

Christopher I Roos

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1799051/publications.pdf>

Version: 2024-02-01

27
papers

4,198
citations

516710

16
h-index

552781

26
g-index

27
all docs

27
docs citations

27
times ranked

5393
citing authors

#	ARTICLE	IF	CITATIONS
1	Fire in the Earth System. <i>Science</i> , 2009, 324, 481-484.	12.6	2,330
2	The human dimension of fire regimes on Earth. <i>Journal of Biogeography</i> , 2011, 38, 2223-2236.	3.0	845
3	Wildfire risk as a socioecological pathology. <i>Frontiers in Ecology and the Environment</i> , 2016, 14, 276-284.	4.0	164
4	The role of raw material differences in stone tool shape variation: an experimental assessment. <i>Journal of Archaeological Science</i> , 2014, 49, 472-487.	2.4	133
5	Native American depopulation, reforestation, and fire regimes in the Southwest United States, 1492â€“1900 CE. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E696-704.	7.1	113
6	Toolstone constraints on knapping skill: Levallois reduction with two different raw materials. <i>Journal of Archaeological Science</i> , 2011, 38, 2731-2739.	2.4	93
7	Multiscale perspectives of fire, climate and humans in western North America and the Jemez Mountains, USA. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150168.	4.0	78
8	Indigenous impacts on North American Great Plains fire regimes of the past millennium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8143-8148.	7.1	72
9	Native American fire management at an ancient wildlandâ€“urban interface in the Southwest United States. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	62
10	Pyrogeography, historical ecology, and the human dimensions of fire regimes. <i>Journal of Biogeography</i> , 2014, 41, 833-836.	3.0	47
11	Living on a flammable planet: interdisciplinary, cross-scalar and varied cultural lessons, prospects and challenges. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150469.	4.0	39
12	Phosphates, plowzones, and plazas: a minimally invasive approach to settlement structure of plowed village sites. <i>Journal of Archaeological Science</i> , 2012, 39, 23-32.	2.4	31
13	A 1416-year reconstruction of annual, multidecadal, and centennial variability in area burned for ponderosa pine forests of the southern Colorado Plateau region, Southwest USA. <i>Holocene</i> , 2012, 22, 281-290.	1.7	27
14	Scale in the study of Indigenous burning. <i>Nature Sustainability</i> , 2020, 3, 898-899.	23.7	25
15	Is Anthropogenic Pyrodiversity Invisible in Paleofire Records?. <i>Fire</i> , 2019, 2, 42.	2.8	21
16	Geoarchaeological evidence for ritual closure of a kiva at Fourmile Ruin, Arizona. <i>Journal of Archaeological Science</i> , 2013, 40, 615-625.	2.4	19
17	Anthropogenic Burning, Agricultural Intensification, and Landscape Transformation in Post-Lapita Fiji. <i>Journal of Ethnobiology</i> , 2016, 36, 535-553.	2.1	17
18	Fire Suppression Impacts on Fuels and Fire Intensity in the Western U.S.: Insights from Archaeological Luminescence Dating in Northern New Mexico. <i>Fire</i> , 2020, 3, 32.	2.8	15

#	ARTICLE	IF	CITATIONS
19	A comparison of charcoal reflectance between crown and surface fire contexts in dry south-west USA forests. International Journal of Wildland Fire, 2018, 27, 396.	2.4	14
20	The interaction of fire and mankind: Introduction. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150162.	4.0	13
21	Global combustion: the connection between fossil fuel and biomass burning emissions (1997â€“2010). Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150177.	4.0	12
22	Population collapse of a Gondwanan conifer follows the loss of Indigenous fire regimes in a northern Australian savanna. Scientific Reports, 2022, 12, .	3.3	7
23	The interaction of fire and mankind. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20160149.	4.0	6
24	Dating the origins of persistent oak shrubfields in northern New Mexico using soil charcoal and dendrochronology. Holocene, 2021, 31, 1212-1220.	1.7	6
25	A collaborative agenda for archaeology and fire science. Nature Ecology and Evolution, 2022, 6, 835-839.	7.8	6
26	Geoarchaeology of ritual behavior and sacred places: an introduction. Archaeological and Anthropological Sciences, 2017, 9, 1001-1004.	1.8	2
27	Anthropogenic Landscapes. , 2017, , .		1