

Li-Yan Xu

List of Publications by Year in descending order

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224
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclic hardening and softening behavior of the low yield point steel BLY160: Experimental response and constitutive modeling. <i>International Journal of Plasticity</i> , 2016, 78, 44-63.	4.1	98
2	Cyclic behaviour of low-yield-point steel shear panel dampers. <i>Engineering Structures</i> , 2016, 126, 391-404.	2.6	94
3	A general deep learning framework for history-dependent response prediction based on UA-Seq2Seq model. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2020, 372, 113357.	3.4	39
4	Cyclic hardening and softening behavior of the low yield point steel: Implementation and validation. <i>Engineering Structures</i> , 2020, 210, 110220.	2.6	28
5	An improved elasto-plastic constitutive model for the exquisite description of stress-strain hysteresis loops with cyclic hardening and softening effects. <i>Mechanics of Materials</i> , 2020, 150, 103590.	1.7	22
6	Rational modeling for cracking behavior of RC slabs in composite beams subjected to a hogging moment. <i>Construction and Building Materials</i> , 2018, 192, 357-365.	3.2	19
7	Analytical model and design formulae of circular CFSTs under axial tension. <i>Journal of Constructional Steel Research</i> , 2017, 133, 214-230.	1.7	13
8	Whole-process crack width prediction of reinforced concrete structures considering bonding deterioration. <i>Engineering Structures</i> , 2017, 142, 240-254.	2.6	13
9	Modeling Techniques for Strain-Range-Dependent Hardening Behavior of Low-Yield-Point Steel Shear Panel Dampers. <i>Journal of Structural Engineering</i> , 2017, 143, 04017172.	1.7	12
10	Cyclic softening behavior of structural steel with strain range dependence. <i>Journal of Constructional Steel Research</i> , 2021, 181, 106658.	1.7	11
11	Experimental study on confining-strengthening, confining-stiffening, and fractal cracking of circular concrete filled steel tubes under axial tension. <i>Engineering Structures</i> , 2017, 133, 186-199.	2.6	10
12	Seismic behavior of highly irregular structures with multiple passive energy dissipation system: Case study of a single-column elevated station. <i>Structural Design of Tall and Special Buildings</i> , 2020, 29, e1713.	0.9	10
13	Ratcheting assessment of low yield point steel BLY160: Experimental analysis and constitutive modelling. <i>Mechanics of Materials</i> , 2020, 148, 103460.	1.7	8
14	Novel design method for reinforced concrete decks in composite girders considering compressive membrane action. <i>Engineering Structures</i> , 2021, 229, 111558.	2.6	8
15	Influence of slab spatial composite effect on dynamic behaviour of composite frame structures under earthquake excitation. <i>Bulletin of Earthquake Engineering</i> , 2019, 17, 3071-3094.	2.3	7
16	Experiment Investigation and Numerical Analysis on the Low-Yield-Point Steel Shear Panel Dampers. , 2014, , .		3
17	Analysis of Equivalent Flexural Stiffness of Steel-Concrete Composite Beams in Frame Structures. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10305.	1.3	3