

John van Boxel

List of Publications by Year in descending order

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36
papers

1,554
citations

394421

19
h-index

330143

37
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38
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38
docs citations

38
times ranked

1425
citing authors

#	ARTICLE	IF	CITATIONS
1	Geographic changes in the Aegean Sea since the Last Glacial Maximum: Postulating biogeographic effects of sea-level rise on islands. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 471, 108-119.	2.3	30
2	Wind Erosion Reduction by Scattered Woody Vegetation in Farmers' Fields in Northern Burkina Faso. <i>Land Degradation and Development</i> , 2016, 27, 1863-1872.	3.9	17
3	Updated site compilation of the Latin American Pollen Database. <i>Review of Palaeobotany and Palynology</i> , 2015, 223, 104-115.	1.5	63
4	Reconstructing past precipitation from lake levels and inverse modelling for Andean Lake La Cocha. <i>Journal of Paleolimnology</i> , 2014, 51, 63-77.	1.6	9
5	Modelling wind-blown sediment transport around single vegetation elements. <i>Earth Surface Processes and Landforms</i> , 2011, 36, 1218-1229.	2.5	77
6	Pollen-based biome reconstructions for Latin America at 0, 6000 and 18 000 radiocarbon years ago. <i>Climate of the Past</i> , 2009, 5, 725-767.	3.4	87
7	The effect of single vegetation elements on wind speed and sediment transport in the Sahelian zone of Burkina Faso. <i>Earth Surface Processes and Landforms</i> , 2007, 32, 1454-1474.	2.5	107
8	Application of GIS and logistic regression to fossil pollen data in modelling present and past spatial distribution of the Colombian savanna. <i>Climate Dynamics</i> , 2007, 29, 697-712.	3.8	20
9	Wind forces and related saltation transport. <i>Geomorphology</i> , 2005, 71, 357-372.	2.6	82
10	Sonic anemometers in aeolian sediment transport research. <i>Geomorphology</i> , 2004, 59, 131-147.	2.6	102
11	Changes in grain size of sand in transport over a foredune. <i>Earth Surface Processes and Landforms</i> , 2002, 27, 1163-1175.	2.5	66
12	Influence of reed stem density on foredune development. <i>Earth Surface Processes and Landforms</i> , 2001, 26, 1161-1176.	2.5	77
13	Aeolian processes across transverse dunes. I: Modelling the air flow. <i>Earth Surface Processes and Landforms</i> , 1999, 24, 255-270.	2.5	62
14	Aeolian processes across transverse dunes. II: modelling the sediment transport and profile development. <i>Earth Surface Processes and Landforms</i> , 1999, 24, 319-333.	2.5	98
15	Aeolian processes across transverse dunes. I: Modelling the air flow. <i>Earth Surface Processes and Landforms</i> , 1999, 24, 255-270.	2.5	2
16	Aeolian processes across transverse dunes. II: modelling the sediment transport and profile development. <i>Earth Surface Processes and Landforms</i> , 1999, 24, 319-333.	2.5	3
17	Title is missing!. <i>Plant and Soil</i> , 1998, 202, 1-13.	3.7	18
18	The effect of turbulent flow structures on saltation sand transport in the atmospheric boundary layer. <i>Earth Surface Processes and Landforms</i> , 1998, 23, 877-887.	2.5	141

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19	The effect of turbulent flow structures on saltation sand transport in the atmospheric boundary layer. <i>Earth Surface Processes and Landforms</i> , 1998, 23, 877-887.	2.5	1
20	Ecological effects of reactivation of artificially stabilized blowouts in coastal dunes. <i>Journal of Coastal Conservation</i> , 1997, 3, 57-62.	1.6	61
21	Nighttime exchange processes near the soil surface of a maize canopy. <i>Agricultural and Forest Meteorology</i> , 1996, 82, 155-169.	4.8	18
22	Air flow over foredunes and implications for sand transport. <i>Earth Surface Processes and Landforms</i> , 1995, 20, 315-332.	2.5	116
23	Vertical and horizontal distribution of wind speed and air temperature in a dense vegetation canopy. <i>Journal of Hydrology</i> , 1995, 166, 313-326.	5.4	20
24	Nighttime free convection characteristics within a plant canopy. <i>Boundary-Layer Meteorology</i> , 1994, 71, 375-391.	2.3	46
25	Wind velocity and algal crusts in dune blowouts. <i>Catena</i> , 1993, 20, 581-594.	5.0	21
26	The dependence of canopy layer turbulence on within-canopy thermal stratification. <i>Agricultural and Forest Meteorology</i> , 1992, 58, 247-256.	4.8	29
27	COMMENTS ON: WIND PROHLE: ESTIMATION OF DISPLACEMENT HEIGHT AND AERODYNAMIC ROUGHNESS. <i>Transactions of the American Society of Agricultural Engineers</i> , 1991, 34, 0177.	0.9	2
28	Macroclimate, microclimate and dune formation along the West European coast. <i>Landscape Ecology</i> , 1991, 6, 15-27.	4.2	4
29	The effects of changing wind regimes on the development of blowouts in the coastal dunes of The Netherlands. <i>Landscape Ecology</i> , 1991, 6, 41-48.	4.2	18
30	A rigid fast-response thermometer for atmospheric research. <i>Measurement Science and Technology</i> , 1991, 2, 26-31.	2.6	14
31	Comment on "A first-order closure scheme to describe counter-gradient momentum transport in plant canopies" by Z. J. Li, D. R. Miller and J. D. Lin. <i>Boundary-Layer Meteorology</i> , 1990, 51, 313-315.	2.3	1
32	Reply to the comment by Addo Van Pul and John H. Van Boxel on "a first order closure scheme to describe counter gradient momentum transport in plant canopies" by Li, Miller and Lin. <i>Boundary-Layer Meteorology</i> , 1990, 51, 317-317.	2.3	1
33	Water and surface energy balance model with a multilayer canopy representation for remote sensing purposes. <i>Water Resources Research</i> , 1989, 25, 949-971.	4.2	43
34	Computational parameter estimation for a maize crop. <i>Boundary-Layer Meteorology</i> , 1988, 42, 265-279.	2.3	13
35	Changes of the displacement height and roughness length of maize during a growing season. <i>Agricultural and Forest Meteorology</i> , 1988, 42, 53-62.	4.8	51
36	Sampling efficiency of aerosol samplers for large wind-borne particles—a preliminary report. <i>Journal of Aerosol Science</i> , 1983, 14, 65-68.	3.8	16