Ragnar SigbjÃ¶rnsson

List of Publications by Year
in descending order

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33 papers	600 citations	516710 16 h-index	610901 24 g-index
35 all docs	35 docs citations	35 times ranked	382 citing authors

#	Article	IF	Citations
1	Is Perception of Earthquake Effects Gender Dependent?. Geotechnical, Geological and Earthquake Engineering, 2018, , 357-368.	0.2	1
2	Modelling the stochastic dynamic behaviour of a pontoon bridge: A case study. Computers and Structures, 2016, 165, 123-135.	4.4	45
3	Seismic hazard assessment for Iceland in terms of macroseismic intensity using a site approach. Bulletin of Earthquake Engineering, 2016, 14, 1797-1811.	4.1	7
4	Interrelations in multi-source geohazard monitoring for safety management of infrastructure systems. Structure and Infrastructure Engineering, 2016, 12, 327-355.	3.7	7
5	Framing the 2010 EyjafjallajÃ¶kull volcanic eruption from a farming-disaster perspective. Natural Hazards, 2015, 77, 1619-1653.	3.4	8
6	Methodology for geohazard assessment for hydropower projects. Natural Hazards, 2015, 79, 1299-1331.	3.4	8
7	A saga of the 1896 South Iceland earthquake sequence: magnitudes, macroseismic effects and damage. Bulletin of Earthquake Engineering, 2014, 12, 171-184.	4.1	9
8	Disaster-Function Management: Basic Principles. Natural Hazards Review, 2014, 15, 48-57.	1.5	10
9	Effects of co-spectral densities of atmospheric turbulence on the dynamic response of cable-supported bridges: A case study. Journal of Wind Engineering and Industrial Aerodynamics, 2013, 116, 83-93.	3.9	19
10	Finite element formulation of the self-excited forces for time-domain assessment of wind-induced dynamic response and flutter stability limit of cable-supported bridges. Finite Elements in Analysis and Design, 2012, 50, 173-183.	3.2	29
11	Can Simple Pulses Adequately Represent Near-Fault Ground Motions?. Journal of Earthquake Engineering, 2011, 15, 1260-1272.	2.5	26
12	Probabilistic seismic hazard assessment for Thailand. Bulletin of Earthquake Engineering, 2011, 9, 367-394.	4.1	49
13	Assessment of ground motion variability and its effects on seismic hazard analysis: a case study for iceland. Bulletin of Earthquake Engineering, 2011, 9, 931-953.	4.1	29
14	Time domain modeling of self-excited aerodynamic forces for cable-supported bridges: A comparative study. Computers and Structures, 2011, 89, 1306-1322.	4.4	45
15	An alternative analytical approach to prediction of flutter stability limits of cable supported bridges. Journal of Sound and Vibration, 2011, 330, 2784-2800.	3.9	17
16	Digital Filters for Simulation of Seismic Ground Motion and Structural Response. Journal of Earthquake Engineering, 2011, 15, 1212-1237.	2.5	5
17	Simplified prediction of wind-induced response and stability limit of slender long-span suspension bridges, based on modified quasi-steady theory: A case study. Journal of Wind Engineering and Industrial Aerodynamics, 2010, 98, 730-741.	3.9	58
18	ICEARRAY: the first small-aperture, strong-motion array in Iceland. Journal of Seismology, 2009, 13, 173-178.	1.3	22

#	Article	IF	Citations
19	A Fast and Efficient Simulation of the Far-Fault and Near-Fault Earthquake Ground Motions Associated with the June 17 and 21, 2000, Earthquakes in South Iceland. Journal of Earthquake Engineering, 2007, 11, 343-370.	2.5	23
20	Significance of severe distant and moderate close earthquakes on design and behavior of tall buildings. Structural Design of Tall and Special Buildings, 2006, 15, 391-416.	1.9	30
21	Phases of Earthquake Experience: A Case Study of the June 2000 South Iceland Earthquakes. Risk Analysis, 2006, 26, 1235-1246.	2.7	7
22	Chromaticity of daylight: is the spectral composition of daylight an aetiological element in winter depression?. International Journal of Circumpolar Health, 2004, 63, 145-156.	1.2	3
23	Daylight availability: a poor predictor of depression in Iceland. International Journal of Circumpolar Health, 2004, 63, 267-276.	1.2	7
24	Stochastic models for simulation of strong ground motion in Iceland. Earthquake Engineering and Structural Dynamics, 2001, 30, 1305-1331.	4.4	18
25	Application of arma models to estimate earthquake ground motion and structural response. Earthquake Engineering and Structural Dynamics, 1995, 24, 951-966.	4.4	21
26	Spectral analysis of nonlinear wave load effects on offshore platforms. Engineering Structures, 1982, 4, 29-36.	5.3	10
27	Extreme and fatigue response of offshore platforms due to three-dimensional stochastic wave fields. Engineering Structures, 1981, 3, 219-224.	5.3	1
28	Along-wind response of suspension bridges with special reference to stiffening by horizontal cables. Engineering Structures, 1981, 3, 27-37.	5.3	6
29	Wave induced vibrations of gravity platforms: a stochastic theory. Applied Mathematical Modelling, 1980, 4, 155-165.	4.2	13
30	On stochastic dynamics of floating bridges. Engineering Structures, 1980, 2, 209-216.	5.3	28
31	On the reliability of standard wave spectra in structural response analysis. Engineering Structures, 1980, 2, 123-135.	5.3	14
32	Stochastic theory of wave loading processes. Engineering Structures, 1979, 1, 58-64.	5.3	19
33	Along-Wind Response of Large Bluff Buildings. Journal of the Structural Division, 1973, 99, 381-398.	0.2	4