

Thomas A Minckley

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5498298/publications.pdf>

Version: 2024-02-01

55
papers

2,242
citations

394421

19
h-index

223800

46
g-index

56
all docs

56
docs citations

56
times ranked

2699
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in fire regimes since the Last Glacial Maximum: an assessment based on a global synthesis and analysis of charcoal data. <i>Climate Dynamics</i> , 2008, 30, 887-907.	3.8	590
2	Wildfire responses to abrupt climate change in North America. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 2519-2524.	7.1	352
3	Modern pollen data from North America and Greenland for multi-scale paleoenvironmental applications. <i>Quaternary Science Reviews</i> , 2005, 24, 1828-1848.	3.0	225
4	Resilience and regime change in a southern Rocky Mountain ecosystem during the past 17,000 years. <i>Ecological Monographs</i> , 2012, 82, 49-68.	5.4	75
5	Spatial variation of modern pollen in Oregon and southern Washington, USA. <i>Review of Palaeobotany and Palynology</i> , 2000, 112, 97-123.	1.5	74
6	Multi-decadal drought and amplified moisture variability drove rapid forest community change in a humid region. <i>Ecology</i> , 2012, 93, 219-226.	3.2	68
7	The relevance of wetland conservation in arid regions: A re-examination of vanishing communities in the American Southwest. <i>Journal of Arid Environments</i> , 2013, 88, 213-221.	2.4	55
8	Comparison of charcoal and tree-ring records of recent fires in the eastern Klamath Mountains, California, USA. <i>Canadian Journal of Forest Research</i> , 2004, 34, 2110-2121.	1.7	52
9	Vegetation, fire, and climate history of the northwestern Great Basin during the last 14,000 years. <i>Quaternary Science Reviews</i> , 2007, 26, 2167-2184.	3.0	52
10	Rapid hydrologic shifts and prolonged droughts in Rocky Mountain headwaters during the Holocene. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	51
11	Associations among modern pollen, vegetation, and climate in western North America. <i>Quaternary Science Reviews</i> , 2008, 27, 1962-1991.	3.0	46
12	Late Pleistocene raised beaches of coastal Estremadura, central Portugal. <i>Quaternary Science Reviews</i> , 2009, 28, 3428-3447.	3.0	42
13	Decomposing the mid-Holocene <i>Tsuga</i> decline in eastern North America. <i>Ecology</i> , 2012, 93, 1841-1852.	3.2	40
14	The transformation of Sonoran Desert wetlands following the historic decrease of burning. <i>Journal of Arid Environments</i> , 2002, 50, 393-412.	2.4	32
15	Ecological stability in a changing world? Reassessment of the palaeoenvironmental history of Cuatrociénegas, Mexico. <i>Journal of Biogeography</i> , 2008, 35, 188-190.	3.0	28
16	A 15,000 year record of vegetation and climate change from a treeline lake in the Rocky Mountains, Wyoming, USA. <i>Holocene</i> , 2012, 22, 739-748.	1.7	28
17	Inferring local to regional changes in forest composition from Holocene macrofossils and pollen of a small lake in central Upper Michigan. <i>Quaternary Science Reviews</i> , 2014, 98, 60-73.	3.0	24
18	Community-level functional interactions with fire track long-term structural development and fire adaptation. <i>Journal of Vegetation Science</i> , 2018, 29, 450-458.	2.2	24

#	ARTICLE	IF	CITATIONS
19	A ~8000 year fire history from an Arizona/Sonora borderland ciñega. <i>Journal of Arid Environments</i> , 2010, 74, 475-481.	2.4	23
20	Paleohydrology and growth of a desert ciñega. <i>Journal of Arid Environments</i> , 2007, 69, 420-431.	2.4	20
21	Coastal wetlands and the Neanderthal settlement of Portuguese Estremadura. <i>Geoarchaeology - an International Journal</i> , 2010, 25, 709-744.	1.5	20
22	Climatic Shifts in the Availability of Contested Waters: A Long-Term Perspective from the Headwaters of the North Platte River. <i>Annals of the American Association of Geographers</i> , 2010, 100, 866-879.	3.0	20
23	Holocene sedimentary and environmental history of an in-channel wetland along the ecotone of the Sonoran and Chihuahuan Desert grasslands. <i>Quaternary International</i> , 2011, 235, 40-47.	1.5	20
24	Temporal density of pollen sampling affects age determination of the mid-Holocene hemlock (<i>Tsuga</i>) decline. <i>Quaternary Science Reviews</i> , 2012, 45, 54-59.	3.0	18
25	The impact of Mt Mazama tephra deposition on forest vegetation in the Central Cascades, Oregon, USA. <i>Holocene</i> , 2014, 24, 503-511.	1.7	17
26	Climate variability and fire effects on quaking aspen in the central Rocky Mountains, <sc>USA</sc>. <i>Journal of Biogeography</i> , 2017, 44, 1280-1293.	3.0	17
27	Regionalization of fire regimes in the Central Rocky Mountains, USA. <i>Quaternary Research</i> , 2013, 80, 406-416.	1.7	16
28	Vegetation Responses to Changing Fire Regimes in a Rocky Mountain Forest. <i>Fire Ecology</i> , 2011, 7, 66-80.	3.0	15
29	A long-term perspective on woody plant encroachment in the desert southwest, <sc>N</sc>ew <sc>M</sc>exico, <sc>USA</sc>. <i>Journal of Vegetation Science</i> , 2014, 25, 829-838.	2.2	15
30	Paleofire severity and vegetation change in the Cascade Range, Oregon, USA. <i>Quaternary Research</i> , 2016, 85, 211-217.	1.7	15
31	Component age estimates for the Hell Gap Paleoindian site and methods for chronological modeling of stratified open sites. <i>Quaternary Research</i> , 2017, 88, 234-247.	1.7	14
32	Isotopic analysis of wetland development in the American Southwest. <i>Holocene</i> , 2009, 19, 737-745.	1.7	13
33	Evaluating the efficacy of sample collection approaches and DNA metabarcoding for identifying the diversity of plants utilized by nectivorous bats. <i>Genome</i> , 2019, 62, 19-29.	2.0	13
34	Response of arboreal pollen abundance to late-Holocene drought events in the Upper Midwest, USA. <i>Holocene</i> , 2012, 22, 531-539.	1.7	10
35	A record of Lateglacial/Holocene environmental change from a high-elevation site in the Intermountain West, USA. <i>Journal of Quaternary Science</i> , 2013, 28, 103-112.	2.1	10
36	Predicting Fire Propagation across Heterogeneous Landscapes Using WyoFire: A Monte Carlo-Driven Wildfire Model. <i>Fire</i> , 2020, 3, 71.	2.8	10

#	ARTICLE	IF	CITATIONS
37	Late-Holocene response of limber pine (<i>Pinus flexilis</i>) forests to fire disturbance in the Pine Forest Range, Nevada, USA. <i>Quaternary Research</i> , 2012, 78, 465-473.	1.7	9
38	Last interglacial vegetation and climate history from the Portuguese coast. <i>Journal of Quaternary Science</i> , 2015, 30, 59-69.	2.1	9
39	Eastern tropical Pacific vegetation response to rapid climate change and sea level rise: A new pollen record from the Gulf of Tehuantepec, southern Mexico. <i>Quaternary Science Reviews</i> , 2016, 145, 152-160.	3.0	8
40	Filling a Geographical Gap: New Paleoecological Reconstructions From the Desert Southwest, USA. <i>Frontiers in Earth Science</i> , 2018, 6, .	1.8	8
41	Modern pollenâ€“vegetation studies from the Sajnekhali Island Wildlife Sanctuary, Sundarbans, Eastern India. <i>Palynology</i> , 2019, 43, 213-222.	1.5	7
42	Late Pleistocene environments of the Bighorn Basin, Wyoming-Montana, USA. <i>Quaternary Research</i> , 2021, 99, 128-141.	1.7	7
43	Paleolithic Landscapes and Seascapes of the West Coast of Portugal. <i>Interdisciplinary Contributions To Archaeology</i> , 2011, , 203-246.	0.3	7
44	Novel vegetation and establishment of Chihuahuan Desert communities in response to late Pleistocene moisture availability in the CuatrociÃ©negas Basin, NE Mexico. <i>Holocene</i> , 2019, 29, 457-466.	1.7	6
45	A 7600 yr vegetation and fire history from Anthony Lake, northeastern Oregon, USA, with linkages to modern synoptic climate patterns. <i>Quaternary Research</i> , 2019, 91, 705-713.	1.7	6
46	Elevationâ€“dependent precipitation response to El NiÃ±oâ€“Southern oscillation revealed in headwater basins of the US central Rocky Mountains. <i>International Journal of Climatology</i> , 2021, 41, 1199-1210.	3.5	6
47	High dissimilarity within a multiyear annual record of pollen assemblages from a North American tallgrass prairie. <i>Ecology and Evolution</i> , 2016, 6, 5273-5289.	1.9	4
48	Biogeochemical Change During Climate-Driven Afforestation: A Paleoecological Perspective from the Rocky Mountains. <i>Ecosystems</i> , 2016, 19, 615-624.	3.4	4
49	Late Pleistocene Landscape and Settlement Dynamics of Portuguese Estremadura. <i>Journal of Field Archaeology</i> , 2020, 45, 222-248.	1.3	4
50	An age-depth model and revised stratigraphy of vertebrate-bearing units in Natural Trap Cave, Wyoming. <i>Quaternary International</i> , 2023, 647-648, 4-21.	1.5	4
51	Fire and hydrologically mediated diversity change in subalpine forests through the Holocene. <i>Journal of Vegetation Science</i> , 2020, 31, 380-391.	2.2	3
52	Validating CCSM3 paleoclimate data using pollen-based reconstruction in the intermountain west. <i>Quaternary Science Reviews</i> , 2019, 222, 105911.	3.0	2
53	Paleo-vegetation and environmental history of Natural Trap Cave based on pollen and carbon isotope analyses. <i>Quaternary International</i> , 2021, , .	1.5	2
54	â€œLate-Holocene response of limber pine (<i>Pinus flexilis</i>) forests to fire disturbance in the Pine Forest Range, Nevada, USAâ€“[<i>Quaternary Research</i> 78 (2012) 465â€“473]. <i>Quaternary Research</i> , 2013, 79, 309-309.	1.7	1

#	ARTICLE	IF	CITATIONS
55	Component age estimates for the Hell Gap Paleoindian site and methods for chronological modeling of stratified open sites - Response to commentary by C. Vance Haynes. Quaternary Research, 2018, 90, 248-250.	1.7	1