

Satoshi Yamada

List of Publications by Citations

Source: <https://exaly.com/author-pdf/10003074/satoshi-yamada-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Estimation of Cumulative Deformation Capacity of Buckling Restrained Braces. <i>Journal of Structural Engineering</i> , 2008 , 134, 822-831	3	49
159	Full scale shaking table collapse experiment on 4-story steel moment frame 2009 ,		40
158	Low cyclic fatigue and hysteretic behavior of U-shaped steel dampers for seismically isolated buildings under dynamic cyclic loadings. <i>Earthquake Engineering and Structural Dynamics</i> , 2015 , 44, 1523-1538	4	23
157	Evaluation of plastic energy dissipation capacity of steel beams suffering ductile fracture under various loading histories. <i>Earthquake Engineering and Structural Dynamics</i> , 2011 , 40, 1553-1570	4	20
156	EXPERIMENTAL PROCEDURE AND ELASTIC RESPONSE CHARACTERISTICS OF SHAKING TABLE TEST. <i>Journal of Structural and Construction Engineering</i> , 2009 , 74, 157-166	0.4	19
155	Experimental study on the bidirectional inelastic deformation capacity of U-shaped steel dampers for seismic isolated buildings. <i>Earthquake Engineering and Structural Dynamics</i> , 2016 , 45, 173-192	4	19
154	POST-BUCKLING AND DETERIORATING BEHAVIOR OF BOX-SECTION STEEL MEMBERS. <i>Journal of Structural and Construction Engineering (Transactions of AIJ)</i> , 1993 , 444, 135-143		17
153	ELASTO-PLASTIC RESPONSES AND PROCESS LEADING TO A COLLAPSE MECHANISM. <i>Journal of Structural and Construction Engineering</i> , 2009 , 74, 1851-1859	0.4	16
152	COLLAPSE BEHAVIOR ON SHAKING TABLE TEST. <i>Journal of Structural and Construction Engineering</i> , 2010 , 75, 1351-1360	0.4	16
151	Results of Recent E-Defense Tests on Full-Scale Steel Buildings: Part 1 [Collapse Experiments on 4-Story Moment Frames 2008 ,		16
150	HYSTERESIS MODEL OF RHS COLUMNS IN THE DETERIORATING RANGE GOVERNED BY LOCAL BUCKLING. <i>Journal of Structural and Construction Engineering</i> , 2012 , 77, 627-636	0.4	15
149	SIMPLE HYSTERESIS MODEL OF STRUCTURAL STEEL CONSIDERING THE BAUSCHINGER EFFECT. <i>Journal of Structural and Construction Engineering</i> , 2002 , 67, 225-232	0.4	13
148	EXPERIMENTAL EVALUATION OF CYCLIC DEFORMATION CAPACITY OF U-SHAPED STEEL DAMPERS FOR BASE-ISOLATED STRUCTURES. <i>Journal of Structural and Construction Engineering</i> , 2008 , 73, 333-340	0.4	12
147	E-Defense Tests on Full-Scale Steel Buildings: Part 2 - Collapse Experiments on Moment Frames 2007 , 1		11
146	EXPERIMENTAL STUDY ON DYNAMIC BEHAVIOR OF UNBONDED-BRACES. <i>AIJ Journal of Technology and Design</i> , 1999 , 5, 103-106	0.2	10
145	Low-cycle fatigue performance assessment of current Japanese steel beam-to-column connections determined by ductile fracture. <i>Engineering Structures</i> , 2019 , 182, 241-250	4.7	10
144	ELASTO-PLASTIC BEHAVIOR OF PANEL ZONE IN BEAM TO EXTERNAL COLUMN CONNECTION WITH CONCRETE SLAB. <i>Journal of Structural and Construction Engineering</i> , 2009 , 74, 1841-1849	0.4	9

143	INFLUENCE OF THE RIGIDITY OF COLUMN BASES ON THE ULTIMATE EARTHQUAKE RESISTANCE OF MULTI-STORY STEEL MOMENT FRAMES. <i>Journal of Structural and Construction Engineering</i> , 1997 , 62, 113-118	0.4	9
142	ESTIMATION OF COMULATIVE PLASTIC DEFORMATION CAPACITY FOR BUCKLING-RESTRAINED BRACES UNDER RANDOM STRAIN AMPLITUDES. <i>Journal of Structural and Construction Engineering</i> , 2004 , 69, 203-210	0.4	9
141	Seismic Performance of Ductile Steel Moment-Resisting Frames Subjected to Multiple Strong Ground Motions. <i>Earthquake Spectra</i> , 2019 , 35, 289-310	3.4	9
140	Hysteretic Behavior of RHS Columns Under Random Cyclic Loading Considering Local Buckling. <i>International Journal of Steel Structures</i> , 2018 , 18, 1761-1771	1.3	9
139	Comprehensive FE Study of the Hysteretic Behavior of Steel-Concrete Composite and Noncomposite RWS Beam-to-Column Connections. <i>Journal of Structural Engineering</i> , 2018 , 144, 04018150	3.0	9
138	INFLUENCE OF THE ELASTO-PLASTIC BEHAVIOR OF COLUMN BASES WITH SLIP-TYPE HISTERESIS CHARACTERISTICS ON THE ULTIMATE EARTHQUAKE RESISTANSE OF MULTI-STORY STEEL MOMENT FRAMES. <i>Journal of Structural and Construction Engineering</i> , 1997 , 62, 141-147	0.4	8
137	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. <i>Journal of Structural and Construction Engineering</i> , 2001 , 66, 161-168	0.4	8
136	Reliability of U-shaped steel dampers used in base-isolated structures subjected to biaxial excitation. <i>Earthquake Engineering and Structural Dynamics</i> , 2017 , 46, 621-639	4	7
135	EVALUATION OF SEISMIC PERFORMANCE OF EXTERIOR CLADDING IN FULL-SCALE 4-STORY BUILDING SHAKING TABLE TEST. <i>Journal of Structural and Construction Engineering</i> , 2009 , 74, 1353-1361	0.4	7
134	EVALUATION OF PERFORMANCE CHECK ON E-DEFENSE BASED ON THE ENERGY INPUT. <i>Journal of Structural and Construction Engineering</i> , 2007 , 72, 207-214	0.4	7
133	INFLUENCE OF THE ULTIMATE BEHAVIOR OF BEAMS ON THE EARTHQUAKE RESISTANCE OF MULTI-STORY STEEL FRAMES. <i>Journal of Structural and Construction Engineering</i> , 2000 , 65, 133-140	0.4	7
132	Fracture strength of electroslog welding joint with high-performance steel. <i>Journal of Constructional Steel Research</i> , 2019 , 153, 495-508	3.8	7
131	Effect of Column Base Behavior on Seismic Performance of Multi-Story Steel Moment Resisting Frames. <i>International Journal of Structural Stability and Dynamics</i> , 2019 , 19, 1940007	1.9	6
130	CYCLIC LOADING TESTS OF CONNECTION BETWEEN RC FRAME AND STEEL ROOF. <i>Journal of Structural and Construction Engineering</i> , 2014 , 79, 1687-1697	0.4	6
129	CYCLIC LOADING TEST ON RHS COLUMNS UNDER BI-DIRECTIONAL HORIZONTAL FORCES. <i>Journal of Structural and Construction Engineering</i> , 2013 , 78, 203-212	0.4	6
128	SEISMIC DAMAGE TO VERTICAL BRACES IN STEEL SCHOOL BUILDINGS DUE TO THE 2011 TOHOKU EARTHQUAKE. <i>AIJ Journal of Technology and Design</i> , 2013 , 19, 147-152	0.2	6
127	ANALYTICAL MODEL OF RHS COLUMNS UNDER RANDOM BI-DIRECTIONAL HORIZONTAL FORCES. <i>Journal of Structural and Construction Engineering</i> , 2013 , 78, 1631-1640	0.4	6
126	FULL-SCALE SHAKING TABLE TEST OF DAMAGE TOLERANT STRUCTURE WITH A BUCKLING RESISTANT BRACE. <i>Journal of Structural and Construction Engineering</i> , 2002 , 67, 189-196	0.4	6

125	ONE PROPOSAL FOR A SUSTAINABLE BUILDING STRUCTURE SYSTEM AND ITS BASIC PROPERTIES. <i>Journal of Environmental Engineering (Japan)</i> , 2004 , 69, 109-116	0.3	6
124	EXPERIMENTAL METHOD OF THE FULL SCALE SHAKING TABLE TEST USING THE INERTIAL LOADING EQUIPMENT. <i>Journal of Structural and Construction Engineering</i> , 1998 , 63, 139-146	0.4	6
123	EVALUATION OF EFFECT OF JOINT EFFICIENCY AT BEAM-TO-COLUMN CONNECTION ON DUCTILITY CAPACITY OF STEEL BEAMS. <i>Journal of Structural and Construction Engineering</i> , 2003 , 68, 131-138	0.4	6
122	A concise hysteretic model of structural steel considering the Bauschinger effect. <i>International Journal of Steel Structures</i> , 2016 , 16, 671-683	1.3	6
121	OUTLINE OF RECONNAISSANCE OF DAMAGED STEEL SCHOOL BUILDINGS DUE TO THE 2016 KUMAMOTO EARTHQUAKE. <i>AIJ Journal of Technology and Design</i> , 2018 , 24, 183-188	0.2	6
120	Proposal for seismic retrofit of beam-to-column connection by the addition of H-section haunches to beams using bolt connection. <i>International Journal of Steel Structures</i> , 2014 , 14, 865-871	1.3	5
119	EXPERIMENTAL EVALUATION OF CYCLIC DEFORMATION CAPACITY OF U-SHAPED DAMPERS SUBJECTED TO BI-DIRECTIONAL LOADINGS. <i>Journal of Structural and Construction Engineering</i> , 2012 , 77, 1579-1588	0.4	5
118	STABILITY OF BUCKLING-RESTRAINED BRACES AFFECTED BY THE OUT-OF-PLANE STIFFNESS OF THE JOINT ELEMENT. <i>Journal of Structural and Construction Engineering</i> , 2004 , 69, 121-128	0.4	5
117	GENERAL MOMENT-ROTATION CHARACTERISTICS OF BEAM-TO-RHS-COLUMN CONNECTIONS WITHOUT DIAPHRAMS. <i>Journal of Structural and Construction Engineering</i> , 1996 , 61, 131-140	0.4	5
116	FULL SCALE SHAKING TABLE TEST ON ULTIMATE SEISMIC RESISTANCE OF ADVANCED TYPE OF BEAM-TO-COLUMN CONNECTIONS. <i>Journal of Structural and Construction Engineering</i> , 2002 , 67, 141-148	0.4	5
115	DETERIORATING BEHAVIOR OF WIDE FLANGE SECTION STEEL MEMBERS IN POST BUCKLING RANGE. <i>Journal of Structural and Construction Engineering (Transactions of AIJ)</i> , 1993 , 454, 179-186		5
114	DEFORMATION CAPACITY OF U-SHAPED DAMPERS SUBJECTED TO RANDOM BI-DIRECTIONAL LOADINGS. <i>Journal of Structural and Construction Engineering</i> , 2014 , 79, 1457-1467	0.4	4
113	DAMAGE EVALUATION BASED ON CRACK PATTERN AND ITS WIDTH ON THE CONCRETE FOUNDATION OF EXPOSED COLUMN BASE. <i>Journal of Structural and Construction Engineering</i> , 2014 , 79, 1547-1557	0.4	4
112	Ultimate strength of gusset plate connections with fillet welds. <i>Journal of Constructional Steel Research</i> , 2012 , 75, 104-115	3.8	4
111	COLLAPSE BEHAVIOR AND ULTIMATE EARTHQUAKE RESISTANCE OF WEAK COLUMN TYPE MULTI STORY STEEL FRAME UNDER BI-AXIAL GROUND MOTION. <i>Journal of Structural and Construction Engineering</i> , 2011 , 76, 837-844	0.4	4
110	RECONNAISSANCE OF DAMAGED STEEL SCHOOL BUILDINGS DUE TO THE 2011 TOHOKU EARTHQUAKE. <i>AIJ Journal of Technology and Design</i> , 2012 , 18, 935-940	0.2	4
109	CUMULATIVE DEFORMATION CAPACITY AND DAMAGE EVALUATION FOR ELASTO-PLASTIC DAMPERS AT BEAM ENDS. <i>Journal of Structural and Construction Engineering</i> , 2006 , 71, 115-122	0.4	4
108	ULTIMATE BEHAVIOR OF BOX-SECTION BEAM-COLUMNS UNDER VARYING AXIAL FORCE. <i>Journal of Structural and Construction Engineering</i> , 1994 , 59, 115-122	0.4	4

107	STUDY ON FRACTURE OF BEAM-TO-COLUMN CONNECTIONS BY MEANS OF FULL SCALE SHAKING TABLE TEST. <i>Journal of Structural and Construction Engineering</i> , 1998 , 63, 165-172	0.4	4
106	EFFECT OF JOINT EFFICIENCY AT BEAM-TO-COLUMN CONNECTION ON DUCTILITY CAPACITY OF COMPOSITE BEAMS. <i>Journal of Structural and Construction Engineering</i> , 2003 , 68, 185-192	0.4	4
105	EXPERIMENTAL STUDY ON JOINT OF SEISMIC RETROFITTING BRACE FOR STEEL STRUCTURE USING SHEAR-KEY PLATE ADHERED TO CONCRETE SLAB. <i>Journal of Structural and Construction Engineering</i> , 2005 , 70, 133-140	0.4	4
104	EXPERIMENTAL STUDY ON 2 STORY-1 BAY FULL-SCALE BRACED FRAME FOCUSING ON THE DIFFERENCE OF CONNECTION DETAIL. <i>Journal of Structural and Construction Engineering</i> , 2016 , 81, 779-789	0.4	3
103	SIMULATION OF HYSTERETIC BEHAVIOR OF RHS COLUMNS UNDER BI-DIRECTIONAL HORIZONTAL FORCES AND VARIABLE AXIAL FORCE. <i>Journal of Structural and Construction Engineering</i> , 2014 , 79, 641-650	0.4	3
102	STRUCTURAL DAMAGE ON SCHOOL GYMNASIUMS DUE TO THE 2011 TOHOKU EARTHQUAKE. <i>AIJ Journal of Technology and Design</i> , 2014 , 20, 133-138	0.2	3
101	DAMAGE EVALUATION METHOD FOR U-SHAPED STEEL DAMPERS BASED ON THE RECORDED ORBITS OF BASE-ISOLATED STORIES. <i>AIJ Journal of Technology and Design</i> , 2015 , 21, 649-654	0.2	3
100	EFFECTS OF DIFFERENCES IN CONNECTION DETAILS ON STRUCTURAL BEHAVIOR OF BEAM-COLUMN SUBASSEMBLY WITH BRACE. <i>Journal of Structural and Construction Engineering</i> , 2015 , 80, 779-789	0.4	3
99	SHEAR RESISTANCE OF EXPOSED-TYPE COLUMN BASE IN STEEL BRACED FRAME. <i>Journal of Structural and Construction Engineering</i> , 2011 , 76, 1347-1356	0.4	3
98	CONSIDERATION OF COMPOSITE EFFECTS ON ELASTO-PLASTIC BEHAVIOR OF PANEL-ZONE. <i>Journal of Structural and Construction Engineering</i> , 2010 , 75, 1527-1536	0.4	3
97	ESTIMATION OF EARTHQUAKE RESISTANCE OF THE MOMENT RESISTANT STEEL FRAMES UNDER THE HYOGOKEN-NANBU EARTHQUAKE. <i>Journal of Structural and Construction Engineering</i> , 1997 , 62, 151-157	0.4	3
96	RELATION BETWEEN DEFORMATION CAPACITY OF BEAM AT STEEL BEAM-TO-COLUMN CONNECTION AND JOINT EFFICIENCY. <i>Journal of Structural and Construction Engineering</i> , 1999 , 64, 117-124	0.4	3
95	EXPERIMENTAL STUDY ON THE HYSTERESIS BEHAVIOR OF STRUCTURAL STEEL UNDER MULTI-AXIAL CYCLIC LOADING. <i>Journal of Structural and Construction Engineering</i> , 2005 , 70, 181-188	0.4	3
94	EXPERIMENTAL STUDY ON THE HYSTERESIS BEHAVIOR OF PANEL SUBJECTED TO MULTI-AXIAL CYCLIC LOADINGS. <i>Journal of Structural and Construction Engineering</i> , 2006 , 71, 203-210	0.4	3
93	DESIGN AND STRUCTURAL RESPONSE OF FULL-SCALE STEEL GYMNASIUM SPECIMEN. <i>Journal of Structural and Construction Engineering</i> , 2017 , 82, 831-841	0.4	3
92	FRACTURE OF BEAM-TO-COLUMN CONNECTIONS SIMULATED BY FULL-SCALE SHAKING TABLE TEST AND EVALUATION OF DEFORMATION CAPACITY. <i>Journal of Structural and Construction Engineering</i> , 2002 , 67, 181-188	0.4	3
91	SIMPLE HYSTERESIS MODEL OF STEEL FOR DAMPER CONSIDERING THE BAUSCHINGER EFFECT. <i>Journal of Structural and Construction Engineering</i> , 2004 , 69, 109-116	0.4	3
90	EXPERIMENTAL STUDY ON BEAM-TO-COLUMN CONNECTIONS FOR A SUSTAINABLE BUILDING STRUCTURE SYSTEM. <i>Journal of Structural and Construction Engineering</i> , 2005 , 70, 145-152	0.4	3

89	INELASTIC RESPONSE ANALYSIS OF MULTI-STORY STEEL FRAMES BASED ON THE REALISTIC BEHAVIORS OF MEMBERS GOVERNED BY LOCAL BUCKLING. <i>Journal of Structural and Construction Engineering</i> , 1994 , 59, 125-133	0.4	3
88	TRANSITION FROM DUCTILE FRACTURE TO BRITTLE FRACTURE OF FULL SCALE BEAM-TO-COLUMN CONNECTIONS CAUSED BY TEMPERATURE. <i>Journal of Structural and Construction Engineering</i> , 1999 , 64, 105-112	0.4	3
87	Method of reinforcement for joints between steel roofs and RC columns in existing buildings. <i>Engineering Structures</i> , 2020 , 209, 110255	4.7	2
86	STUDY ON APPLICATION OF BEAM ON ELASTIC FOUNDATION THEORY TO A HEADED ANCHOR BOLT AND A BONDED ANCHOR BOLT UNDER MONOTONIC SHEAR FORCE. <i>Journal of Structural and Construction Engineering</i> , 2016 , 81, 993-1003	0.4	2
85	Experimental Study on Seismic Behavior of Roof Joint. <i>International Journal of Steel Structures</i> , 2018 , 18, 1373-1383	1.3	2
84	EXPELIMENTAL STUDY ON MECHANICAL BEHAVIOR OF ANCHOR BOLTS AND SURROUNDING CONCRETE UNDER COMBINED LOADING. <i>Journal of Structural and Construction Engineering</i> , 2015 , 80, 1735-1744	0.4	2
83	STRUCTURAL BEHAVIOR OF ECCENTRIC BEAM-TO-RHS COLUMN CONNECTIONS. <i>Journal of Structural and Construction Engineering</i> , 2015 , 80, 669-679	0.4	2
82	TSUNAMI DAMAGE TO STEEL SCHOOL BUILDINGS DUE TO THE 2011 TOHOKU EARTHQUAKE. <i>AIJ Journal of Technology and Design</i> , 2013 , 19, 153-158	0.2	2
81	Simplified uni-axial hysteretic damage model for panel zone of structural steel under earthquake loads. <i>International Journal of Steel Structures</i> , 2010 , 10, 267-281	1.3	2
80	FULL SCALE LOADING TEST UP TO LARGE STORY DRIFT ON EXTERIOR WALL OF ALC PANEL WITH WINDOW AND DOOR ATTACHED TO STEEL MOMENT FRAME. <i>AIJ Journal of Technology and Design</i> , 2020 , 26, 869-874	0.2	2
79	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. <i>Journal of Structural and Construction Engineering</i> , 2002 , 67, 121-128	0.4	2
78	EVALUATION OF THE ENVIRONMENTAL BURDEN OF STEEL BUILDING STRUCTURES FOCUSED ON WASTE WEIGHT AND LCCO_2. <i>Journal of Structural and Construction Engineering</i> , 2002 , 67, 131-137	0.4	2
77	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. <i>Journal of Structural and Construction Engineering</i> , 2005 , 70, 123-130	0.4	2
76	DESIGN AND PERFORMANCE OF PASSIVELY CONTROLLED BUILDING WITH ELASTO-PLASTIC DAMPER AT BEAM ENDS(Structures). <i>AIJ Journal of Technology and Design</i> , 2004 , 10, 125-130	0.2	2
75	EXPERIMENTAL STUDY ON THE EXPOSED TYPE COLUMN BASE WHICH USES ANGLE AS A JOINT ELEMENT. <i>Journal of Structural and Construction Engineering</i> , 2003 , 68, 163-170	0.4	2
74	SHAKING TABLE TEST ON COLLAPSE BEHAVIOR OF SMALL-SCALE STEEL FRAME STRUCTURE. <i>Journal of Structural and Construction Engineering</i> , 2007 , 72, 125-132	0.4	2
73	ULTIMATE EARTHQUAKE RESISTANCE OF MULTI-STORY STEEL FRAMES ACCOMPANIED BY THE PLASTIC DEFORMATION OF PANEL ZONE. <i>Journal of Structural and Construction Engineering</i> , 1996 , 61, 137-144	0.4	2
72	EXPERIMENTAL EVALUATION OF ROTATION CAPACITY OF BEAM-END CONNECTIONS WITH PIN DETAILED UNDER COMPRESSION. <i>Journal of Structural and Construction Engineering</i> , 2016 , 81, 2101-2114	0.4	2

71	EFFECT OF BI-DIRECTIONAL GROUND MOTIONS ON THE DAMAGE EVALUATION OF U-SHAPED STEEL DAMPERS FOR BASE-ISOLATED STRUCTURES. <i>Journal of Structural and Construction Engineering</i> , 2016 , 81, 1027-1037	0.4	2
70	DAMAGE TO NONSTRUCTURAL ELEMENTS OF SCHOOL BUILDINGS AND GYMNASIUMS DUE TO THE 2011 TOHOKU EARTHQUAKE AND AFTERSHOCKS. <i>AIJ Journal of Technology and Design</i> , 2014 , 20, 405-410	0.2	1
69	RELATIONSHIP BETWEEN STRUCTURAL CHARACTERISTICS OF SCHOOL GYMNASIUMS AND SEISMIC DAMAGE TO NON STRUCTURAL ELEMENTS DUE TO THE 2011 TOHOKU EARTHQUAKE AND AFTERSHOCKS. <i>AIJ Journal of Technology and Design</i> , 2014 , 20, 981-986	0.2	1
68	STRESS INCREMENT MODEL OF STRUCTURAL STEEL ACCORDING TO STRAIN-RATE BASED ON HIGH-SPEED CYCLIC LOADING TEST. <i>Journal of Structural and Construction Engineering</i> , 2014 , 79, 153-161	0.4	1
67	RETROFIT EFFECTS FOR COMPOSITE BEAM. <i>Journal of Structural and Construction Engineering</i> , 2015 , 80, 1479-1487	0.4	1
66	DAMAGE TO CEILINGS OF SCHOOL BUILDINGS DUE TO THE 2011 TOHOKU EARTHQUAKE AND AFTERSHOCKS. <i>AIJ Journal of Technology and Design</i> , 2015 , 21, 55-59	0.2	1
65	DAMAGE TO COLUMN BASES AND ROOF JOINTS IN STEEL SCHOOL BUILDINGS DUE TO THE 2011 TOHOKU EARTHQUAKE. <i>AIJ Journal of Technology and Design</i> , 2013 , 19, 585-590	0.2	1
64	INVESTIGATION OF TENSION BRACE CONNECTIONS IN EXISTING STEEL GYMNASIUM AND EVALUATION ON ULTIMATE STRENGTH OF FILLET WELDED GUSSET PLATE CONNECTION. <i>Journal of Structural and Construction Engineering</i> , 2011 , 76, 185-193	0.4	1
63	Collapse Behavior and Ultimate Earthquake Resistance of Weak Column Type Multi-Story Steel Frame with RHS Columns 2012 ,		1
62	EXPERIMENTAL STUDY ON THE STRUCTURAL PERFORMANCE OF NON-INTERSECTION TYPE STEEL BEAM-TO-COLUMN CONNECTION. <i>Journal of Structural and Construction Engineering</i> , 2010 , 75, 1901-1908	0.4	1
61	PLASTIC DEFORMATION CAPACITY OF STRUCTURAL STEEL UNDER VARIOUS AXIAL STRAIN HISTORIES. <i>Journal of Structural and Construction Engineering</i> , 2010 , 75, 1909-1916	0.4	1
60	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. <i>Journal of Structural and Construction Engineering</i> , 2004 , 69, 103-110	0.4	1
59	EXPERIMENTAL STUDY ON JOINT OF SEISMIC RETROFITTING BRACE FOR STEEL STRUCTURES USING EPOXY RESIN AND CHEMICAL ANCHORS. <i>Journal of Structural and Construction Engineering</i> , 2004 , 69, 23-30	0.4	1
58	FULL SCALE SHAKING TABLE TEST OF THE EXPOSED-TYPE COLUMN BASES. <i>Journal of Structural and Construction Engineering</i> , 1998 , 63, 185-192	0.4	1
57	FRACTOGRAPHY OF BEAM-TO-COLUMN WELDED CONNECTIONS BY FULL SCALE SHAKING TABLE TEST. <i>Journal of Structural and Construction Engineering</i> , 2000 , 65, 29-36	0.4	1
56	FULL SCALE SHAKING TABLE TEST OF FLEXIBLE-STIFF MIXED STRUCTURE WITH BRACE-TYPE HYSTERETIC DAMPERS. <i>Journal of Structural and Construction Engineering</i> , 2001 , 66, 171-178	0.4	1
55	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. <i>Journal of Structural and Construction Engineering</i> , 2002 , 67, 123-130	0.4	1
54	CONCRETE APPROACH ON LONG TERM AND DENSE MONITORING SYSTEM OF SEISMICALLY ISOLATED TALL BUILDING(Structures). <i>AIJ Journal of Technology and Design</i> , 2005 , 11, 73-77	0.2	1

53	RELATIONSHIPS OF DAMAGE BETWEEN STEEL MEMBER AND MATERIAL SUBJECTED TO CYCLIC LOADING. <i>Journal of Structural and Construction Engineering</i> , 2006 , 71, 139-146	0.4	1
52	SHEAR STRENGTH OF SRC BEAM-TO-COLUMN JOINTS WITH CONCRETE FILLED SQUARE TUBULAR COLUMN. <i>Journal of Structural and Construction Engineering</i> , 2020 , 85, 1091-1101	0.4	1
51	DAMAGE DISTRIBUTION RULE OF WEAK BEAM TYPE MULTI-STORY STEEL FRAMES INFLUENCED BY STRENGTH AND STIFFNESS RATIOS OF BEAM AND COLUMN. <i>Journal of Structural and Construction Engineering</i> , 1998 , 63, 171-177	0.4	1
50	FULL SCALE SHAKING TABLE TEST OF COLD-FORMED RHS COLUMNS. <i>Journal of Structural and Construction Engineering</i> , 1999 , 64, 133-140	0.4	1
49	Energy-Based Prediction of the Displacement of DCFP Bearings. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 5259	2.6	1
48	Seismic behavior of steel space truss connections to reinforced concrete supporting columns. <i>Advances in Structural Engineering</i> , 136943322110623	1.9	1
47	EVALUATION METHOD OF PLASTIC DEFORMATION CAPACITY OF STEEL BEAM GOVERNED BY DUCTILE FRACTURE AT THE TOE OF THE WELD ACCESS HOLE. <i>Journal of Structural and Construction Engineering</i> , 2015 , 80, 767-777	0.4	0
46	Effect of column strength deterioration on the performance of steel moment-resisting frames subjected to multiple strong ground motions. <i>Engineering Structures</i> , 2021 , 252, 113579	4.7	0
45	STUDY ON THE SEISMIC RETROFIT OF ANGLE BRACE JOINT USING KNEE MEMBERS. <i>Journal of Structural and Construction Engineering</i> , 2019 , 84, 1589-1599	0.4	0
44	A Concise Hysteretic Model of 590 N/mm ² Grade High Performance Steel Considering the Bauschinger Effect. <i>International Journal of Steel Structures</i> , 2020 , 20, 1979-1988	1.3	0
43	Deformation capacity of 400 N/mm ² class structural steel under extremely large strains. <i>Journal of Constructional Steel Research</i> , 2021 , 182, 106678	3.8	0
42	Experimental study of concrete breakout failure mechanism in an exposed column base with a foundation beam. <i>Engineering Structures</i> , 2021 , 243, 112661	4.7	0
41	Experimental study on full-scale steel moment-resisting frames with nonstructural walls subjected to multiple earthquakes. <i>Engineering Structures</i> , 2021 , 242, 112549	4.7	0
40	THE AUTHOR'S ANSWER TO DISCUSSION BY KATSUKI TAKIGUCHI. <i>Journal of Structural and Construction Engineering</i> , 2016 , 81, 1175-1176	0.4	
39	RETROFIT EFFECTS FOR H-BEAM-TO-RHS COLUMN CONNECTIONS. <i>Journal of Structural and Construction Engineering</i> , 2016 , 81, 1733-1742	0.4	
38	CYCLIC LOADING TEST OF BEAM-TO-COLUMN CONNECTION WITH LOW MOMENT TRANSFERRING EFFICIENCY IN WEB. <i>Journal of Structural and Construction Engineering</i> , 2016 , 81, 345-355	0.4	
37	EVALUATION METHOD OF CYCLIC DEFORMATION CAPACITY FOR BEAM-END CONNECTIONS USING VARIOUS STEEL GRADES. <i>Journal of Structural and Construction Engineering</i> , 2016 , 81, 917-927	0.4	
36	EVALUATION OF D _s VALUE OF STEEL MOMENT RESISTING FRAMES WITH EXPOSED-TYPE COLUMN BASES. <i>Journal of Structural and Construction Engineering</i> , 2016 , 81, 357-367	0.4	

35	CALCULATION METHOD OF CONNECTION COEFFICIENT OF COMPOSITE BEAM. <i>Journal of Structural and Construction Engineering</i> , 2016 , 81, 1005-1014	0.4
34	PROPOSAL OF STANDARD LOADING PROTOCOL FOR BI-AXIAL LOADING TEST OF U-SHAPED STEEL DAMPERS. <i>AIJ Journal of Technology and Design</i> , 2016 , 22, 127-132	0.2
33	TRANSFERRING METHOD OF SHEAR FORCE IN PIN-TYPE COLUMN BASE FOR SEISMIC RETROFIT. <i>Journal of Structural and Construction Engineering</i> , 2014 , 79, 145-152	0.4
32	SEISMIC DAMAGE TO ROOF AND NON-STRUCTURAL COMPONENTS IN STEEL SCHOOL BUILDINGS DUE TO THE 2011 TOHOKU EARTHQUAKE. <i>AIJ Journal of Technology and Design</i> , 2014 , 20, 121-126	0.2
31	RETROFIT EFFECTS FOR WELDED WIDE FLANGE BEAM-TO-COLUMN CONNECTIONS. <i>Journal of Structural and Construction Engineering</i> , 2015 , 80, 681-691	0.4
30	DAMAGE OF STEEL SCHOOL BUILDINGS AND GROUND TRANSFORMATION IN THE 2011 TOHOKU EARTHQUAKE. <i>AIJ Journal of Technology and Design</i> , 2013 , 19, 573-578	0.2
29	SHEAR RESISTANCE OF ANCHOR BOLT WITH SMALL FREE EDGES IN EXPOSED TYPE STEEL COLUMN BASE. <i>Journal of Structural and Construction Engineering</i> , 2010 , 75, 1517-1525	0.4
28	EXPERIMENTAL SIMULATION OF PROGRESSIVE COLLAPSE OF PERIMETER FRAMES DUE TO OUT-OF-PLANE BEHAVIOR. <i>Journal of Structural and Construction Engineering</i> , 2008 , 73, 1361-1368	0.4
27	ANALYTICAL SIMULATION OF PROGRESSIVE COLLAPSE OF PERIMETER FRAMES DUE TO OUT-OF-PLANE BEHAVIOR IN MOMENT FRAME STRUCTURES. <i>Journal of Structural and Construction Engineering</i> , 2008 , 73, 219-226	0.4
26	UPLIFTING BEHAVIOR OF BASE-ISOLATED STRUCTURES ON ELASTIC FOUNDATION DURING STRONG GROUND MOTION. <i>Journal of Structural and Construction Engineering</i> , 2006 , 71, 55-62	0.4
25	Experimental Method Using the Inertial Loading Equipment by the Large Scale Shaking Table 2002 , 61	
24	Cyclic behaviors of SHS columns subjected to small amplitude loading. <i>Engineering Structures</i> , 2022 , 252, 113611	4.7
23	Collapse behavior of weak column type steel moment resisting frames built with square hollow section columns subjected to bi-directional horizontal ground motion. <i>Journal of Building Engineering</i> , 2022 , 48, 103960	5.2
22	EXPERIMENTAL STUDY ON THE SEMI-RIGID BEAM-TO-COLUMN CONNECTIONS WITH SLIT PLATE DAMPERS. <i>Journal of Structural and Construction Engineering</i> , 2002 , 67, 113-120	0.4
21	EXPERIMENTAL STUDY ON THE EXPOSED-TYPE COLUMN BASE WITH HIGH CONSTRUCTIONAL ACCURACY. <i>Journal of Structural and Construction Engineering</i> , 2003 , 68, 205-212	0.4
20	STUDY ON RESISTANCE AGAINST CRACK OF STEEL MEMBER WITH GEOMETRICAL DISCONTINUITY. <i>Journal of Structural and Construction Engineering</i> , 2003 , 68, 151-158	0.4
19	FULL SCALE SHAKING TABLE TEST OF RC BEAM-TO-COLUMN CONNECTION. <i>Journal of Structural and Construction Engineering</i> , 2003 , 68, 111-118	0.4
18	DAMAGE CONTROLLED PILE FOUNDATION USING SLENDER SUPPORT PILES AND SQUAT EARTHQUAKE-RESISTING PILES. <i>Journal of Structural and Construction Engineering</i> , 2004 , 69, 59-66	0.4

- 17 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
- 16 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
- 15 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
- 14 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
- 13 RESPONSE OF MULTI-STORY FRAMES SUBJECTED TO COMBINED HORIZONTAL AND VERTICAL GROUND MOTIONS. *Journal of Structural and Construction Engineering (Transactions of AIJ)*, **1992**, 437, 51-57
- 12 EXPERIMENT ON THE MECHANICAL PROPERTIES AND THEIR IMPROVEMENT OF COLD PRESS-BENT STEEL PLATES. *Journal of Structural and Construction Engineering (Transactions of AIJ)*, **1993**, 444, 125-133
- 11 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
- 10 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
- 9 THE AUTHOR'S ANSWER TO DISCUSSION BY KATSUKI TAKIGUCHI. *Journal of Structural and Construction Engineering*, **2017**, 82, 311-312 0.4
- 8 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
- 7 STRUCTURAL BEHAVIOR OF BEAM-END PIN DETAILED CONNECTION WITH SLAB. *Journal of Structural and Construction Engineering*, **2021**, 86, 287-297 0.4
- 6 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
- 5 Evaluation of Earthquake Resistance of Steel Moment Resisting Frames. *Lecture Notes in Civil Engineering*, **2021**, 293-302 0.3
- 4 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
- 3 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
- 2 STRUCTURAL DAMAGE TO SCHOOL GYMNASIUMS DUE TO THE 2016 KUMAMOTO EARTHQUAKE. *AIJ Journal of Technology and Design*, **2018**, 24, 1313-1318 0.2
- 1 Cumulative deformation capacity of structural steel subjected to extremely large amplitude strain histories. *Journal of Building Engineering*, **2021**, 41, 102649 5.2