

Marco Stupazzini

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

335
citations

933447

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996975

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16
all docs

16
docs citations

16
times ranked

265
citing authors

#	ARTICLE	IF	CITATIONS
1	Broadband Ground Motions from 3D Physics-Based Numerical Simulations Using Artificial Neural Networks. Bulletin of the Seismological Society of America, 2018, 108, 1272-1286.	2.3	57
2	Comparison of 3D, 2D and 1D numerical approaches to predict long period earthquake ground motion in the Gubbio plain, Central Italy. Bulletin of Earthquake Engineering, 2011, 9, 2007-2029.	4.1	54
3	Modelling basin effects on earthquake ground motion in the Santiago de Chile basin by a spectral element code. Geophysical Journal International, 2011, 187, 929-945.	2.4	36
4	3D Physics-Based Numerical Simulations of Ground Motion in Istanbul from Earthquakes along the Marmara Segment of the North Anatolian Fault. Bulletin of the Seismological Society of America, 2020, 110, 2559-2576.	2.3	29
5	Physics-based probabilistic seismic hazard and loss assessment in large urban areas: A simplified application to Istanbul. Earthquake Engineering and Structural Dynamics, 2021, 50, 99-115.	4.4	27
6	High-Resolution Seismic Hazard Analysis in a Complex Geological Configuration: The Case of the Sulmona Basin in Central Italy. Earthquake Spectra, 2014, 30, 1801-1824.	3.1	22
7	Numerical modeling of seismic waves by discontinuous spectral element methods. ESAIM Proceedings and Surveys, 2018, 61, 1-37.	0.4	22
8	Free-field rotations during earthquakes: Relevance on buildings. Earthquake Engineering and Structural Dynamics, 2012, 41, 875-891.	4.4	15
9	Experimental and Numerical Results on Earthquake-Induced Rotational Ground Motions. Journal of Earthquake Engineering, 2009, 13, 66-82.	2.5	14
10	Three-dimensional physics-based earthquake ground motion simulations for seismic risk assessment in densely populated urban areas. Mathematics in Engineering, 2020, 3, 1-31.	0.9	13
11	Near-Field Earthquake Strong Ground Motion Rotations and Their Relevance on Tall Buildings. Bulletin of the Seismological Society of America, 2018, 108, 1171-1184.	2.3	11
12	3D Physics-Based Numerical Simulations: Advantages and Current Limitations of a New Frontier to Earthquake Ground Motion Prediction. The Istanbul Case Study. Geotechnical, Geological and Earthquake Engineering, 2018, , 203-223.	0.2	10
13	Comment on "Broadband Ground Motion Simulation of the 2011 Mw 6.2 Christchurch, New Zealand, Earthquake" by H. N. T. Razafindrakoto, B. A. Bradley, and R. W. Graves. Bulletin of the Seismological Society of America, 2019, 109, 2138-2138.	2.3	3
14	Elasto-acoustic modeling and simulation for the seismic response of structures: The case of the Tahtal± dam in the 2020 earthquake. Journal of Computational Physics, 2022, 466, 111411.	3.8	2
15	Near-fault earthquake ground motion prediction by a high-performance spectral element numerical code. AIP Conference Proceedings, 2008, , .	0.4	0