Single and multiple sensor identification of avalanche-g

Cold Regions Science and Technology

47, 159-170

Citation Report

#	ARTICLE	IF	CITATIONS
1	Avalanche correlation in power spectra. , 2007, , .		0
3	Source location of the 19 February 2008 Oregon bolide using seismic networks and infrasound arrays. Journal of Geophysical Research, 2010, 115, .	3.3	41
4	Infrasound Propagation in the "Zone of Silence". Seismological Research Letters, 2010, 81, 614-624.	1.9	42
5	Monitoring avalanche activity using a seismic sensor. Cold Regions Science and Technology, 2011, 69, 165-176.	3.5	66
6	Monitoring snow avalanches in Northwestern Italian Alps using an infrasound array. Cold Regions Science and Technology, 2011, 69, 177-183.	3.5	54
8	On the complementariness of infrasound and seismic sensors for monitoring snow avalanches. Natural Hazards and Earth System Sciences, 2011, 11, 2355-2370.	3.6	42
9	Experimental study of infrasonic signal generation during rock fracture under uniaxial compression. International Journal of Rock Mechanics and Minings Sciences, 2013, 60, 37-46.	5.8	14
10	An overview of volcano infrasound: From hawaiian to plinian, local to global. Journal of Volcanology and Geothermal Research, 2013, 249, 123-139.	2.1	223
11	Calculating the velocity of a fastâ€moving snow avalanche using an infrasound array. Geophysical Research Letters, 2014, 41, 6191-6198.	4.0	23
12	Monitoring and recognition of debris flow infrasonic signals. Journal of Mountain Science, 2015, 12, 797-815.	2.0	17
13	Infrasound array criteria for automatic detection and front velocity estimation of snow avalanches: towards a real-time early-warning system. Natural Hazards and Earth System Sciences, 2015, 15, 2545-2555.	3.6	31
14	Robust snow avalanche detection using supervised machine learning with infrasonic sensor arrays. Cold Regions Science and Technology, 2015, 111, 60-66.	3.5	36
15	Acoustic emission characteristics and b-value estimate in relation to waveform analysis for damage response of snow. Cold Regions Science and Technology, 2015, 119, 170-182.	3.5	33
16	A Small Acoustic Goniometer for General Purpose Research. Sensors, 2016, 16, 622.	3.8	0
17	Forecasting snow avalanches using avalanche activity data obtained through seismic monitoring. Cold Regions Science and Technology, 2016, 132, 68-80.	3.5	19
18	Automatic detection of debris flows and debris floods based on a combination of infrasound and seismic signals. Landslides, 2016, 13, 1181-1196.	5.4	39
19	Automatic detection of avalanches: evaluation of three different approaches. Natural Hazards, 2017, 87, 83-102.	3.4	17
20	Using Hilbertâ€"Huang Transform (HHT) to Extract Infrasound Generated by the 2013 Lushan Earthquake in China. Pure and Applied Geophysics, 2017, 174, 865-874.	1.9	3

#	ARTICLE	IF	CITATIONS
21	Influence of low-altitude meteorological conditions on local infrasound propagation investigated by 3-D full-waveform modeling. Geophysical Journal International, 2017, 210, 1252-1263.	2.4	26
22	Localization of seismic events produced by avalanches using multiple signal classification. Geophysical Journal International, 2018, , .	2.4	12
23	Seismic and acoustic signatures of surficial mass movements at volcanoes. Journal of Volcanology and Geothermal Research, 2018, 364, 76-106.	2.1	62
24	Automatic detection of avalanches combining array classification and localization. Earth Surface Dynamics, 2019, 7, 491-503.	2.4	13
25	Infrasound Array Analysis of Debris Flow Activity and Implication for Early Warning. Journal of Geophysical Research F: Earth Surface, 2019, 124, 567-587.	2.8	50
26	The Internet of Things for Natural Risk Management (Inte.Ri.M.). , 0, , .		1
27	Evaluating the performance of an operational infrasound avalanche detection system at three locations in the Swiss Alps during two winter seasons. Cold Regions Science and Technology, 2020, 173, 102962.	3.5	17
28	Method for feature analysis and intelligent recognition of infrasound signals of soil landslides. Bulletin of Engineering Geology and the Environment, 2021, 80, 917-932.	3.5	7
29	Reconstructing surface eruptive sequence of 2018 small phreatic eruption of Iwo-yama volcano, Kirishima Volcanic Complex, Japan, by infrasound cross-correlation analysis. Earth, Planets and Space, 2021, 73, .	2.5	7
30	Infrasound a new weapon in cancer therapy?. Explore: the Journal of Science and Healing, 2021, , .	1.0	4
31	Snow Avalanche Detection and Source Constraints Made Using a Networked Array of Infrasound Sensors. Journal of Geophysical Research F: Earth Surface, 2021, 126, e2020JF005741.	2.8	10
32	Mobile Infrasound Avalanche Monitoring System: General Design Principle and Application of Results. Seismic Instruments, 2021, 57, 369-375.	0.3	3
33	Atmospheric Variability and Infrasound Monitoring. , 2010, , 475-507.		38
34	Worldwide Observations of Infrasonic Waves. , 2010, , 185-234.		68
35	A review on acoustic moni toring of debris flow. International Journal of Safety and Security Engineering, 2013, 3, 105-115.	1.0	11
36	Seismo-acoustic energy partitioning of a powder snow avalanche. Earth Surface Dynamics, 2020, 8, 399-411.	2.4	10
38	Detection of avalanche locations using infrasound array data. Bulletin of Glaciological Research, 2017, 35, 1-6.	1.0	3
39	Using local infrasound arrays to detect plunging snow avalanches along the Milford Road, New Zealand (Aotearoa). Natural Hazards, 0, , 1.	3.4	5

#	ARTICLE	IF	CITATIONS
40	Infrasound signals in simulated nontornadic and pre-tornadic supercells. Journal of the Acoustical Society of America, 2022, 151, 939-954.	1.1	2
41	Triggering mechanisms of Gayari avalanche, Pakistan. Natural Hazards, 2022, 112, 2361-2383.	3.4	2
42	Natural and Anthropogenic Sources of Seismic, Hydroacoustic, and Infrasonic Waves: Waveforms and Spectral Characteristics (and Their Applicability for Sensor Calibration). Surveys in Geophysics, 2022, 43, 1265-1361.	4.6	7
43	Infrasound array analysis of rapid mass movements in mountain regions. Advances in Geophysics, 2023, , 1-57.	2.8	1