , 2011 , 49, 1517-1525	4.7	18
60	An Analytical Solution for the Elastic Lateral-Distortional Buckling of I-section Beams. <i>Advances in Structural Engineering</i> , 2004 , 7, 189-200	1.9	18
59	Some notes on finite element buckling formulations for beams. <i>Computers and Structures</i> , 1994 , 52, 1119-1126	1.3	18
58	Lateral behaviour of hybrid cold-formed and hot-rolled steel wall systems: Experimental investigation. <i>Journal of Constructional Steel Research</i> , 2018 , 147, 422-432	3.8	18
57	Development of a nonlinear FE modelling approach for FRP-strengthened RC beam-column connections. <i>Structures</i> , 2015 , 3, 272-281	3.4	16
56	Reducing the seismic damage of reinforced concrete frames using FRP confinement. <i>Composite Structures</i> , 2014 , 118, 403-415	5.3	16
55	Probabilistic assessment of FRP-confined reinforced concrete columns. <i>Composite Structures</i> , 2016 , 153, 851-865	5.3	16
54	Elastic distortional buckling of doubly symmetric steel I-section beams with slender webs. <i>Thin-Walled Structures</i> , 2014 , 84, 289-301	4.7	15
53	Numerical investigation of the affecting parameters on the shear failure of Nonductile RC exterior joints. <i>Engineering Failure Analysis</i> , 2014 , 46, 62-75	3.2	15
52	Effect of elaborate plastic hinge definition on the pushover analysis of reinforced concrete buildings. <i>Structural Design of Tall and Special Buildings</i> , 2014 , 23, 254-271	1.8	15
51	On the FE Modeling of FRP-Retrofitted Beam-Column Subassemblies. <i>International Journal of Concrete Structures and Materials</i> , 2014 , 8, 141-155	2.8	14
50	Seismic collapse assessment of a hybrid cold-formed hot-rolled steel building. <i>Journal of Constructional Steel Research</i> , 2019 , 155, 504-516	3.8	13
49	Post-Earthquake Fire performance-based behavior of unprotected moment resisting 2D steel frames. <i>KSCE Journal of Civil Engineering</i> , 2015 , 19, 274-284	1.9	13

48	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	1.8	12
47	Torsional and flexural buckling of composite FRP columns with cruciform sections considering local instabilities. <i>Composite Structures</i> , 2011 , 93, 2575-2586	5.3	12
46	Parameters Affecting Distortional Buckling of Tapered Steel Members. <i>Journal of Structural Engineering</i> , 1994 , 120, 3137-3155	3	12
45	Elastic distortional buckling of tapered I-beams. <i>Engineering Structures</i> , 1994 , 16, 97-110	4.7	12
44	Lateral performance of a new hybrid CFS shear wall panel for mid-rise construction. <i>Journal of Constructional Steel Research</i> , 2020 , 168, 106000	3.8	11
43	Post-earthquake fire resistance of CFRP strengthened reinforced concrete structures. <i>Structural Design of Tall and Special Buildings</i> , 2014 , 23, 814-832	1.8	11
42	Buckling analysis of thin-walled cold-formed steel structural members using complex finite strip method. <i>Thin-Walled Structures</i> , 2015 , 90, 74-83	4.7	11
41	Calculation of Eigenvectors with Uniform Accuracy. <i>Journal of Engineering Mechanics - ASCE</i> , 1995 , 121, 948-955	2.4	11
40	Numerical evaluation of the post-earthquake fire resistance of CFRP-strengthened reinforced concrete joints based on experimental observations. <i>European Journal of Environmental and Civil Engineering</i> , 2016 , 20, 142-160	1.5	10
39	An Engineering Solution to Improve Post-Earthquake Fire Resistance in Important Reinforced Concrete Structures. <i>Advances in Structural Engineering</i> , 2014 , 17, 993-1009	1.9	10
38	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	1.8	10
37	Experimental Study on Seismic Performance of Strap-Braced Cold-Formed Steel Shear Walls. <i>Advances in Structural Engineering</i> , 2013 , 16, 245-257	1.9	10
36	Numerical modelling and design of hybrid cold-formed steel wall panels. <i>Thin-Walled Structures</i> , 2020 , 157, 107084	4.7	10
35	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	0.9	9
34	Flexural strengthening of continuous unbonded post-tensioned concrete beams with end-anchored CFRP laminates. <i>Structural Engineering and Mechanics</i> , 2015 , 53, 1083-1104		9
33	Seismic characteristics of hybrid cold-formed steel wall panels. <i>Structures</i> , 2020 , 27, 718-731	3.4	8
32	Performance-Based Vulnerability Assessment of Multi-Story Reinforced Concrete Structures Exposed to Pre- and Post-Earthquake Fire. <i>Journal of Earthquake Engineering</i> , 2014 , 18, 853-875	1.8	8
31	Correlation between parameters of pulse-type motions and damage of low-rise RC frames. <i>Earthquake and Structures</i> , 2014 , 7, 365-384		8

30	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	3.9	8
29	Cyclic performance of bolted end-plate RWS connection with vertical-slits. <i>Journal of Constructional Steel Research</i> , 2020 , 173, 106236	3.8	8
28	Seismic performance of CFS strap-braced walls using capacity-based design approach. <i>Journal of Constructional Steel Research</i> , 2020 , 174, 106317	3.8	7
27	Robustness assessment of a generic steel fire-protected moment-resisting frame under travelling fire. <i>European Journal of Environmental and Civil Engineering</i> , 2018 , 22, 64-81	1.5	7
26	Plastic Hinge Relocation in Reinforced Concrete Frames as a Method of Improving Post-earthquake Fire Resistance. <i>Structures</i> , 2015 , 2, 21-31	3.4	7
25	Post-earthquake fire performance-based behavior of reinforced concrete structures. <i>Earthquake and Structures</i> , 2013 , 5, 379-394		7
24	Cyclic behaviour of elliptical-shaped reduced web section connection. <i>Structures</i> , 2020 , 24, 955-973	3.4	6
23	Effect of inverted-V bracing on retrofitting against progressive collapse of steel moment resisting frames. <i>International Journal of Steel Structures</i> , 2017 , 17, 1103-1113	1.3	6
22	Investigating the effect of bond slip on the seismic response of RC structures. <i>Structural Engineering and Mechanics</i> , 2013 , 46, 695-711		6
21	Reliability of corroded thin walled pipes repaired with composite overwrap. <i>Thin-Walled Structures</i> , 2014 , 85, 201-206	4.7	5
20	A reliability-based investigation into ductility measures of RC beams designed according to fib Model Code 2010. <i>Structural Concrete</i> , 2015 , 16, 546-557	2.6	5
19	Performance of gypsum sheathed CFS panels under combined lateral and gravity loading. <i>Journal of Constructional Steel Research</i> , 2020 , 170, 106125	3.8	5
18	Reliability of ductility requirements in concrete design codes. <i>Structural Safety</i> , 2016 , 62, 76-87	4.9	5
17	Distortional Buckling of I-Beams by Finite Element Method. <i>Advances in Structural Engineering</i> , 2004 , 7, 71-80	1.9	4
16	Near-surface-mounted retrofitting of damaged/undamaged adobe walls using steel bars: Analytical evaluation of experimental results. <i>Structures</i> , 2020 , 28, 2111-2121	3.4	4
15	Risk mitigation of post-earthquake fire in urban buildings. <i>Journal of Risk Research</i> , 2015 , 18, 602-621	4.2	3
14	Reliability analysis of moment redistribution in reinforced concrete beams. <i>Magazine of Concrete Research</i> , 2013 , 65, 769-779	2	3
13	Effect of Second Order Analysis on the Drift Reliability of Steel Buildings. <i>Advances in Structural Engineering</i> , 2012 , 15, 1989-1999	1.9	3

12	Span length effect on alternate load path capacity of welded unreinforced flange-bolted web connections. <i>Journal of Constructional Steel Research</i> , 2017 , 138, 714-728	3.8	2
11	A Probabilistic Study on the Ductility of Reinforced Concrete Sections. <i>Advances in Structural Engineering</i> , 2014 , 17, 1315-1327	1.9	2
10	Changes in mechanical properties of GFRP composite after exposure to warm seawater. <i>Journal of Composite Materials</i> , 2017 , 51, 2733-2742	2.7	1
9	Effects of cross-sectional shape on the reliability of RC columns. <i>Structural Concrete</i> , 2011 , 12, 262-269	2.6	1
8	Cyclic behavior of welded elliptical-shaped RWS moment frame. <i>Journal of Constructional Steel Research</i> , 2020 , 175, 106319	3.8	1
7	Seismic performance of stabilised/unstabilised rammed earth walls. <i>Engineering Structures</i> , 2021 , 245, 112982	4.7	1
6	A practical design approach to bolted end-plate vertical-slits RWS connection. <i>Bulletin of Earthquake Engineering</i> , 1	3.7	0
5	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	1.8	
4	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	1.8	
3	Probabilistic models for curvature ductility and moment redistribution of RC beams. <i>Computers and Concrete</i> , 2015 , 16, 191-207		
2	Sand-coated reeds as an innovative reinforcement for improving the in-plane seismic behavior of adobe walls. <i>Construction and Building Materials</i> , 2022 , 326, 126882	6.7	
1	Shear buckling behavior of tapered cantilever beams with corrugated trapezoidal web under concentrated tip load. <i>Journal of Constructional Steel Research</i> , 2022 , 193, 107265	3.8	