Marco Stupazzini

List of Publications by Year
in descending order

15 papers	335 citations	933447 10 h-index	996975 15 g-index
16 all docs	16 docs citations	16 times ranked	265 citing authors

#	Article	IF	Citations
1	Elasto-acoustic modeling and simulation for the seismic response of structures: The case of the TahtalÄ± dam in the 2020 <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:mover accent="true"><mml:mrow><mml:mtext mathvariant="normal">I</mml:mtext></mml:mrow><mml:mrow><mml:mo>Ë™</mml:mo></mml:mrow></mml:mover></mml:math> earthquake. Journal of Computational Physics, 2022, 466, 111411.	3.8	2
2	Physicsâ€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
3	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
4	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
5	Comment on â€œBroadband Groundâ€Motion Simulation of the 2011 MwÂ6.2 Christchurch, New Zealand, Earthquakeâ€• 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
6	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
7	Nearâ€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
8	Broadband Ground Motions from 3D Physicsâ€Based Numerical Simulations Using Artificial Neural Networks. Bulletin of the Seismological Society of America, 2018, 108, 1272-1286.	2.3	57
9	Numerical modeling of seismic waves by discontinuous spectral element methods. ESAIM Proceedings and Surveys, 2018, 61, 1-37.	0.4	22
10	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
11	Freeâ€field rotations during earthquakes: Relevance on buildings. Earthquake Engineering and Structural Dynamics, 2012, 41, 875-891.	4.4	15
12	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
13	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
14	Experimental and Numerical Results on Earthquake-Induced Rotational Ground Motions. Journal of Earthquake Engineering, 2009, 13, 66-82.	2.5	14
15	Near-fault earthquake ground motion prediction by a high-performance spectral element numerical code. AIP Conference Proceedings, 2008, , .	0.4	0