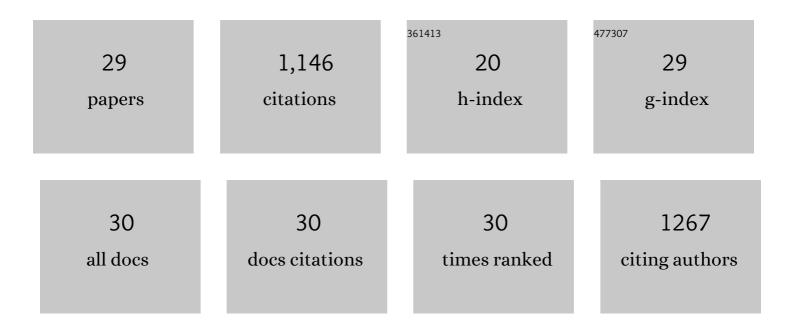
Cheryl McKenna-Neuman

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Particleâ€scale characterization of volcaniclastic dust sources within Iceland. Sedimentology, 2021, 68, 1137-1158.	3.1	8
2	Laboratory Investigation of Particle‣cale Factors Affecting the Settling Velocity of Volcaniclastic Dust. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD032660.	3.3	5
3	Wind Tunnelâ€Based Comparison of PM ₁₀ Emission Rates for Volcanic Ash and Glaciogenic Aerosol Sources Within Iceland. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD033392.	3.3	3
4	Experimental Validation of the Nearâ€Bed Particleâ€Borne Stress Profile in Aeolian Transport Systems. Journal of Geophysical Research F: Earth Surface, 2019, 124, 2463-2474.	2.8	9
5	An experimental study of the dynamics of saltation within a three-dimensional framework. Aeolian Research, 2018, 31, 62-71.	2.7	14
6	Assessing the Many Influences of High-Latitude Dust. Eos, 2018, 99, .	0.1	3
7	A wind tunnel investigation of particle segregation, ripple formation and armouring within sand beds of systematically varied texture. Earth Surface Processes and Landforms, 2017, 42, 749-762.	2.5	26
8	Highâ€latitude dust in the Earth system. Reviews of Geophysics, 2016, 54, 447-485.	23.0	207
9	PTV measurement of the spanwise component of aeolian transport in steady state. Aeolian Research, 2016, 20, 126-138.	2.7	19
10	A wind tunnel study of flow structure adjustment on deformable sand beds containing a surfaceâ€mounted obstacle. Journal of Geophysical Research F: Earth Surface, 2015, 120, 1824-1840.	2.8	31
11	A tribute to Michael R. Raupach for contributions to aeolian fluid dynamics. Aeolian Research, 2015, 19, 37-54.	2.7	27
12	Windblown fugitive dust emissions from smelter slag. Aeolian Research, 2014, 13, 19-29.	2.7	9
13	Vortex shedding and morphodynamic response of bed surfaces containing non-erodible roughness elements. Geomorphology, 2013, 198, 45-56.	2.6	33
14	Boundaryâ€layer turbulence characteristics during aeolian saltation. Geophysical Research Letters, 2012, 39, .	4.0	60
15	Microâ€topographic analysis of shell pavements formed by aeolian transport in a wind tunnel simulation. Journal of Geophysical Research, 2012, 117, .	3.3	16
16	A wind tunnel study of particle kinematics during crust rupture and erosion. Geomorphology, 2012, 173-174, 149-160.	2.6	29
17	A study of particle splash on developing ripple forms for two bed materials. Geomorphology, 2011, 129, 79-91.	2.6	34
18	Wind tunnel simulation of environmental controls on fugitive dust emissions from mine tailings. Atmospheric Environment, 2009, 43, 520-529.	4.1	66

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#	Article	IF	CITATIONS
19	A comparison of collisions of saltating grains with loose and consolidated silt surfaces. Journal of Geophysical Research, 2009, 114, .	3.3	32
20	Humidity control of particle emissions in aeolian systems. Journal of Geophysical Research, 2008, 113, .	3.3	48
21	Variation in bed level shear stress on surfaces sheltered by nonerodible roughness elements. Journal of Geophysical Research, 2008, 113, .	3.3	32
22	Measurement of water content as a control of particle entrainment by wind. Earth Surface Processes and Landforms, 2006, 31, 303-317.	2.5	56
23	Effects of Temperature and Humidity upon the Entrainment of Sedimentary Particles by Wind. Boundary-Layer Meteorology, 2003, 108, 61-89.	2.3	120
24	Temporal aspects of the abrasion of microphytic crusts under grain impact. Earth Surface Processes and Landforms, 2002, 27, 891-908.	2.5	40
25	Wind tunnel measurement of boundary-layer response to sediment transport. Boundary-Layer Meteorology, 1997, 84, 67-83.	2.3	43
26	Aeolian sediment flux decay: Non-linear behaviour on developing deflation lag surfaces. Earth Surface Processes and Landforms, 1995, 20, 423-435.	2.5	31
27	Observations of winter aeolian transport and niveo-aeolian deposition at crater lake, pangnirtung pass, N.W.T., Canada. Permafrost and Periglacial Processes, 1990, 1, 235-247.	3.4	51
28	Role of Sublimation in Particle Supply for Aeolian Transport in Cold Environments. Geografiska Annaler, Series A: Physical Geography, 1990, 72, 329-335.	1.5	24
29	Kinetic energy transfer through impact and its role in entrainment by wind of particles from frozen surfaces. Sedimentology, 1989, 36, 1007-1015.	3.1	43