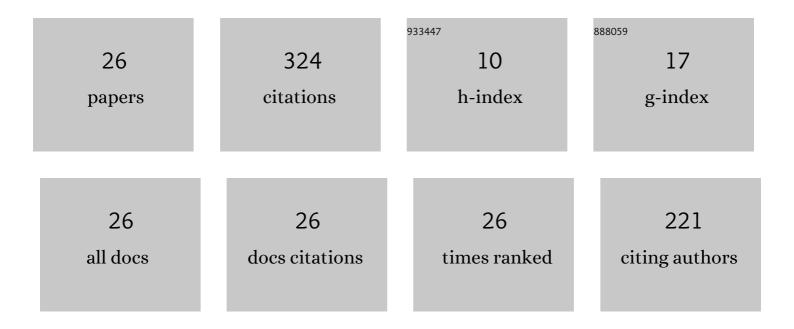
Liqiang Kang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Wind erosion rate for vegetated soil cover: A prediction model based on surface shear strength. Catena, 2020, 187, 104398.	5.0	39
2	Transition model for airflow fields from single plants to multiple plants. Agricultural and Forest Meteorology, 2019, 266-267, 29-42.	4.8	34
3	Cogitation on developing a dynamic model of soil wind erosion. Science China Earth Sciences, 2015, 58, 462-473.	5.2	31
4	Characteristics of particle size for creeping and saltating sand grains in aeolian transport. Sedimentology, 2015, 62, 1497-1511.	3.1	30
5	Wind erosion mass variability with sand bed in a wind tunnel. Soil and Tillage Research, 2017, 165, 181-189.	5.6	28
6	Numerical investigation of particle velocity distributions in aeolian sand transport. Geomorphology, 2010, 115, 156-171.	2.6	22
7	Experimental Investigation on Shear-Stress Partitioning for Flexible Plants with Approximately Zero Basal-to-Frontal Area Ratio in a Wind Tunnel. Boundary-Layer Meteorology, 2018, 169, 251-273.	2.3	21
8	Experimental Investigation of the Aerodynamic Roughness Length for Flexible Plants. Boundary-Layer Meteorology, 2019, 172, 397-416.	2.3	19
9	Experimental study on the effect of plant spacing, number of rows and arrangement on the airflow field of forest belt in a wind tunnel. Journal of Arid Environments, 2020, 178, 104169.	2.4	13
10	Aeolian creeping mass of different grain sizes over sand beds of varying length. Journal of Geophysical Research F: Earth Surface, 2015, 120, 1404-1417.	2.8	11
11	Experimental study of aeolian sand ripples in a wind tunnel. Earth Surface Processes and Landforms, 2018, 43, 312-321.	2.5	10
12	Sidewall effects and sand trap efficiency in a large wind tunnel. Earth Surface Processes and Landforms, 2018, 43, 1252-1258.	2.5	9
13	An improved particle counting method for particle volume concentration in aeolian sand transport. Powder Technology, 2015, 280, 191-200.	4.2	6
14	Particle size characteristics of aeolian ripple crests and troughs. Sedimentology, 2018, 65, 1859-1874.	3.1	6
15	A general model for predicting aeolian transport rate over sand surfaces with vegetation cover. Earth Surface Processes and Landforms, 2022, 47, 2471-2482.	2.5	6
16	Wind tunnel investigation of horizontal and vertical sand fluxes of ascending and descending sand particles in aeolian sand transport. Earth Surface Processes and Landforms, 2016, 41, 1647-1657.	2.5	5
17	Experimental investigation of mass flux and transport rate of different size particles in mixed sand transport by wind. Geomorphology, 2020, 367, 107320.	2.6	5
18	Theoretical analysis of particle number density in steady aeolian saltation. Geomorphology, 2014, 204, 542-552.	2.6	4

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#	Article	IF	CITATIONS
19	Application of a new wind driving force model in soil wind erosion area of northern China. Journal of Arid Land, 2020, 12, 423-435.	2.3	4
20	A modified Raupach's model applicable for shearâ€stress partitioning on surfaces covered with dense and flatâ€shaped gravel roughness elements. Earth Surface Processes and Landforms, 2021, 46, 907-920.	2.5	4
21	Influence of dust storms on atmospheric particulate pollution and acid rain in northern China. Air Quality, Atmosphere and Health, 2017, 10, 297-306.	3.3	3
22	Estimating fractional cover of non-photosynthetic vegetation in a typical grassland area of northern China based on Moderate Resolution Imaging Spectroradiometer (MODIS) image data. International Journal of Remote Sensing, 2019, , 1-18.	2.9	3
23	Variation of bed microtopography with time around an isolated surface-mounted cylindrical roughness element and its influence on wind flow. Aeolian Research, 2021, 50, 100688.	2.7	3
24	Simulating Airflow Around Flexible Vegetative Windbreaks. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD034578.	3.3	3
25	A modified aeolian flux model applicable for various soil particle characteristics. Catena, 2022, 212, 106042.	5.0	3
26	Effect of transverse ridge microtopography on the surface shear stress distribution and soil wind erosion. Soil and Tillage Research, 2020, 198, 104548.	5.6	2