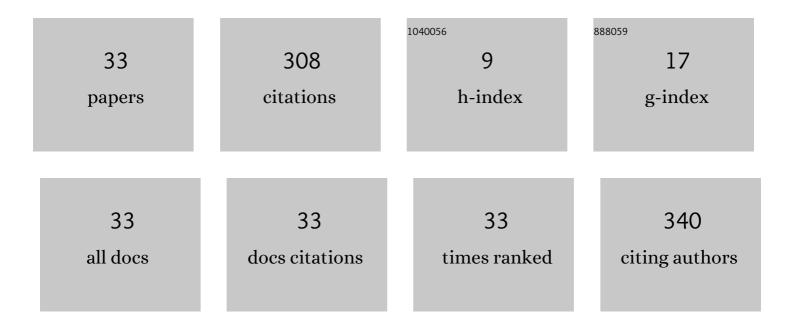
Craig Hickey

List of Publications by Year in descending order

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CDAIC HICKEY

#	Article	IF	CITATIONS
1	Acoustic measurements of pore-scale displacements. Geophysical Research Letters, 2003, 30, n/a-n/a.	4.0	45
2	The effect of evaporation-condensation on sound propagation in cylindrical tubes using the low reduced frequency approximation. Journal of the Acoustical Society of America, 1999, 105, 65-73.	1.1	35
3	Effects of Compaction on the Acoustic Velocity in Soils. Soil Science Society of America Journal, 2004, 68, 7-16.	2.2	31
4	Choosing Biot parameters for modeling water-saturated sand. Journal of the Acoustical Society of America, 1997, 102, 1480-1484.	1.1	27
5	Windâ€induced ground motion. Journal of Geophysical Research: Solid Earth, 2016, 121, 917-930.	3.4	26
6	Measurements of two types of dilatational waves in an air-filled unconsolidated sand. Journal of the Acoustical Society of America, 1997, 102, 128-136.	1.1	25
7	Effects of thermal diffusion on sound attenuation in evaporating and condensing gas-vapor mixtures in tubes. Journal of the Acoustical Society of America, 2000, 107, 1126-1130.	1.1	18
8	The effect of the physical properties of the tube wall on the attenuation of sound in evaporating and condensing gas–vapor mixtures. Journal of the Acoustical Society of America, 2000, 108, 2120-2124.	1.1	11
9	Acoustic end corrections for micro-perforated plates. Journal of the Acoustical Society of America, 2019, 146, EL399-EL404.	1.1	11
10	Subsurface Tunnel Detection Using Electrical Resistivity Tomography and Seismic Refraction Tomography: A Case Study. , 2010, , .		11
11	Thermo-viscous acoustic modeling of perforated micro-electro-mechanical systems (MEMS). Journal of the Acoustical Society of America, 2020, 148, 2376-2385.	1.1	9
12	Effects of Compaction on the Acoustic Velocity in Soils. Soil Science Society of America Journal, 2004, 68, 7.	2.2	9
13	Acoustic techniques for studying soilâ€surface seals and crusts. Ecohydrology, 2009, 2, 257-262.	2.4	8
14	Investigation of the near subsurface using acoustic to seismic coupling. Ecohydrology, 2009, 2, 263-269.	2.4	7
15	Seismic Measurements for Detecting Underground High ontrast Voids. , 2009, , .		7
16	Seismic diffraction separation in the near surface: Detection of high-contrast voids in unconsolidated soils. Geophysics, 2021, 86, WA13-WA23.	2.6	7
17	Windâ€Induced Ground Motion: Dynamic Model and Nonuniform Structure for Ground. Journal of Geophysical Research: Solid Earth, 2019, 124, 8478-8490.	3.4	5
18	Corrected Tilt Calculation for Atmospheric Pressure-Induced Seismic Noise. Applied Sciences (Switzerland), 2022, 12, 1247.	2.5	5

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#	Article	IF	CITATIONS
19	Timeâ€Lapse Seismic Measeurements on a Small Earthen Embankment During an Internal Erosion Experiment. , 2009, , .		3
20	Improving near-surface anomaly detection via a full-waveform inversion scheme integrated with seismic diffraction tomography. , 2020, , .		3
21	Analytical, computational, and experimental study of thermoviscous acoustic damping in perforated micro-electro-mechanical systems with flexible diaphragm. Journal of the Acoustical Society of America, 2021, 150, 2749-2756.	1.1	2
22	Seismic and acoustic excitation for shallow void detection: Experiments over a known buried pipe. , 2021, , .		1
23	Improving optimum-offset data for near-surface reflection surveying using a multi-parameter stacking scheme. , 2019, , .		1
24	Using common-reflection-surface stack for enhanced near-surface seismic reflection imaging: Examples from consolidated and unconsolidated environments. Geophysics, 2022, 87, EN45-EN56.	2.6	1
25	Detection of buried landmines using Bayesian model selection. AIP Conference Proceedings, 2001, , .	0.4	0
26	TIME-LAPSE SEISMIC TOMOGRAPHY AND ELECTRICAL RESISTIVITY MAPPING OF A SMALL EMBANKMENT DAM WITH POSSIBLE ZONES OF WEAKNESS , 2013, , .		0
27	Time-lapse streaming-potential measurement in a sand-box and calculation of streaming potential coupling coefficient. , 2021, , .		0
28	Imaging of near-surface seismic reflections using kinematic wavefront attributes. , 2021, , .		0
29	Mapping internal erosion soil pipes using geophysical methods. , 2021, , .		0
30	Seasonal influences on Seismic Signatures of Compromised Zones within Earthen Embankments. , 2015, , ,		0
31	GEOPHYSICAL SURVEYS ON CARROLL COUNTY DAM. , 2018, , .		0
32	INFLUENCE OF GROUND INHOMOGENEITY ON WIND INDUCED GROUND VIBRATIONS. , 2018, , .		0
33	ELASTODYNAMIC RESPONSE OF THE GROUND SURFACE CAUSED BY WIND. , 2018, , .		0