Matthew F Bekker

List of Publications by Year
in descending order

27 papers	480 citations	687363 13 h-index	677142 22 g-index
28 all docs	28 docs citations	28 times ranked	615 citing authors

#	ARTICLE	IF	CITATIONS
1	Positive Feedback Between Tree Establishment and Patterns of Subalpine Forest Advancement, Glacier National Park, Montana, U.S.A. Arctic, Antarctic, and Alpine Research, 2005, 37, 97-107.	1.1	113
2	Lithologic, structural, and geomorphic controls on ribbon forest patterns in a glaciated mountain environment. Geomorphology, 2003, 55, 203-217.	2.6	40
3	Fire disturbance, forest structure, and stand dynamics in montane forests of the southern Cascades, Thousand Lakes Wilderness, California, USA. Ecoscience, 2010, 17, 59-72.	1.4	40
4	Traumatic resin ducts as indicators of bark beetle outbreaks. Canadian Journal of Forest Research, 2017, 47, 1168-1174.	1.7	30
5	Landscape metrics indicate differences in patterns and dominant controls of ribbon forests in the Rocky Mountains, USA. Applied Vegetation Science, 2009, 12, 237-249.	1.9	29
6	A tree-ring based reconstruction of Logan River streamflow, northern Utah. Water Resources Research, 2013, 49, 8579-8588.	4.2	28
7	A 576â€Year Weber River Streamflow Reconstruction from Tree Rings for Water Resource Risk Assessment in the Wasatch Front, Utah. Journal of the American Water Resources Association, 2014, 50, 1338-1348.	2.4	27
8	Linear forest patterns in subalpine environments. Progress in Physical Geography, 2008, 32, 635-653.	3.2	26
9	Tree-ring reconstruction of the level of Great Salt Lake, USA. Holocene, 2014, 24, 805-813.	1.7	19
10	Spatial variation in the response of tree rings to normal faulting during the Hebgen Lake Earthquake, Southwestern Montana, USA. Dendrochronologia, 2004, 22, 53-59.	2.2	16
11	Anisohydric water use behavior links growing season evaporative demand to ring-width increment in conifers from summer-dry environments. Trees - Structure and Function, 2018, 32, 735-749.	1.9	16
12	A multi-century, tree-ring-derived perspective of the North Cascades (USA) 2014â€"2016 snow drought. Climatic Change, 2020, 162, 127-143.	3.6	16
13	Hydrology and hillslope processes explain spatial variation in treeâ€ring responses to the 1983 earthquake at Borah Peak, Idaho, USA. Earth Surface Processes and Landforms, 2018, 43, 3074-3085.	2.5	13
14	Flood history and river flow variability recorded in tree rings on the Dhur River, Bhutan. Dendrochronologia, 2019, 56, 125605.	2.2	11
15	Dendrochronology of Utah Juniper (<i>Juniperus osteosperma</i>(Torr.) Little). Tree-Ring Research, 2016, 72, 1-14.	0.6	10
16	Statistical treatment for the wet bias in tree-ring chronologies: a case study from the Interior West, USA. Environmental and Ecological Statistics, 2017, 24, 131-150.	3.5	10
17	Dendroarchaeology of the Salt Lake Tabernacle, Utah. Tree-Ring Research, 2007, 63, 95-104.	0.6	7
18	Chemical element concentrations in black locust (Robinia pseudoacacia L.) and green ash (Fraxinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Earth Sciences, 2010, 60, 1391-1405.	2.7	7

#	Article	IF	Citations
19	Creosote growth rate and reproduction increase in postfire environments. Ecology and Evolution, 2019, 9, 12897-12905.	1.9	6
20	Climate-induced treeline mortality during the termination of the Little Ice Age in the Greater Yellowstone Ecoregion, USA. Holocene, 2021, 31, 1288-1303.	1.7	5
21	Chapter 9 Modeling Feedback Effects on Linear Patterns of Subalpine Forest Advancement. Developments in Earth Surface Processes, 2009, 12, 167-190.	2.8	3
22	Rocky Substrate and the Lower Treeline Ecotone of Yellowstone's Northern Range. Physical Geography, 2011, 32, 356-373.	1.4	3
23	Individual variation and ecotypic niches in simulations of the impact of climatic volatility. Ecological Modelling, 2019, 411, 108782.	2.5	3
24	Dendrochronology and the Complex History of the William Hawk Cabin, Salt Lake City, Utah. Tree-Ring Research, 2016, 72, 91-102.	0.6	1
25	Tree Rings and Earthquakes. Advances in Global Change Research, 2010, , 391-397.	1.6	1
26	Spatial and covariate-varying relationships among dominant tree species in Utah. Environmental and Ecological Statistics, 2020, 27, 591-607.	3.5	0
27	Facilitation differentially affects competitive responses of aspen and subalpine fir through stages of stand development. Ecosphere, 2022, 13, .	2.2	0