

# Matthew F Bekker

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Facilitation differentially affects competitive responses of aspen and subalpine fir through stages of stand development. <i>Ecosphere</i> , 2022, 13, .	2.2	0
2	Climate-induced treeline mortality during the termination of the Little Ice Age in the Greater Yellowstone Ecoregion, USA. <i>Holocene</i> , 2021, 31, 1288-1303.	1.7	5
3	Spatial and covariate-varying relationships among dominant tree species in Utah. <i>Environmental and Ecological Statistics</i> , 2020, 27, 591-607.	3.5	0
4	A multi-century, tree-ring-derived perspective of the North Cascades (USA) 2014â€“2016 snow drought. <i>Climatic Change</i> , 2020, 162, 127-143.	3.6	16
5	Flood history and river flow variability recorded in tree rings on the Dhur River, Bhutan. <i>Dendrochronologia</i> , 2019, 56, 125605.	2.2	11
6	Creosote growth rate and reproduction increase in postfire environments. <i>Ecology and Evolution</i> , 2019, 9, 12897-12905.	1.9	6
7	Individual variation and ecotypic niches in simulations of the impact of climatic volatility. <i>Ecological Modelling</i> , 2019, 411, 108782.	2.5	3
8	Anisohydric water use behavior links growing season evaporative demand to ring-width increment in conifers from summer-dry environments. <i>Trees - Structure and Function</i> , 2018, 32, 735-749.	1.9	16
9	Hydrology and hillslope processes explain spatial variation in treeâ€™ring responses to the 1983 earthquake at Borah Peak, Idaho, USA. <i>Earth Surface Processes and Landforms</i> , 2018, 43, 3074-3085.	2.5	13
10	Statistical treatment for the wet bias in tree-ring chronologies: a case study from the Interior West, USA. <i>Environmental and Ecological Statistics</i> , 2017, 24, 131-150.	3.5	10
11	Traumatic resin ducts as indicators of bark beetle outbreaks. <i>Canadian Journal of Forest Research</i> , 2017, 47, 1168-1174.	1.7	30
12	Dendrochronology of Utah Juniper ( <i>Juniperus osteosperma</i> (Torr.) Little). <i>Tree-Ring Research</i> , 2016, 72, 1-14.	0.6	10
13	Dendrochronology and the Complex History of the William Hawk Cabin, Salt Lake City, Utah. <i>Tree-Ring Research</i> , 2016, 72, 91-102.	0.6	1
14	Tree-ring reconstruction of the level of Great Salt Lake, USA. <i>Holocene</i> , 2014, 24, 805-813.	1.7	19
15	A 576â€™year Weber River Streamflow Reconstruction from Tree Rings for Water Resource Risk Assessment in the Wasatch Front, Utah. <i>Journal of the American Water Resources Association</i> , 2014, 50, 1338-1348.	2.4	27
16	A tree-ring based reconstruction of Logan River streamflow, northern Utah. <i>Water Resources Research</i> , 2013, 49, 8579-8588.	4.2	28
17	Rocky Substrate and the Lower Treeline Ecotone of Yellowstone's Northern Range. <i>Physical Geography</i> , 2011, 32, 356-373.	1.4	3
18	Chemical element concentrations in black locust ( <i>Robinia pseudoacacia</i> L.) and green ash ( <i>Fraxinus</i> ) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Earth Sciences</i> , 2010, 60, 1391-1405.	2.7	7

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19	Fire disturbance, forest structure, and stand dynamics in montane forests of the southern Cascades, Thousand Lakes Wilderness, California, USA. <i>Ecoscience</i> , 2010, 17, 59-72.	1.4	40
20	Tree Rings and Earthquakes. <i>Advances in Global Change Research</i> , 2010, , 391-397.	1.6	1
21	Landscape metrics indicate differences in patterns and dominant controls of ribbon forests in the Rocky Mountains, USA. <i>Applied Vegetation Science</i> , 2009, 12, 237-249.	1.9	29
22	Chapter 9 Modeling Feedback Effects on Linear Patterns of Subalpine Forest Advancement. <i>Developments in Earth Surface Processes</i> , 2009, 12, 167-190.	2.8	3
23	Linear forest patterns in subalpine environments. <i>Progress in Physical Geography</i> , 2008, 32, 635-653.	3.2	26
24	Dendroarchaeology of the Salt Lake Tabernacle, Utah. <i>Tree-Ring Research</i> , 2007, 63, 95-104.	0.6	7
25	Positive Feedback Between Tree Establishment and Patterns of Subalpine Forest Advancement, Glacier National Park, Montana, U.S.A. <i>Arctic, Antarctic, and Alpine Research</i> , 2005, 37, 97-107.	1.1	113
26	Spatial variation in the response of tree rings to normal faulting during the Hebgen Lake Earthquake, Southwestern Montana, USA. <i>Dendrochronologia</i> , 2004, 22, 53-59.	2.2	16
27	Lithologic, structural, and geomorphic controls on ribbon forest patterns in a glaciated mountain environment. <i>Geomorphology</i> , 2003, 55, 203-217.	2.6	40