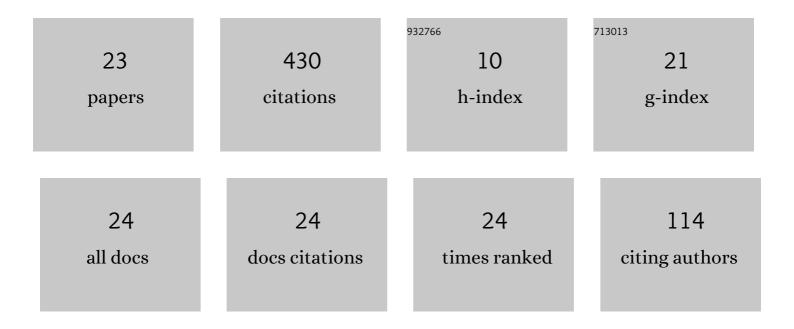
## Fei-Fei Sun

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Seismic protection of SDOF systems with a negative stiffness amplifying damper. Engineering Structures, 2019, 190, 128-141.	2.6	87
2	Dynamic Characteristics and Responses of Damped Outrigger Tall Buildings Using Negative Stiffness. Journal of Structural Engineering, 2020, 146, .	1.7	49
3	Performance evaluation of existing isolated buildings with supplemental passive pseudo-negative stiffness devices. Engineering Structures, 2018, 177, 30-46.	2.6	45
4	Simplified optimal design of MDOF structures with negative stiffness amplifying dampers based on effective damping. Structural Design of Tall and Special Buildings, 2019, 28, e1664.	0.9	43
5	Multi-objective optimal design and seismic performance of negative stiffness damped outrigger structures considering damping cost. Engineering Structures, 2021, 229, 111615.	2.6	39
6	Frequency-dependency/independency analysis of damping magnification effect provided by tuned inerter absorber and negative stiffness amplifying damper considering soil-structure interaction. Mechanical Systems and Signal Processing, 2022, 172, 108965.	4.4	38
7	Optimal design of supplemental negative stiffness damped outrigger system for high-rise buildings resisting multi-hazard of winds and earthquakes. Journal of Wind Engineering and Industrial Aerodynamics, 2021, 218, 104761.	1.7	32
8	Development of New-Type Buckling-Restrained Braces and Their Application in Aseismic Steel Frameworks. Advances in Structural Engineering, 2011, 14, 717-730.	1.2	17
9	Mechanical behavior of transverse fillet welded joints of high strength steel using digital image correlation techniques. Journal of Constructional Steel Research, 2019, 162, 105710.	1.7	13
10	A novel crosswind mitigation strategy for tall buildings using negative stiffness damped outrigger systems. Structural Control and Health Monitoring, 2022, 29, .	1.9	12
11	Mechanical behaviour of longitudinal lap-welded joints of high strength steel: Experimental and numerical analysis. Thin-Walled Structures, 2021, 159, 107286.	2.7	10
12	Experimental comparative study of coupled shear wall systems with steel and reinforced concrete link beams. Structural Design of Tall and Special Buildings, 2019, 28, e1678.	0.9	8
13	Experimental and analytical study on plastic overstrength of shear links covering the full range of length ratio. Engineering Structures, 2020, 220, 110961.	2.6	8
14	Analytical method of the modal damping ratio of the beam with distributed dissipative oscillators and application in broadband vibration mitigation. Mechanical Systems and Signal Processing, 2022, 166, 108470.	4.4	6
15	Fragility analysis and inelastic seismic performance of steel braced-core-tube frame outrigger tall buildings with passive adaptive negative stiffness damped outrigger. Journal of Building Engineering, 2022, 52, 104428.	1.6	5
16	Experimental Study on Behavior of Steel Tube Dampers. Journal of Earthquake Engineering, 2019, , 1-21.	1.4	4
17	Mitigating Inter-Story Drift Concentration of Concentrically Braced Steel Frames Using Energy-Dissipative Columns. Journal of Earthquake Engineering, 2022, 26, 221-239.	1.4	4
18	Modeling of Behavior of Continuous Energy-Dissipative Steel Columns Under Cyclic Loads. Journal of Earthquake Engineering, 2019, 23, 1560-1583.	1.4	4

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#	Article	IF	CITATIONS
19	Shaking Table Test on a Perforated Buckling-Restrained Steel Plate Shear Wall Structure. Journal of Earthquake Engineering, 2022, 26, 1824-1846.	1.4	3
20	An adaptive viscous damping wall for seismic protection: Experimental study and performance-based design. Journal of Building Engineering, 2021, 44, 102645.	1.6	2
21	Experimental study on the strength and fracture behaviour of fillet welded joints made of high strength steel under multiple loading angles. Thin-Walled Structures, 2021, 169, 108295.	2.7	1
22	Bearing capacity of H-beams with corrugated webs under partial compressive loading. , 2011, , .		0
23	Investigation on the Performance of Partial Penetration Welds in Multicell Concrete Filled Steel Tubes. Materials, 2021, 14, 7543.	1.3	0