

Anjali Mehrotra

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11
papers

52
citations

4
h-index

7
g-index

13
ext. papers

96
ext. citations

3.1
avg, IF

3.29
L-index

#	Paper	IF	Citations
11	Distinct element modeling of the dynamic response of a rocking podium tested on a shake table. <i>Earthquake Engineering and Structural Dynamics</i> , 2021 , 50, 1469-1475	4	9
10	A Tool for the Rapid Seismic Assessment of Historic Masonry Structures Based on Limit Analysis Optimisation and Rocking Dynamics. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 942	2.6	13
9	Numerical Block-Based Simulation of Rocking Structures Using a Novel Universal Viscous Damping Model. <i>Journal of Engineering Mechanics - ASCE</i> , 2021 , 147, 04021089	2.4	2
8	A methodology to account for interface flexibility and crushing effects in multi-block masonry collapse mechanisms. <i>Meccanica</i> , 2020 , 55, 1237-1261	2.1	1
7	Material and Seismic Assessment of the Great House at Casa Grande Ruins National Monument, Arizona. <i>Journal of Architectural Engineering</i> , 2020 , 26, 05019007	1.5	2
6	A Methodology to Account for Crushing Effects During Out-of-Plane Collapse of Masonry. <i>RILEM Bookseries</i> , 2019 , 1318-1327	0.5	1
5	The influence of interface geometry, stiffness, and crushing on the dynamic response of masonry collapse mechanisms. <i>Earthquake Engineering and Structural Dynamics</i> , 2018 , 47, 2661-2681	4	12
4	A CAD-interfaced dynamics-based tool for analysis of masonry collapse mechanisms. <i>Engineering Structures</i> , 2018 , 172, 833-849	4.7	6
3	The Performance of Slender Monuments during the 2015 Gorkha, Nepal, Earthquake. <i>Earthquake Spectra</i> , 2017 , 33, 321-343	3.4	3
2	Seismic retrofitting of San Pedro de Atacama church 2016 , 1621-1624		
1	Reconstruction of the appearance and structural system of Trajang Bridge. <i>Journal of Cultural Heritage</i> , 2015 , 16, 65-72	2.9	3