

# Cheol-Ho Lee

## List of Publications by Year in descending order

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52  
papers

1,017  
citations

471509

17  
h-index

434195

31  
g-index

53  
all docs

53  
docs citations

53  
times ranked

564  
citing authors

#	ARTICLE	IF	CITATIONS
1	Behavior of Double Skin Composite Wall Subjected to In-Plane Cyclic Loading. Journal of Structural Engineering, 2009, 135, 1239-1249.	3.4	134
2	Effects of Panel Zone Strength and Beam Web Connection Method on Seismic Performance of Reduced Beam Section Steel Moment Connections. Journal of Structural Engineering, 2005, 131, 1854-1865.	3.4	101
3	Simplified nonlinear progressive collapse analysis of welded steel moment frames. Journal of Constructional Steel Research, 2009, 65, 1130-1137.	3.9	81
4	Flexural Strength and Rotation Capacity of I-Shaped Beams Fabricated from 800-MPa Steel. Journal of Structural Engineering, 2013, 139, 1043-1058.	3.4	76
5	Strength and residual stress evaluation of stub columns fabricated from 800MPa high-strength steel. Journal of Constructional Steel Research, 2014, 102, 111-120.	3.9	57
6	Seismic Design of Rib-Reinforced Steel Moment Connections based on Equivalent Strut Model. Journal of Structural Engineering, 2002, 128, 1121-1129.	3.4	51
7	Parallel Axial-Flexural Hinge Model for Nonlinear Dynamic Progressive Collapse Analysis of Welded Steel Moment Frames. Journal of Structural Engineering, 2010, 136, 165-173.	3.4	43
8	Experimental and Numerical Study of Cold-Formed High-Strength Steel CHS X-Joints. Journal of Structural Engineering, 2017, 143, .	3.4	40
9	Cyclic seismic testing of steel moment connections reinforced with welded straight haunch. Engineering Structures, 2003, 25, 1743-1753.	5.3	39
10	Seismic design of reduced beam section steel moment connections with bolted web attachment. Journal of Constructional Steel Research, 2007, 63, 522-531.	3.9	33
11	Investigation of Composite Slab Effect on Seismic Performance of Steel Moment Connections. Journal of Constructional Steel Research, 2016, 117, 91-100.	3.9	26
12	Fire behavior and resistance of partially encased and slim-floor composite beams. Journal of Constructional Steel Research, 2017, 129, 276-285.	3.9	26
13	Analytical Modeling and Seismic Design of Steel Moment Connections with Welded Straight Haunch. Journal of Structural Engineering, 2001, 127, 1028-1035.	3.4	25
14	Flexural behavior of high-strength steel hybrid composite beams. Journal of Constructional Steel Research, 2018, 149, 269-281.	3.9	23
15	Effects of floor slab on progressive collapse resistance of steel moment frames. Journal of Constructional Steel Research, 2015, 110, 182-190.	3.9	22
16	Analytical Modeling of Dual Panel Zone in Haunch Repaired Steel MRFs. Journal of Structural Engineering, 1997, 123, 20-29.	3.4	18
17	Seismic retrofit of welded steel moment connections with highly composite floor slabs. Journal of Constructional Steel Research, 2017, 139, 62-68.	3.9	18
18	Description of asymmetric hysteretic behavior based on the Bouc-Wen model and piecewise linear strength-degradation functions. Engineering Structures, 2019, 181, 181-191.	5.3	18

#	ARTICLE	IF	CITATIONS
19	Analysis and optimization of multiple tuned mass dampers with coulomb dry friction. Engineering Structures, 2020, 209, 110011.	5.3	15
20	Peak response of frictional tuned mass dampers optimally designed to white noise base acceleration. Mechanical Systems and Signal Processing, 2019, 117, 319-332.	8.0	14
21	Shake-Table Seismic Performance Evaluation of Direct- and Indirect-Hung Suspended Ceiling Systems. Journal of Earthquake Engineering, 2022, 26, 4833-4851.	2.5	14
22	A simplified analytical story drift evaluation of steel moment frames with radius-cut reduced beam section. Journal of Constructional Steel Research, 2007, 63, 564-570.	3.9	13
23	Prediction of fire resistance of steel beams with considering structural and thermal parameters. Fire Safety Journal, 2013, 56, 65-73.	3.1	12
24	Elastic flange local buckling of I-shaped beams considering effect of web restraint. Thin-Walled Structures, 2016, 105, 101-111.	5.3	12
25	Structural performance of CHS X-joints fabricated from high-strength steel. Steel Construction, 2018, 11, 278-285.	0.8	12
26	Experimental and Analytical Study of High-Strength Steel RHS X-Joints under Axial Compression. Journal of Structural Engineering, 2019, 145, .	3.4	10
27	Strength prediction of steel CHS X-joints via leveraging finite element method and machine learning solutions. Journal of Constructional Steel Research, 2021, 176, 106394.	3.9	10
28	Prediction of Column Axial Forces in Inverted V-braced Seismic Steel Frames Considering Brace Buckling. Journal of Structural Engineering, 2011, 137, 1440-1450.	3.4	9
29	Investigation of high-strength steel CHS X-joints loaded in compression including effect of chord stresses. Engineering Structures, 2020, 205, 110052.	5.3	9
30	Generalized Load Deformation Relationship for Bearing-Type Single-Bolted Connections. Journal of Structural Engineering, 2020, 146, .	3.4	8
31	Effective impulse model for prediction of vibration response of high-frequency steel staircases. Journal of Constructional Steel Research, 2016, 126, 129-138.	3.9	4
32	Experimental and analytical study of combined bolted-welded lap joints including high-strength steel. Journal of Constructional Steel Research, 2020, 168, 105995.	3.9	4
33	Chord Sidewall Failure of RHS X-Joints in Compression and Associated Design Recommendations. Journal of Structural Engineering, 2021, 147, .	3.4	4
34	Shake table testing of braced and Friction-Added suspended ceilings and associated numerical study. Engineering Structures, 2022, 252, 113724.	5.3	4
35	Deformation and strain limits for IPB-loaded high strength steel CHS joints. Thin-Walled Structures, 2022, 179, 109681.	5.3	4
36	Cyclic Seismic Performance of Weak-Axis RBS Welded Steel Moment Connections. International Journal of Steel Structures, 2019, 19, 1592-1604.	1.3	3

#	ARTICLE	IF	CITATIONS
37	Experimental investigation of CHS T/Yâ€¦joints fabricated from highâ€¦strength steel. Steel Construction, 2021, 14, 167-184.	0.8	3
38	Analytical Strength Prediction Model for Full-Width Circular Hollow Section X-Joints. Journal of Structural Engineering, 2021, 147, .	3.4	3
39	Chord plastification strength of longitudinal plate-to-CHS joints with steel grade up to 460 MPa under combined axial compression and in-plane bending. Journal of Constructional Steel Research, 2021, 184, 106804.	3.9	3
40	Numerical Study of High-strength Steel CHS X-joints Including Effects of Chord Stresses. Journal of Korean Society of Steel Construction, 2018, 30, 115-126.	0.5	3
41	Simplified Method for Estimation of Beam Plastic Rotation Demand in Special Moment-Resisting Steel-Frame Structures. Journal of Structural Engineering, 2013, 139, 1906-1916.	3.4	2
42	Effects of Moment Gradient on Elastic Flange Local Buckling of I-Shaped Beams. International Journal of Steel Structures, 2018, 18, 947-959.	1.3	2
43	Analysis of Dynamic Behavior of Seismic and Non-Seismic Suspended Ceiling Systems Based on Shake-Table Testing. Journal of Korean Society of Steel Construction, 2021, 33, 63-74.	0.5	2
44	Nondimensionalized Boucâ€¦Wen model with structural degradation for Kalman filterâ€¦based real-time monitoring. Engineering Structures, 2021, 244, 112674.	5.3	2
45	Analytical Modeling and Strength Prediction of CHS XX-Joints Subjected to Brace Axial Compression. Journal of Korean Society of Steel Construction, 2022, 34, 129-140.	0.5	2
46	An Evaluation of Design Equations for Steel Column at Elevated Temperatures. Journal of Korean Society of Steel Construction, 2021, 33, 21-29.	0.5	1
47	Static Behaviour of Highâ€¦Strength Steel CHS Tâ€¦Joints under Inâ€¦Plane Moment Loading. Ce/Papers, 2021, 4, 1599-1605.	0.3	1
48	Local Buckling and Inelastic behaviour of Flexural Members Fabricated from 800MPa Tensile-Strength Steel. , 2012, , .		0
49	Prediction of Temperature Distribution and Strength of Unprotected Mega CFT Columns Exposed to Standard Fire. Journal of Korean Society of Steel Construction, 2021, 33, 1-10.	0.5	0
50	Analytical Modeling of Load-Deformation Relationship and Design Strength of Combined Welded-Bolted Lap Joints. Journal of Korean Society of Steel Construction, 2018, 30, 277-288.	0.5	0
51	Effects of Web Restraint and Moment Gradient on Local Buckling of Slender Flange in H-shaped Beams. Journal of Korean Society of Steel Construction, 2018, 30, 245-256.	0.5	0
52	Behavior and Strength of Block Shear in High-Strength Steel Lap Joint. Journal of Korean Society of Steel Construction, 2018, 30, 391-400.	0.5	0