

Vachel A Carter

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

643
citations

623734

14
h-index

794594

19
g-index

30
all docs

30
docs citations

30
times ranked

1088
citing authors

#	ARTICLE	IF	CITATIONS
1	Pollen-based climate reconstruction techniques for late Quaternary studies. <i>Earth-Science Reviews</i> , 2020, 210, 103384.	9.1	123
2	Assessing canopy mortality during a mountain pine beetle outbreak using GeoEye-1 high spatial resolution satellite data. <i>Remote Sensing of Environment</i> , 2010, 114, 2431-2435.	11.0	82
3	Bark beetles as agents of change in social-ecological systems. <i>Frontiers in Ecology and the Environment</i> , 2018, 16, S34.	4.0	74
4	Managing bark beetle impacts on ecosystems and society: priority questions to motivate future research. <i>Journal of Applied Ecology</i> , 2017, 54, 750-760.	4.0	68
5	Fire hazard modulation by long-term dynamics in land cover and dominant forest type in eastern and central Europe. <i>Biogeosciences</i> , 2020, 17, 1213-1230.	3.3	52
6	The Eurasian Modern Pollen Database (EMPD), version 2. <i>Earth System Science Data</i> , 2020, 12, 2423-2445.	9.9	34
7	Holocene-scale fire dynamics of central European temperate spruce-beech forests. <i>Quaternary Science Reviews</i> , 2018, 191, 15-30.	3.0	32
8	Quantitative Palynology Informing Conservation Ecology in the Bohemian/Bavarian Forests of Central Europe. <i>Frontiers in Plant Science</i> , 2017, 8, 2268.	3.6	23
9	Holocene rapid climate changes and ice-rafting debris events reflected in high-resolution European charcoal records. <i>Quaternary Science Reviews</i> , 2019, 222, 105877.	3.0	22
10	Using fire regimes to delineate zones in a high-resolution lake sediment record from the western United States. <i>Quaternary Research</i> , 2013, 79, 24-36.	1.7	21
11	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
12	Legacies of Indigenous land use shaped past wildfire regimes in the Basin-Plateau Region, USA. <i>Communications Earth & Environment</i> , 2021, 2, .	6.8	17
13	Regionalization of fire regimes in the Central Rocky Mountains, USA. <i>Quaternary Research</i> , 2013, 80, 406-416.	1.7	16
14	Do bark beetle remains in lake sediments correspond to severe outbreaks? A review of published and ongoing research. <i>Quaternary International</i> , 2015, 387, 72-86.	1.5	15
15	A 1,500-year synthesis of wildfire activity stratified by elevation from the U.S. Rocky Mountains. <i>Quaternary International</i> , 2018, 488, 107-119.	1.5	15
16	Drought and vegetation change in the central Rocky Mountains and western Great Plains: potential climatic mechanisms associated with megadrought conditions at 4200 cal yr BP. <i>Climate of the Past</i> , 2018, 14, 1195-1212.		11
17	The role of climate-fuel feedbacks on Holocene biomass burning in upper-montane Carpathian forests. <i>Global and Planetary Change</i> , 2020, 193, 103264.	3.5	10
18	The Holocene dynamics of moss communities in subalpine wetland ecosystems in the Eastern Carpathian Mountains, Central Europe. <i>Bryologist</i> , 2020, 123, 84.	0.6	5

#	ARTICLE	IF	CITATIONS
19	Mountain aquatic <i>Isoetes</i> populations reflect millennial-scale environmental changes in the Bohemian Forest Ecosystem, Central Europe. <i>Holocene</i> , 2021, 31, 746-759.	1.7	3
20	Early-Career Scientists Discuss Paleoscience, Future Challenges. <i>Eos</i> , 2017, , .	0.1	0