# Guoshan Xu

## List of Publications by Year
in descending order

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|---|---|---|---|
| **17**<br>papers | **296**<br>citations | 1163117<br>**8**<br>h-index | 888059<br>**17**<br>g-index |
| **17**<br>all docs | **17**<br>docs citations | **17**<br>times ranked | **168**<br>citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Concept, analysis, and test of a self‐centering viscous damper with displacement capacity enhancement. Earthquake Engineering and Structural Dynamics, 2022, 51, 2791-2810. | 4.4 | 4 |
| 2 | Substructure Modeling and Loading-Control Techniques for the Test of a Full-Scale Spatial RC Frame with Buckling-Restrained Braces Subjected to Bidirectional Loading. Journal of Structural Engineering, 2021, 147, . | 3.4 | 7 |
| 3 | Experimental verification of an accessible geographically distributed real‐time hybrid simulation platform. Structural Control and Health Monitoring, 2020, 27, e2483. | 4.0 | 7 |
| 4 | Shaking Table Substructure Testing Based on Three-Variable Control Method with Velocity Positive Feedback. Applied Sciences (Switzerland), 2020, 10, 5414. | 2.5 | 10 |
| 5 | A shaking table substructure testing method for the structural seismic evaluation considering soil-structure interactions. Advances in Structural Engineering, 2020, 23, 3024-3036. | 2.4 | 1 |
| 6 | High performance compensation using an adaptive strategy for real-time hybrid simulation. Mechanical Systems and Signal Processing, 2019, 133, 106262. | 8.0 | 32 |
| 7 | Quasi-static tests of RC columns under variable axial forces and rotations. Engineering Structures, 2018, 162, 60-71. | 5.3 | 22 |
| 8 | An improved equivalent force control algorithm for hybrid seismic testing of nonlinear systems. Structural Control and Health Monitoring, 2018, 25, e2076. | 4.0 | 6 |
| 9 | Online numerical simulation: A hybrid simulation method for incomplete boundary conditions. Earthquake Engineering and Structural Dynamics, 2018, 47, 889-905. | 4.4 | 23 |
| 10 | Dual – loop force – displacement mixed control strategy and its application on the quasi – static test. Engineering Review, 2018, 38, 296-302. | 0.5 | 1 |
| 11 | Pseudodynamic tests with substructuring of a full‐scale precast box‐modularized structure made of reinforced concrete shear walls. Structural Design of Tall and Special Buildings, 2017, 26, e1354. | 1.9 | 23 |
| 12 | Application of the Energy-Conserving Integration Method to Hybrid Simulation of a Full-Scale Steel Frame. Algorithms, 2016, 9, 35. | 2.1 | 1 |
| 13 | Hybrid simulation of steel frame structures with sectional model updating. Earthquake Engineering and Structural Dynamics, 2016, 45, 1251-1269. | 4.4 | 32 |
| 14 | Equivalent force control method for substructure pseudo‐dynamic test of a full‐scale masonry structure. Earthquake Engineering and Structural Dynamics, 2014, 43, 969-983. | 4.4 | 9 |
| 15 | Performance and Application of Equivalent Force Control Method for Real-Time Substructure Testing. Journal of Engineering Mechanics - ASCE, 2012, 138, 1303-1316. | 2.9 | 11 |
| 16 | Equivalent Force Control Method for Real-time Testing of Nonlinear Structures. Journal of Earthquake Engineering, 2011, 15, 143-164. | 2.5 | 16 |
| 17 | Operator-splitting method for real-time substructure testing. Earthquake Engineering and Structural Dynamics, 2006, 35, 293-314. | 4.4 | 91 |