

# Cheol-Ho Lee

## List of Publications by Year in descending order

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52  
papers

1,017  
citations

471509

17  
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434195

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all docs

53  
docs citations

53  
times ranked

564  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shake-Table Seismic Performance Evaluation of Direct- and Indirect-Hung Suspended Ceiling Systems. Journal of Earthquake Engineering, 2022, 26, 4833-4851.	2.5	14
2	Shake table testing of braced and Friction-Added suspended ceilings and associated numerical study. Engineering Structures, 2022, 252, 113724.	5.3	4
3	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
4	Deformation and strain limits for IPB-loaded high strength steel CHS joints. Thin-Walled Structures, 2022, 179, 109681.	5.3	4
5	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
6	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
7	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
8	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
9	Experimental investigation of CHS T/Y-joints fabricated from high-strength steel. Steel Construction, 2021, 14, 167-184.	0.8	3
10	Chord Sidewall Failure of RHS X-Joints in Compression and Associated Design Recommendations. Journal of Structural Engineering, 2021, 147, .	3.4	4
11	Static Behaviour of High-Strength Steel CHS T-joints under In-Plane Moment Loading. Ce/Papers, 2021, 4, 1599-1605.	0.3	1
12	Analytical Strength Prediction Model for Full-Width Circular Hollow Section X-Joints. Journal of Structural Engineering, 2021, 147, .	3.4	3
13	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
14	Nondimensionalized Bouc-Wen model with structural degradation for Kalman filter-based real-time monitoring. Engineering Structures, 2021, 244, 112674.	5.3	2
15	Analysis and optimization of multiple tuned mass dampers with coulomb dry friction. Engineering Structures, 2020, 209, 110011.	5.3	15
16	Investigation of high-strength steel CHS X-joints loaded in compression including effect of chord stresses. Engineering Structures, 2020, 205, 110052.	5.3	9
17	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
18	Generalized Load Deformation Relationship for Bearing-Type Single-Bolted Connections. Journal of Structural Engineering, 2020, 146, .	3.4	8

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19	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
20	Experimental and Analytical Study of High-Strength Steel RHS X-Joints under Axial Compression. Journal of Structural Engineering, 2019, 145, .	3.4	10
21	Cyclic Seismic Performance of Weak-Axis RBS Welded Steel Moment Connections. International Journal of Steel Structures, 2019, 19, 1592-1604.	1.3	3
22	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
23	Structural performance of CHS X-joints fabricated from high-strength steel. Steel Construction, 2018, 11, 278-285.	0.8	12
24	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
25	Flexural behavior of high-strength steel hybrid composite beams. Journal of Constructional Steel Research, 2018, 149, 269-281.	3.9	23
26	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
27	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
28	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
29	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
30	Experimental and Numerical Study of Cold-Formed High-Strength Steel CHS X-Joints. Journal of Structural Engineering, 2017, 143, .	3.4	40
31	Fire behavior and resistance of partially encased and slim-floor composite beams. Journal of Constructional Steel Research, 2017, 129, 276-285.	3.9	26
32	Seismic retrofit of welded steel moment connections with highly composite floor slabs. Journal of Constructional Steel Research, 2017, 139, 62-68.	3.9	18
33	Elastic flange local buckling of I-shaped beams considering effect of web restraint. Thin-Walled Structures, 2016, 105, 101-111.	5.3	12
34	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
35	Investigation of Composite Slab Effect on Seismic Performance of Steel Moment Connections. Journal of Constructional Steel Research, 2016, 117, 91-100.	3.9	26
36	Effects of floor slab on progressive collapse resistance of steel moment frames. Journal of Constructional Steel Research, 2015, 110, 182-190.	3.9	22

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37	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
38	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
39	Prediction of fire resistance of steel beams with considering structural and thermal parameters. Fire Safety Journal, 2013, 56, 65-73.	3.1	12
40	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
41	Local Buckling and Inelastic behaviour of Flexural Members Fabricated from 800MPa Tensile-Strength Steel. , 2012, , .		0
42	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
43	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
44	Behavior of Double Skin Composite Wall Subjected to In-Plane Cyclic Loading. Journal of Structural Engineering, 2009, 135, 1239-1249.	3.4	134
45	Simplified nonlinear progressive collapse analysis of welded steel moment frames. Journal of Constructional Steel Research, 2009, 65, 1130-1137.	3.9	81
46	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
47	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
48	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
49	Cyclic seismic testing of steel moment connections reinforced with welded straight haunch. Engineering Structures, 2003, 25, 1743-1753.	5.3	39
50	Seismic Design of Rib-Reinforced Steel Moment Connections based on Equivalent Strut Model. Journal of Structural Engineering, 2002, 128, 1121-1129.	3.4	51
51	Analytical Modeling and Seismic Design of Steel Moment Connections with Welded Straight Haunch. Journal of Structural Engineering, 2001, 127, 1028-1035.	3.4	25
52	Analytical Modeling of Dual Panel Zone in Haunch Repaired Steel MRFs. Journal of Structural Engineering, 1997, 123, 20-29.	3.4	18