

# Zhe Qu

## List of Publications by Year in descending order

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516561

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times ranked

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#	ARTICLE	IF	CITATIONS
1	A Critical Review of Methods for Determining the Damage States for the In-plane Fragility of Masonry Infill Walls. <i>Journal of Earthquake Engineering</i> , 2022, 26, 4523-4544.	1.4	7
2	Response Spectrum Analysis of Peak Floor Accelerations of Buildings under Earthquakes. <i>Journal of Earthquake Engineering</i> , 2022, 26, 7337-7352.	1.4	3
3	The effect of strain rate and temperature on the hysteresis of shear dampers of LY225 low-yield-strength steel. <i>Engineering Structures</i> , 2022, 257, 114123.	2.6	4
4	Performance optimization and loading rate-dependency of friction dampers with non-metallic friction materials. <i>Journal of Building Engineering</i> , 2022, 54, 104609.	1.6	2
5	Seismic retrofitting of existing frame buildings through externally attached sub-structures: State of the art review and future perspectives. <i>Journal of Building Engineering</i> , 2022, 57, 104904.	1.6	41
6	Effect of prior in-plane damage on the out-of-plane behavior of masonry infill walls. <i>Engineering Structures</i> , 2021, 226, 111380.	2.6	18
7	Cyclic loading test of steel coupling beams with mid-span friction dampers and RC slabs. <i>Engineering Structures</i> , 2020, 203, 109876.	2.6	35
8	Effects of Strain Rate on the Hysteretic Behavior of Buckling-Restrained Braces. <i>Journal of Structural Engineering</i> , 2020, 146, .	1.7	9
9	An efficient and unconditionally stable numerical algorithm for nonlinear structural dynamics. <i>International Journal for Numerical Methods in Engineering</i> , 2020, 121, 4614-4629.	1.5	5
10	Behavior of masonry infilled Chuandou timber frames subjected to in-plane cyclic loading. <i>Engineering Structures</i> , 2020, 211, 110449.	2.6	24
11	Stiffness and Strength Demands for Pin-Supported Walls in Reinforced-Concrete Moment Frames. <i>Journal of Structural Engineering</i> , 2020, 146, .	1.7	13
12	Computational Evaluation of the Functional Loss and Recovery of Individual Buildings. <i>Journal of Performance of Constructed Facilities</i> , 2020, 34, .	1.0	5
13	Cyclic loading tests on RC moment frames retrofitted by PC frames with mild press joints through RC slabs for connection. <i>Engineering Structures</i> , 2019, 197, 109440.	2.6	7
14	Lessons from the seismic behavior of a steel grid roof structure heavily damaged in Lushan earthquake. <i>Earthquake Engineering and Engineering Vibration</i> , 2019, 18, 95-111.	1.1	11
15	Precast prestressed concrete frames for seismically retrofitting existing RC frames. <i>Engineering Structures</i> , 2019, 184, 345-354.	2.6	20
16	Evaluation of the fishbone model in simulating the seismic response of multistory reinforced concrete moment-resisting frames. <i>Earthquake Engineering and Engineering Vibration</i> , 2019, 18, 315-330.	1.1	15
17	Seismic responses of postyield hardening single-degree-of-freedom systems incorporating high-strength elastic material. <i>Earthquake Engineering and Structural Dynamics</i> , 2019, 48, 611-633.	2.5	11
18	Effect of axial compression ratio on concrete-filled steel tube composite shear wall. <i>Advances in Structural Engineering</i> , 2019, 22, 656-669.	1.2	13

#	ARTICLE	IF	CITATIONS
19	On civil engineering disasters and their mitigation. Earthquake Engineering and Engineering Vibration, 2018, 17, 1-10.	1.1	19
20	An experimental study of a damage-controllable plastic-hinge-supported wall structure. Earthquake Engineering and Structural Dynamics, 2018, 47, 594-612.	2.5	31
21	Moving toward cities where earthquakes will not cause a grievous disaster. Japan Architectural Review, 2018, 1, 410-418.	0.4	3
22	A complete introduction to the SCJ proposal and its commentary on the development of seismically resilient cities. Earthquake Engineering and Engineering Vibration, 2018, 17, 677-691.	1.1	3
23	Cyclic loading test of double K-braced reinforced concrete frame subassemblies with buckling restrained braces. Engineering Structures, 2017, 139, 1-14.	2.6	43
24	Shake table tests of suspended ceilings to simulate the observed damage in the M s7.0 Lushan earthquake, China. Earthquake Engineering and Engineering Vibration, 2016, 15, 239-249.	1.1	21
25	Subassemblage Cyclic Loading Tests of Buckling-Restrained Braced RC Frames with Unconstrained Gusset Connections. Journal of Structural Engineering, 2016, 142, .	1.7	14
26	Friction Damper in Steel Coupling Beams for Enhanced Seismic Resilience of High-rise Buildings. IABSE Symposium Report, 2015, , .	0.0	2
27	Local Damage Control of Unconstrained Gusset Connections for Buckling Restrained Braces in RC Frames. , 2015, , .		1
28	Numerical Assessment of Seismic Performance of Super High-rise RC Buildings with Buckling Restrained Braces. , 2015, , .		0
29	Lessons from the Behavior of a Monitored 11-Story Building during the 2011 Tohoku Earthquake for Robustness against Design Uncertainties. Earthquake Spectra, 2015, 31, 1471-1492.	1.6	17
30	Seismic responses of reinforced concrete frames with buckling restrained braces in zigzag configuration. Engineering Structures, 2015, 105, 12-21.	2.6	25
31	Seismic Damage to Masonry-Infilled Timber Houses in the 2013 M7.0 Lushan, China, Earthquake. Earthquake Spectra, 2015, 31, 1859-1874.	1.6	38
32	STRUCTURAL BEHAVIOR OF REINFORCED CONCRETE SUBASSEMBLAGE WITH BUCKLING RESTRAINED BRACES. Journal of Structural and Construction Engineering, 2014, 79, 603-612.	0.2	2
33	Preliminary investigation of seismic damage to two steel space structures during the 2013 Lushan earthquake. Earthquake Engineering and Engineering Vibration, 2013, 12, 497-500.	1.1	32
34	Subassemblage cyclic loading test of RC frame with buckling restrained braces in zigzag configuration. Earthquake Engineering and Structural Dynamics, 2013, 42, 1087-1102.	2.5	19
35	Influence of Isolation Gap Size on the Collapse Performance of Seismically Base-Isolated Buildings. Earthquake Spectra, 2013, 29, 1477-1494.	1.6	8
36	EXPERIMENTAL EVALUATION OF STRUCTURAL BEHAVIOR OF RC FRAME SUBASSEMBLIES WITH BRB CONNECTIONS. Journal of Structural and Construction Engineering, 2012, 77, 1737-1746.	0.2	5

#	ARTICLE	IF	CITATIONS
37	Pinâ€supported walls for enhancing the seismic performance of building structures. Earthquake Engineering and Structural Dynamics, 2012, 41, 2075-2091.	2.5	168
38	FUNDAMENTAL STUDY ON PROBABILISTIC EVALUATION OF THE ULTIMATE STATE OF BASE ISOLATED STRUCTURES. Journal of Structural and Construction Engineering, 2011, 76, 745-754.	0.2	8
39	Seismic retrofit of existing SRC frames using rocking walls and steel dampers. Frontiers of Architecture and Civil Engineering in China, 2011, 5, 259-266.	0.4	39
40	Size Effects for Reinforced Concrete Beams Strengthened in Shear with CFRP Strips. Journal of Composites for Construction, 2010, 14, 260-271.	1.7	67
41	FAILURE MECHANISM AND ITS CONTROL OF BUILDING STRUCTURES UNDER EARTHQUAKES BASED ON STRUCTURAL SYSTEM CONCEPT. Journal of Earthquake and Tsunami, 2009, 03, 249-259.	0.7	19
42	Distributed TLDs in RC floors and their vibration reduction efficiency. Earthquake Engineering and Engineering Vibration, 2008, 7, 107-112.	1.1	1
43	Experimental study on T-girders strengthened with prestressed CFRP sheets. , 2006, , 24.		0