Simon van Bellen

List of Publications by Year
in descending order

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35 papers	1,904 citations	304602 22 h-index	360920 35 g-index
36 all docs	36 docs citations	36 times ranked	2126 citing authors

#	Article	IF	Citations
1	Palynological evidence of sea-surface conditions in the Barents Sea off northeast Svalbard during the postglacial period. Quaternary Research, 2022, 108, 180-194.	1.0	7
2	Widespread recent ecosystem state shifts in highâ€latitude peatlands of northeastern Canada and implications for carbon sequestration. Global Change Biology, 2022, 28, 1919-1934.	4.2	20
3	Measuring the prevalence of open access in Canada: A national comparison. Canadian Journal of Information & Library Sciences, 2022, 45, 1-21.	0.1	3
4	Expert assessment of future vulnerability of the global peatland carbon sink. Nature Climate Change, 2021, 11, 70-77.	8.1	167
5	Long-term and recent ecohydrological dynamics of patterned peatlands in north-central Quebec (Canada). Holocene, 2021, 31, 844-857.	0.9	19
6	Spatial variation of hydroclimate in north-eastern North America during the last millennium. Quaternary Science Reviews, 2021, 256, 106813.	1.4	6
7	Carbon and nitrogen accumulation rates in ombrotrophic peatlands of central and northern Alberta, Canada, during the last millennium. Biogeochemistry, 2020, 151, 251-272.	1.7	6
8	A database of Holocene temperature records for northâ€eastern North America and the northâ€western Atlantic. Geoscience Data Journal, 2020, 7, 38-43.	1.8	2
9	Impact of the Little Ice Age cooling and 20th century climate change on peatland vegetation dynamics in central and northern Alberta using a multi-proxy approach and high-resolution peat chronologies. Quaternary Science Reviews, 2018, 185, 230-243.	1.4	39
10	A graphical approach for documenting peatland hydrodiversity and orienting land management strategies. Hydrological Processes, 2018, 32, 873-890.	1.1	6
11	Testate amoeba records indicate regional 20thâ€century lowering of water tables in ombrotrophic peatlands in centralâ€northern Alberta, Canada. Global Change Biology, 2018, 24, 2758-2774.	4.2	29
12	Towards a Holarctic synthesis of peatland testate amoeba ecology: Development of a new continental-scale palaeohydrological transfer function for North America and comparison to European data. Quaternary Science Reviews, 2018, 201, 483-500.	1.4	38
13	Latitudinal limits to the predicted increase of the peatland carbon sink with warming. Nature Climate Change, 2018, 8, 907-913.	8.1	188
14	High-resolution age modelling of peat bogs from northern Alberta, Canada, using pre- and post-bomb 14C, 210Pb and historical cryptotephra. Quaternary Geochronology, 2018, 47, 138-162.	0.6	25
15	Multiproxy analysis of inception and development of the Lacâ€Ãâ€aâ€Tortue peatland complex, St Lawrence Lowlands, eastern Canada. Boreas, 2018, 47, 1084-1101.	1.2	1
16	Exploring pathways to late Holocene increased surface wetness in subarctic peatlands of eastern Canada. Quaternary Research, 2018, 90, 83-95.	1.0	3
17	An alternative approach to transfer functions? Testing the performance of a functional trait-based model for testate amoebae. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 468, 173-183.	1.0	25
18	Peat Bogs Document Decades of Declining Atmospheric Contamination by Trace Metals in the Athabasca Bituminous Sands Region. Environmental Science & Technology, 2017, 51, 6237-6249.	4.6	54

#	Article	IF	Citations
19	Insights and issues with estimating northern peatland carbon stocks and fluxes since the Last Glacial Maximum. Earth-Science Reviews, 2017, 165, 59-80.	4.0	91
20	Peat bogs in northern Alberta, Canada reveal decades of declining atmospheric Pb contamination. Geophysical Research Letters, 2016, 43, 9964-9974.	1.5	64
21	Measurements of hydrogen, oxygen and carbon isotope variability in Sphagnum moss along a microâ€topographical gradient in a southern Patagonian peatland. Journal of Quaternary Science, 2016, 31, 426-435.	1.1	28
22	Significance testing testate amoeba water table reconstructions. Quaternary Science Reviews, 2016, 138, 131-135.	1.4	23
23	Late-Holocene climate dynamics recorded in the peat bogs of Tierra del Fuego, South America. Holocene, 2016, 26, 489-501.	0.9	26
24	Integration of palaeohydrological proxies into a peatland model: a new tool for palaeoecological studies. Ecohydrology, 2015, 8, 214-229.	1.1	4
25	Simultaneous Determination of Stable Carbon, Oxygen, and Hydrogen Isotopes in Cellulose. Analytical Chemistry, 2015, 87, 376-380.	3.2	39
26	Testate amoebae as a proxy for reconstructing Holocene water table dynamics in southern Patagonian peat bogs. Journal of Quaternary Science, 2014, 29, 463-474.	1.1	50
27	A database and synthesis of northern peatland soil properties and Holocene carbon and nitrogen accumulation. Holocene, 2014, 24, 1028-1042.	0.9	404
28	Holocene carbon dynamics of boreal and subarctic peatlands from QuÃ©bec, Canada. Holocene, 2014, 24, 1043-1053.	0.9	41
29	Poor fen succession over ombrotrophic peat related to late Holocene increased surface wetness in subarctic Quebec, Canada. Journal of Quaternary Science, 2013, 28, 748-760.	1.1	30
30	Climate-related changes in peatland carbon accumulation during the last millennium. Biogeosciences, 2013, 10, 929-944.	1.3	257
31	Investigating late Holocene variations in hydroclimate and the stable isotope composition of precipitation using southern South American peatlands: an hypothesis. Climate of the Past, 2012, 8, 1457-1471.	1.3	15
32	Did fires drive Holocene carbon sequestration in boreal ombrotrophic peatlands of eastern Canada?. Quaternary Research, 2012, 78, 50-59.	1.0	22
33	Quantifying spatial and temporal Holocene carbon accumulation in ombrotrophic peatlands of the Eastmain region, Quebec, Canada. Global Biogeochemical Cycles, 2011, 25, n/a-n/a.	1.9	60
34	Holocene carbon accumulation rates from three ombrotrophic peatlands in boreal Quebec, Canada: Impact of climate-driven ecohydrological change. Holocene, 2011, 21, 1217-1231.	0.9	78
35	Impact of Climate Change on Forest Fire Severity and Consequences for Carbon Stocks in Boreal Forest Stands of Quebec, Canada: a Synthesis. Fire Ecology, 2010, 6, 16-44.	1.1	32