

Bertrand Guillier

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

494
citations

840776

11
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

427
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of the influence of experimental conditions on H/V results from ambient noise recordings. Bulletin of Earthquake Engineering, 2008, 6, 33-74.	4.1	112
2	Influence of instruments on the H/V spectral ratios of ambient vibrations. Bulletin of Earthquake Engineering, 2008, 6, 3-31.	4.1	82
3	Restoration and balance of a folded and faulted surface by best-fitting of finite elements: principle and applications. Journal of Structural Geology, 1991, 13, 111-115.	2.3	63
4	Compatibility constraints on folded and faulted strata and calculation of total displacement using computational restoration (UNFOLD program). Journal of Structural Geology, 1993, 15, 391-402.	2.3	55
5	Site effect and damage distribution in Pujili (Ecuador) after the 28 March 1996 earthquake. Soil Dynamics and Earthquake Engineering, 1998, 17, 329-334.	3.8	53
6	Ambient Vibration Recording for Single-Station, Array and Building Studies Made Simple: CityShark II. International Journal of Geosciences, 2012, 03, 1168-1175.	0.6	25
7	Seismic response of Beirut (Lebanon) buildings: instrumental results from ambient vibrations. Bulletin of Earthquake Engineering, 2016, 14, 2705-2730.	4.1	23
8	Unfolding the subducting plate in the central New Hebrides Island ARC: Geometrical argument for detachment of part of the downgoing slab. Geophysical Research Letters, 1993, 20, 655-658.	4.0	21
9	Possible causes for the seismic activity observed in Cotopaxi Volcano, Ecuador. Geophysical Research Letters, 1998, 25, 2305-2308.	4.0	21
10	Using ambient vibration measurements for risk assessment at an urban scale: from numerical proof of concept to Beirut case study (Lebanon). Earth, Planets and Space, 2017, 69, .	2.5	15
11	Building frequency fluctuations from continuous monitoring of ambient vibrations and their relationship to temperature variations. Bulletin of Earthquake Engineering, 2016, 14, 2213-2227.	4.1	13
12	Retrofitting and Strengthening Evaluation from Stiffness Variations of a Damaged Building from Ambient Vibration Recordings. NATO Science for Peace and Security Series C: Environmental Security, 2009, , 227-238.	0.2	7
13	Evidence for a seismic activity mainly constituted of hybrid events at Cayambe volcano, Ecuador. Interpretation in a iced-domes volcano context. Comptes Rendus - Geoscience, 2006, 338, 499-506.	1.2	4