Satoshi Yamada

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

160 papers	655 citations	12 h-index	18 g-index
161 ext. papers	732 ext. citations	0.8 avg, IF	3.71 L-index

#	Paper	IF	Citations
160	Cyclic behaviors of SHS columns subjected to small amplitude loading. *Engineering Structures*, **2022**, 252, 113611	4.7	
159	Collapse behavior of weak column type steel moment resisting frames built with square hollow section columns subjected to bi-directional horizontal ground motion. *Journal of Building Engineering*, **2022**, 48, 103960	5.2	
158	Effect of column strength deterioration on the performance of steel moment-resisting frames subjected to multiple strong ground motions. *Engineering Structures*, **2021**, 252, 113579	4.7	0
157	Deformation capacity of 400 N/mm2 class structural steel under extremely large strains. *Journal of Constructional Steel Research*, **2021**, 182, 106678	3.8	0
156	STRUCTURAL BEHAVIOR OF BEAM-END PIN DETAILED CONNECTION WITH SLAB. *Journal of Structural and Construction Engineering*, **2021**, 86, 287-297	0.4	
155	EFFECTS OF INPUT DIRECTION ON COLLAPSE MECHANISM AND STORY DRIFT FOR LOW AND MIDDLE-RISE STEEL MOMENT FRAMES. *Journal of Structural and Construction Engineering*, **2021**, 86, 491-500	0.4	
154	Evaluation of Earthquake Resistance of Steel Moment Resisting Frames. *Lecture Notes in Civil Engineering*, **2021**, 293-302	0.3	
153	Cumulative deformation capacity of structural steel subjected to extremely large amplitude strain histories. *Journal of Building Engineering*, **2021**, 41, 102649	5.2	
152	Experimental study of concrete breakout failure mechanism in an exposed column base with a foundation beam. *Engineering Structures*, **2021**, 243, 112661	4.7	0
151	Experimental study on full-scale steel moment-resisting frames with nonstructural walls subjected to multiple earthquakes. *Engineering Structures*, **2021**, 242, 112549	4.7	0
150	Method of reinforcement for joints between steel roofs and RC columns in existing buildings. *Engineering Structures*, **2020**, 209, 110255	4.7	2
149	FULL SCALE LOADING TEST UP TO LARGE STORY DRIFT ON EXTERIOR WALL OF ALC PANEL WITH WINDOW AND DOOR ATTACHED TO STEEL MOMENT FRAME. *AIJ Journal of Technology and Design*, **2020**, 26, 869-874	0.2	2
148	COLLAPSE MECHANISM AND DISPLACEMENT OF LOW AND MIDDLE-RISE STEEL MOMENT FRAMES UNDER HORIZONTAL BI-DIRECTIONAL GROUND MOTIONS. *Journal of Structural and Construction Engineering*, **2020**, 85, 749-758	0.4	
147	SHEAR STRENGTH OF SRC BEAM-TO-COLUMN JOINTS WITH CONCRETE FILLED SQUARE TUBULAR COLUMN. *Journal of Structural and Construction Engineering*, **2020**, 85, 1091-1101	0.4	1
146	Energy-Based Prediction of the Displacement of DCFP Bearings. *Applied Sciences (Switzerland)*, **2020**, 10, 5259	2.6	1
145	Experimental Study of the Ductility of a Submerged Arc Welded Corner Joint in a High-Performance Steel Built-Up Box Column. *International Journal of Steel Structures*, **2020**, 20, 1454-1464	1.3	
144	A Concise Hysteretic Model of 590 N/mm2 Grade High Performance Steel Considering the Bauschinger Effect. *International Journal of Steel Structures*, **2020**, 20, 1979-1988	1.3	0

143	Effect of Column Base Behavior on Seismic Performance of Multi-Story Steel Moment Resisting Frames. *International Journal of Structural Stability and Dynamics*, **2019**, 19, 1940007	1.9	6
142	STUDY ON THE SEISMIC RETROFIT OF ANGLE BRACE JOINT USING KNEE MEMBERS. *Journal of Structural and Construction Engineering*, **2019**, 84, 1589-1599	0.4	0
141	Low-cycle fatigue performance assessment of current Japanese steel beam-to-column connections determined by ductile fracture. *Engineering Structures*, **2019**, 182, 241-250	4.7	10
140	Fracture strength of electroslag welding joint with high-performance steel. *Journal of Constructional Steel Research*, **2019**, 153, 495-508	3.8	7
139	Seismic Performance of Ductile Steel Moment-Resisting Frames Subjected to Multiple Strong Ground Motions. *Earthquake Spectra*, **2019**, 35, 289-310	3.4	9
138	Experimental Study on Seismic Behavior of Roof Joint. *International Journal of Steel Structures*, **2018**, 18, 1373-1383	1.3	2
137	STUDY ABOUT THE SEISMIC RETROFIT OF H-SHAPED STEEL BRACE JOINT USING STEEL CONCRETE COMPOSITE STRUCTURE. *Journal of Structural and Construction Engineering*, **2018**, 83, 1161-1170	0.4	
136	NUMERICAL STUDY ON A PROPOSED FORMULA FOR FLOOR ACCELERATION OF MAIN FRAMES IN SEISMIC DESIGN OF NON-STRUCTURAL COMPONENTS. *AIJ Journal of Technology and Design*, **2018**, 24, 547-552	0.2	
135	STRUCTURAL DAMAGE TO SCHOOL GYMNASIUMS DUE TO THE 2016 KUMAMOTO EARTHQUAKE. *AIJ Journal of Technology and Design*, **2018**, 24, 1313-1318	0.2	
134	OUTLINE OF RECONNAISSANCE OF DAMAGED STEEL SCHOOL BUILDINGS DUE TO THE 2016 KUMAMOTO EARTHQUAKE. *AIJ Journal of Technology and Design*, **2018**, 24, 183-188	0.2	6
133	Hysteretic Behavior of RHS Columns Under Random Cyclic Loading Considering Local Buckling. *International Journal of Steel Structures*, **2018**, 18, 1761-1771	1.3	9
132	Comprehensive FE Study of the Hysteretic Behavior of Steel–Concrete Composite and Noncomposite RWS Beam-to-Column Connections. *Journal of Structural Engineering*, **2018**, 144, 04018150	3	9
131	Reliability of U-shaped steel dampers used in base-isolated structures subjected to biaxial excitation. *Earthquake Engineering and Structural Dynamics*, **2017**, 46, 621-639	4	7
130	DESIGN AND STRUCTURAL RESPONSE OF FULL-SCALE STEEL GYMNASIUM SPECIMEN. *Journal of Structural and Construction Engineering*, **2017**, 82, 831-841	0.4	3
129	EVALUATION OF SEISMIC PERFORMANCE OF STEEL FRAME CONSISTED OF WF BEAM AND RHS COLUM WITH LOW JOINT EFFICIENCY IN BEAM WEB. *Journal of Structural and Construction Engineering*, **2017**, 82, 1113-1123	0.4	
128	THE AUTHORS ANSWER TO DISCUSSION BY KATSUKI TAKIGUCHI. *Journal of Structural and Construction Engineering*, **2017**, 82, 311-312	0.4	
127	THE AUTHORS ANSWER TO DISCUSSION BY KATSUKI TAKIGUCHI. *Journal of Structural and Construction Engineering*, **2016**, 81, 1175-1176	0.4	
126	RETROFIT EFFECTS FOR H-BEAM-TO-RHS COLUMN CONNECTIONS. *Journal of Structural and Construction Engineering*, **2016**, 81, 1733-1742	0.4	

125	CYCLIC LOADING TEST OF BEAM-TO-COLUMN CONNECTION WITH LOW MOMENT TRANSFERRING EFFICIENCY IN WEB. *Journal of Structural and Construction Engineering*, **2016**, 81, 345-355	0.4	
124	EXPERIMENTAL STUDY ON 2 STORY-1 BAY FULL-SCALE BRACED FRAME FOCUSING ON THE DIFFERENCE OF CONNECTION DETAIL. *Journal of Structural and Construction Engineering*, **2016**, 81, 779-789	0.4	3
123	EVALUATION METHOD OF CYCLIC DEFORMATION CAPACITY FOR BEAM-END CONNECTIONS USING VARIOUS STEEL GRADES. *Journal of Structural and Construction Engineering*, **2016**, 81, 917-927	0.4	
122	STUDY ON APPLICATION OF BEAM ON ELASTIC FOUNDATION THEORY TO A HEADED ANCHOR BOLT AND A BONDED ANCHOR BOLT UNDER MONOTONIC SHEAR FORCE. *Journal of Structural and Construction Engineering*, **2016**, 81, 993-1003	0.4	2
121	EVALUATION OF Ds VALUE OF STEEL MOMENT RESISTING FRAMES WITH EXPOSED-TYPE COLUMN BASES. *Journal of Structural and Construction Engineering*, **2016**, 81, 357-367	0.4	
120	CALCULATION METHOD OF CONNECTION COEFFICIENT OF COMPOSITE BEAM. *Journal of Structural and Construction Engineering*, **2016**, 81, 1005-1014	0.4	
119	PROPOSAL OF STANDARD LOADING PROTOCOL FOR BI-AXIAL LOADING TEST OF U-SHAPED STEEL DAMPERS. *AIJ Journal of Technology and Design*, **2016**, 22, 127-132	0.2	
118	LOW-CYCLE FATIGUE TEST ON THE WELDED FLANGE-BOLTED WEB TYPE BEAM-TO-COLUMN CONNECTION FOCUSING ON ARRANGEMENT OF WEB BOLT. *Journal of Structural and Construction Engineering*, **2016**, 81, 1541-1551	0.4	
117	EXPERIMENTAL EVALUATION OF ROTATION CAPACITY OF BEAM-END CONNECTIONS WITH PIN DETAILED UNDER COMPRESSION. *Journal of Structural and Construction Engineering*, **2016**, 81, 2101-2111	0.4	2
116	EFFECT OF BI-DIRECTIONAL GROUND MOTIONS ON THE DAMAGE EVALUATION OF U-SHAPED STEEL DAMPERS FOR BASE-ISOLATED STRUCTURES. *Journal of Structural and Construction Engineering*, **2016**, 81, 1027-1037	0.4	2
115	Experimental study on the bidirectional inelastic deformation capacity of U-shaped steel dampers for seismic isolated buildings. *Earthquake Engineering and Structural Dynamics*, **2016**, 45, 173-192	4	19
114	A concise hysteretic model of structural steel considering the Bauschinger effect. *International Journal of Steel Structures*, **2016**, 16, 671-683	1.3	6
113	DAMAGE EVALUATION METHOD FOR U-SHAPED STEEL DAMPERS BASED ON THE RECORDED ORBITS OF BASE-ISOLATED STORIES. *AIJ Journal of Technology and Design*, **2015**, 21, 649-654	0.2	3
112	RETROFIT EFFECTS FOR COMPOSITE BEAM. *Journal of Structural and Construction Engineering*, **2015**, 80, 1479-1487	0.4	1
111	EXPELIMENTAL STUDY ON MECHANICAL BEHAVIOR OF ANCHOR BOLTS AND SURROUNDING CONCRETE UNDER COMBINED LOADING. *Journal of Structural and Construction Engineering*, **2015**, 80, 1735-1744	0.4	2
110	STRUCTURAL BEHAVIOR OF ECCENTRIC BEAM-TO-RHS COLUMN CONNECTIONS. *Journal of Structural and Construction Engineering*, **2015**, 80, 669-679	0.4	2
109	RETROFIT EFFECTS FOR WELDED WIDE FLANGE BEAM-TO-COLUMN CONNECTIONS. *Journal of Structural and Construction Engineering*, **2015**, 80, 681-691	0.4	
108	EVALUATION METHOD OF PLASTIC DEFORMATION CAPACITY OF STEEL BEAM GOVERNED BY DUCTILE FRACTURE AT THE TOE OF THE WELD ACCESS HOLE. *Journal of Structural and Construction Engineering*, **2015**, 80, 767-777	0.4	0

107	EFFECTS OF DIFFERENCES IN CONNECTION DETAILS ON STRUCTURAL BEHAVIOR OF BEAM-COLUMN SUBASSEMBLY WITH BRACE. *Journal of Structural and Construction Engineering*, **2015**, 80, 779-789	0.4	3
106	DAMAGE TO CEILINGS OF SCHOOL BUILDINGS DUE TO THE 2011 TOHOKU EARTHQUAKE AND AFTERSHOCKS. *AIJ Journal of Technology and Design*, **2015**, 21, 55-59	0.2	1
105	Low cyclic fatigue and hysteretic behavior of U-shaped steel dampers for seismically isolated buildings under dynamic cyclic loadings. *Earthquake Engineering and Structural Dynamics*, **2015**, 44, 1523-1538	4	23
104	TRANSFERRING METHOD OF SHEAR FORCE IN PIN-TYPE COLUMN BASE FOR SEISMIC RETROFIT. *Journal of Structural and Construction Engineering*, **2014**, 79, 145-152	0.4	
103	DEFORMATION CAPACITY OF U-SHAPED DAMPERS SUBJECTED TO RANDOM BI-DIRECTIONAL LOADINGS. *Journal of Structural and Construction Engineering*, **2014**, 79, 1457-1467	0.4	4
102	DAMAGE EVALUATION BASED ON CRACK PATTERN AND ITS WIDTH ON THE CONCRETE FOUNDATION OF EXPOSED COLUMN BASE. *Journal of Structural and Construction Engineering*, **2014**, 79, 1547-1557	0.4	4
101	CYCLIC LOADING TESTS OF CONNECTION BETWEEN RC FRAME AND STEEL ROOF. *Journal of Structural and Construction Engineering*, **2014**, 79, 1687-1697	0.4	6
100	SIMULATION OF HYSTERETIC BEHAVIOR OF RHS COLUMNS UNDER BI-DIRECTIONAL HORIZONTAL FORCES AND VARIABLE AXIAL FORCE. *Journal of Structural and Construction Engineering*, **2014**, 79, 641-650	0.4	3
99	DAMAGE TO NONSTRUCTURAL ELEMENTS OF SCHOOL BUILDINGS AND GYMNASIUMS DUE TO THE 2011 TOHOKU EARTHQUAKE AND AFTERSHOCKS. *AIJ Journal of Technology and Design*, **2014**, 20, 405-410	0.2	1
98	RELATIONSHIP BETWEEN STRUCTURAL CHARACTERISTICS OF SCHOOL GYMNASIUMS AND SEISMIC DAMAGE TO NON STRUCTURAL ELEMENTS DUE TO THE 2011 TOHOKU EARTHQUAKE AND AFTERSHOCKS. *AIJ Journal of Technology and Design*, **2014**, 20, 981-986	0.2	1
97	SEISMIC DAMAGE TO ROOF AND NON-STRUCTURAL COMPONENTS IN STEEL SCHOOL BUILDINGS DUE TO THE 2011 TOHOKU EARTHQUAKE. *AIJ Journal of Technology and Design*, **2014**, 20, 121-126	0.2	
96	STRUCTURAL DAMAGE ON SCHOOL GYMNASIUMS DUE TO THE 2011 TOHOKU EARTHQUAKE. *AIJ Journal of Technology and Design*, **2014**, 20, 133-138	0.2	3
95	STRESS INCREMENT MODEL OF STRUCTURAL STEEL ACCORDING TO STRAIN-RATE BASED ON HIGH-SPEED CYCLIC LOADING TEST. *Journal of Structural and Construction Engineering*, **2014**, 79, 153-161	0.4	1
94	Proposal for seismic retrofit of beam-to-column connection by the addition of H-section haunches to beams using bolt connection. *International Journal of Steel Structures*, **2014**, 14, 865-871	1.3	5
93	TSUNAMI DAMAGE TO STEEL SCHOOL BUILDINGS DUE TO THE 2011 TOHOKU EARTHQUAKE. *AIJ Journal of Technology and Design*, **2013**, 19, 153-158	0.2	2
92	DAMAGE OF STEEL SCHOOL BUILDINGS AND GROUND TRANSFORMATION IN THE 2011 TOHOKU EARTHQUAKE. *AIJ Journal of Technology and Design*, **2013**, 19, 573-578	0.2	
91	CYCLIC LOADING TEST ON RHS COLUMNS UNDER BI-DIRECTIONAL HORIZONTAL FORCES. *Journal of Structural and Construction Engineering*, **2013**, 78, 203-212	0.4	6
90	SEISMIC DAMAGE TO VERTICAL BRACES IN STEEL SCHOOL BUILDINGS DUE TO THE 2011 TOHOKU EARTHQUAKE. *AIJ Journal of Technology and Design*, **2013**, 19, 147-152	0.2	6

89	DAMAGE TO COLUMN BASES AND ROOF JOINTS IN STEEL SCHOOL BUILDINGS DUE TO THE 2011 TOHOKU EARTHQUAKE. *AIJ Journal of Technology and Design*, **2013**, 19, 585-590	0.2	1
88	ANALYTICAL MODEL OF RHS COLUMNS UNDER RANDOM BI-DIRECTIONAL HORIZONTAL FORCES. *Journal of Structural and Construction Engineering*, **2013**, 78, 1631-1640	0.4	6
87	Ultimate strength of gusset plate connections with fillet welds. *Journal of Constructional Steel Research*, **2012**, 75, 104-115	3.8	4
86	Collapse Behavior and Ultimate Earthquake Resistance of Weak Column Type Multi-Story Steel Frame with RHS Columns **2012**,		1
85	HYSTERESIS MODEL OF RHS COLUMNS IN THE DETERIORATING RANGE GOVERNED BY LOCAL BUCKLING. *Journal of Structural and Construction Engineering*, **2012**, 77, 627-636	0.4	15
84	EXPERIMENTAL EVALUATION OF CYCLIC DEFORMATION CAPACITY OF U-SHAPED DAMPERS SUBJECTED TO BI-DIRECTIONAL LOADINGS. *Journal of Structural and Construction Engineering*, **2012**, 77, 1579-1588	0.4	5
83	RECONNAISSANCE OF DAMAGED STEEL SCHOOL BUILDINGS DUE TO THE 2011 TOHOKU EARTHQUAKE. *AIJ Journal of Technology and Design*, **2012**, 18, 935-940	0.2	4
82	SHEAR RESISTANCE OF EXPOSED-TYPE COLUMN BASE IN STEEL BRACED FRAME. *Journal of Structural and Construction Engineering*, **2011**, 76, 1347-1356	0.4	3
81	INVESTIGATION OF TENSION BRACE CONNECTIONS IN EXISTING STEEL GYMNASIUM AND EVALUATION ON ULTIMATE STRENGTH OF FILLET WELDED GUSSET PLATE CONNECTION. *Journal of Structural and Construction Engineering*, **2011**, 76, 185-193	0.4	1
80	COLLAPSE BEHAVIOR AND ULTIMATE EARTHQUAKE RESISTANCE OF WEAK COLUMN TYPE MULTI STORY STEEL FRAME UNDER BI-AXIAL GROUND MOTION. *Journal of Structural and Construction Engineering*, **2011**, 76, 837-844	0.4	4
79	Evaluation of plastic energy dissipation capacity of steel beams suffering ductile fracture under various loading histories. *Earthquake Engineering and Structural Dynamics*, **2011**, 40, 1553-1570	4	20
78	COLLAPSE BEHAVIOR ON SHAKING TABLE TEST. *Journal of Structural and Construction Engineering*, **2010**, 75, 1351-1360	0.4	16
77	SHEAR RESISTANCE OF ANCHOR BOLT WITH SMALL FREE EDGES IN EXPOSED TYPE STEEL COLUMN BASE. *Journal of Structural and Construction Engineering*, **2010**, 75, 1517-1525	0.4	
76	EXPERIMENTAL STUDY ON THE STRUCTURAL PERFORMANCE OF NON-INTERSECTION TYPE STEEL BEAM-TO-COLUMN CONNECTION. *Journal of Structural and Construction Engineering*, **2010**, 75, 1901-1908	0.4	1
75	CONSIDERATION OF COMPOSITE EFFECTS ON ELASTO-PLASTIC BEHAVIOR OF PANEL-ZONE. *Journal of Structural and Construction Engineering*, **2010**, 75, 1527-1536	0.4	3
74	PLASTIC DEFORMATION CAPACITY OF STRUCTURAL STEEL UNDER VARIOUS AXIAL STRAIN HISTORIES. *Journal of Structural and Construction Engineering*, **2010**, 75, 1909-1916	0.4	1
73	Simplified uni-axial hysteretic damage model for panel zone of structural steel under earthquake loads. *International Journal of Steel Structures*, **2010**, 10, 267-281	1.3	2
72	ELASTO-PLASTIC BEHAVIOR OF PANEL ZONE IN BEAM TO EXTERNAL COLUMN CONNECTION WITH CONCRETE SLAB. *Journal of Structural and Construction Engineering*, **2009**, 74, 1841-1849	0.4	9

71	EVALUATION OF SEISMIC PERFORMANCE OF EXTERIOR CLADDING IN FULL-SCALE 4-STORY BUILDING SHAKING TABLE TEST. *Journal of Structural and Construction Engineering*, **2009**, 74, 1353-1361	0.4	7
70	EXPERIMENTAL PROCEDURE AND ELASTIC RESPONSE CHARACTERISTICS OF SHAKING TABLE TEST. *Journal of Structural and Construction Engineering*, **2009**, 74, 157-166	0.4	19
69	ELASTO-PLASTIC RESPONSES AND PROCESS LEADING TO A COLLAPSE MECHANISM. *Journal of Structural and Construction Engineering*, **2009**, 74, 1851-1859	0.4	16
68	Full scale shaking table collapse experiment on 4-story steel moment frame **2009**,		40
67	Estimation of Cumulative Deformation Capacity of Buckling Restrained Braces. *Journal of Structural Engineering*, **2008**, 134, 822-831	3	49
66	Results of Recent E-Defense Tests on Full-Scale Steel Buildings: Part 1 Collapse Experiments on 4-Story Moment Frames **2008**,		16
65	EXPERIMENTAL SIMULATION OF PROGRESSIVE COLLAPSE OF PERIMETER FRAMES DUE TO OUT-OF-PLANE BEHAVIOR. *Journal of Structural and Construction Engineering*, **2008**, 73, 1361-1368	0.4	
64	ANALYTICAL SIMULATION OF PROGRESSIVE COLLAPSE OF PERIMETER FRAMES DUE TO OUT-OF-PLANE BEHAVIOR IN MOMENT FRAME STRUCTURES. *Journal of Structural and Construction Engineering*, **2008**, 73, 219-226	0.4	
63	EXPERIMENTAL EVALUATION OF CYCLIC DEFORMATION CAPACITY OF U-SHAPED STEEL DAMPERS FOR BASE-ISOLATED STRUCTURES. *Journal of Structural and Construction Engineering*, **2008**, 73, 333-340	0.4	12
62	E-Defense Tests on Full-Scale Steel Buildings: Part 2 - Collapse Experiments on Moment Frames **2007**, 1		11
61	EVALUATION OF PERFORMANCE CHECK ON E-DEFENSE BASED ON THE ENERGY INPUT. *Journal of Structural and Construction Engineering*, **2007**, 72, 207-214	0.4	7
60	SHAKING TABLE TEST ON COLLAPSE BEHAVIOR OF SMALL-SCALE STEEL FRAME STRUCTURE. *Journal of Structural and Construction Engineering*, **2007**, 72, 125-132	0.4	2
59	UPLIFTING BEHAVIOR OF BASE-ISOLATED STRUCTURES ON ELASTIC FOUNDATION DURING STRONG GROUND MOTION. *Journal of Structural and Construction Engineering*, **2006**, 71, 55-62	0.4	
58	CUMULATIVE DEFORMATION CAPACITY AND DAMAGE EVALUATION FOR ELASTO-PLASTIC DAMPERS AT BEAM ENDS. *Journal of Structural and Construction Engineering*, **2006**, 71, 115-122	0.4	4
57	EXPERIMENTAL STUDY ON THE HYSTERESIS BEHAVIOR OF PANEL SUBJECTED TO MULTI-AXIAL CYCLIC LOADINGS. *Journal of Structural and Construction Engineering*, **2006**, 71, 203-210	0.4	3
56	ESTIMATION OF STRENGTH OF SEISMIC RETROFITTING BRACE JOINT USING SHEAR-KEY PLATE ADHERED TO CONCRETE SLAB FOR STEEL STRUCTURE. *Journal of Structural and Construction Engineering*, **2006**, 71, 177-184	0.4	
55	RELATIONSHIPS OF DAMAGE BETWEEN STEEL MEMBER AND MATERIAL SUBJECTED TO CYCLIC LOADING. *Journal of Structural and Construction Engineering*, **2006**, 71, 139-146	0.4	1
54	NEW DUCTILE STEEL FRAMES LIMITING DAMAGE TO CONNECTION ELEMENTS AT THE BOTTOM FLANGE OF BEAM-ENDS : Part 3 Experimental evaluation of composite effects and damage to concrete slab. *Journal of Structural and Construction Engineering*, **2005**, 70, 123-130	0.4	2

53	EXPERIMENTAL STUDY ON JOINT OF SEISMIC RETROFITTING BRACE FOR STEEL STRUCTURE USING SHEAR-KEY PLATE ADHERED TO CONCRETE SLAB. *Journal of Structural and Construction Engineering*, **2005**, 70, 133-140	0.4	4
52	EXPERIMENTAL STUDY ON THE HYSTERESIS BEHAVIOR OF STRUCTURAL STEEL UNDER MULTI-AXIAL CYCLIC LOADING. *Journal of Structural and Construction Engineering*, **2005**, 70, 181-188	0.4	3
51	SHAKING TABLE TEST OF SINGLE STORY STEEL FRAME CONSIDERING STRENGTH AND STIFFNESS ECCENTRICITY OF HYSTERESIS DAMPER. *Journal of Structural and Construction Engineering*, **2005**, 70, 111-119	0.4	
50	EXPERIMENTAL STUDY ON BEAM-TO-COLUMN CONNECTIONS FOR A SUSTAINABLE BUILDING STRUCTURE SYSTEM. *Journal of Structural and Construction Engineering*, **2005**, 70, 145-152	0.4	3
49	CONCRETE APPROACH ON LONG TERM AND DENSE MONITORING SYSTEM OF SEISMICALLY ISOLATED TALL BUILDING(Structures). *AIJ Journal of Technology and Design*, **2005**, 11, 73-77	0.2	1
48	EVALUATION METHOD FOR 2-D SHAKING TABLE TEST OF 3-D STEEL FLAME MODEL BASED ON THE TRANSFERENCE OF ENERGY. *Journal of Structural and Construction Engineering*, **2005**, 70, 135-142	0.4	
47	EFFECTS OF FLOOR SLABS ON ULTIMATE EARTHQUAKE RESISTANCE OF STEEL MOMENT FRAMES : Evaluation of earthquake resistance of steel moment frames considering deformation capacity of composite beams. *Journal of Structural and Construction Engineering*, **2004**, 69, 103-110	0.4	1
46	STABILITY OF BUCKLING-RESTRAINED BRACES AFFECTED BY THE OUT-OF-PLANE STIFFNESS OF THE JOINT ELEMENT. *Journal of Structural and Construction Engineering*, **2004**, 69, 121-128	0.4	5
45	EXPERIMENTAL STUDY ON JOINT OF SEISMIC RETROFITTING BRACE FOR STEEL STRUCTURES USING EPOXY RESIN AND CHEMICAL ANCHORS. *Journal of Structural and Construction Engineering*, **2004**, 69, 23-30	0.4	1
44	ONE PROPOSAL FOR A SUSTAINABLE BUILDING STRUCTURE SYSTEM AND ITS BASIC PROPERTIES. *Journal of Environmental Engineering (Japan)*, **2004**, 69, 109-116	0.3	6
43	ESTIMATION OF COMULATIVE PLASTIC DEFORMATION CAPACITY FOR BUCKLING-RESTRAINED BRACES UNDER RANDOM STRAIN AMPLITUDES. *Journal of Structural and Construction Engineering*, **2004**, 69, 203-210	0.4	9
42	DESIGN AND PERFORMANCE OF PASSIVELY CONTROLLED BUILDING WITH ELASTO-PLASTIC DAMPER AT BEAM ENDS(Structures). *AIJ Journal of Technology and Design*, **2004**, 10, 125-130	0.2	2
41	DAMAGE CONTROLLED PILE FOUNDATION USING SLENDER SUPPORT PILES AND SQUAT EARTHQUAKE-RESISTING PILES. *Journal of Structural and Construction Engineering*, **2004**, 69, 59-66	0.4	
40	SIMPLE HYSTERESIS MODEL OF STEEL FOR DAMPER CONSIDERING THE BAUSCHINGER EFFECT. *Journal of Structural and Construction Engineering*, **2004**, 69, 109-116	0.4	3
39	EVALUATION OF EFFECT OF JOINT EFFICIENCY AT BEAM-TO-COLUMN CONNECTION ON DUCTILITY CAPACITY OF STEEL BEAMS. *Journal of Structural and Construction Engineering*, **2003**, 68, 131-138	0.4	6
38	EFFECT OF JOINT EFFICIENCY AT BEAM-TO-COLUMN CONNECTION ON DUCTILITY CAPACITY OF COMPOSITE BEAMS. *Journal of Structural and Construction Engineering*, **2003**, 68, 185-192	0.4	4
37	EXPERIMENTAL STUDY ON THE EXPOSED-TYPE COLUMN BASE WITH HIGH CONSTRUCTIONAL ACCURACY. *Journal of Structural and Construction Engineering*, **2003**, 68, 205-212	0.4	
36	STUDY ON RESISTANCE AGAINST CRACK OF STEEL MEMBER WITH GEOMETRICAL DISCONTINUITY. *Journal of Structural and Construction Engineering*, **2003**, 68, 151-158	0.4	

35	FULL SCALE SHAKING TABLE TEST OF RC BEAM-TO-COLUMN CONNECTION. *Journal of Structural and Construction Engineering*, **2003**, 68, 111-118	0.4	
34	EXPERIMENTAL STUDY ON THE EXPOSED TYPE COLUMN BASE WHICH USES ANGLE AS A JOINT ELEMENT. *Journal of Structural and Construction Engineering*, **2003**, 68, 163-170	0.4	2
33	Experimental Method Using the Inertial Loading Equipment by the Large Scale Shaking Table **2002**, 61		
32	FULL-SCALE SHAKING TABLE TEST OF DAMAGE TOLERANT STRUCTURE WITH A BUCKLING RESISTANT BRACE. *Journal of Structural and Construction Engineering*, **2002**, 67, 189-196	0.4	6
31	SIMPLE HYSTERESIS MODEL OF STRUCTURAL STEEL CONSIDERING THE BAUSCHINGER EFFECT. *Journal of Structural and Construction Engineering*, **2002**, 67, 225-232	0.4	13
30	HYSTERESIS CHARACTERISTICS OF STEEL MATERIAL FOR DAMPERS BASED ON DYNAMIC AND CYCLIC LOADING TESTS : Experimental study on cyclic behavior of steel material for dampers considering a strain rate dependence Part 1. *Journal of Structural and Construction Engineering*, **2002**, 67, 121-128	0.4	2
29	EVALUATION OF THE ENVIRONMENTAL BURDEN OF STEEL BUILDING STRUCTURES FOCUSED ON WASTE WEIGHT AND LCCO_2. *Journal of Structural and Construction Engineering*, **2002**, 67, 131-137	0.4	2
28	FULL SCALE SHAKING TABLE TEST ON ULTIMATE SEISMIC RESISTANCE OF ADVANCED TYPE OF BEAM-TO-COLUMN CONNECTIONS. *Journal of Structural and Construction Engineering*, **2002**, 67, 141-148	0.4	5
27	EXPERIMENTAL STUDY ON DEFORMATION CAPACITY OF COMPOSITE BEAMS WITH IMPROVED TYPE BEAM-TO-COLUMN CONNECTIONS : Evaluation of earthquake resistance of steel moment frames considering deformation capacity of composite beams Part 2. *Journal of Structural and Construction Engineering*, **2002**, 67, 123-130	0.4	1
26	EXPERIMENTAL STUDY ON THE SEMI-RIGID BEAM-TO-COLUMN CONNECTIONS WITH SLIT PLATE DAMPERS. *Journal of Structural and Construction Engineering*, **2002**, 67, 113-120	0.4	
25	FRACTURE OF BEAM-TO-COLUMN CONNECTIONS SIMULATED BY FULL-SCALE SHAKING TABLE TEST AND EVALUATION OF DEFORMATION CAPACITY. *Journal of Structural and Construction Engineering*, **2002**, 67, 181-188	0.4	3
24	EXPERIMENTAL STUDY ON DEFORMATION CAPACITY OF COMPOSITE BEAMS WITH CONVENTIONAL TYPE BEAM-TO-COLUMN CONNECTIONS : Evaluation of earthquake resistance of steel moment frames considering deformation capacity of composite beams Part 1. *Journal of Structural and Construction Engineering*, **2001**, 66, 161-168	0.4	8
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