Extreme climate after massive eruption of Alaskaâ€s Ol the late Roman Republic and Ptolemaic Kingdom

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Citation Report

#	Article	IF	Citations
1	Did volcano eruptions alter the trajectories of the Roman Republic and the Ptolemaic Kingdom? Moving beyond black-box determinism. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32207-32208.	3.3	2
2	Past pandemics and climate variability across the Mediterranean. Euro-Mediterranean Journal for Environmental Integration, 2020, 5, 46.	0.6	6
3	An Alaskan volcano, climate change, and the history of ancient Rome. Physics Today, 2020, 73, 17-20.	0.3	0
4	GEOCHEMISTRY ARTICLES â€“ July 2020. Organic Geochemistry, 2020, 149, 104098.	0.9	1
5	The importance of â€œyear zeroâ€•in interdisciplinary studies of climate and history. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32845-32847.	3.3	6
6	Reply to Strunz and Braeckel: Agricultural failures logically link historical events to extreme climate following the 43 BCE Okmok eruption. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32209-32210.	3.3	1
7	The sun of Rome is set! Volcanic dust veils and their political fallout. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 17470-17472.	3.3	1
8	Major volcanic eruptions linked to the Late Ordovician mass extinction: Evidence from mercury enrichment and Hg isotopes. Global and Planetary Change, 2021, 196, 103374.	1.6	26
9	Intraâ€Annual Climate Anomalies in Northwestern North America Following the 1783â€“1784 CE Laki Eruption. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033544.	1.2	14
10	Cryptotephra from the Icelandic VeiÃºivÃ¶tn 1477â€‰CE eruption in a Greenland ice core: confirming the dating of volcanic events in the 1450sâ€‰CE and assessing the eruption's climatic impact. Climate of the Past, 2021, 17, 565-585.	1.3	18
11	Dynamics of the Mediterranean droughts from 850 to 2099â€‰CE in the Community Earth System Model. Climate of the Past, 2021, 17, 887-911.	1.3	6
12	Unknown Eruption Source Parameters Cause Large Uncertainty in Historical Volcanic Radiative Forcing Reconstructions. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033578.	1.2	9
13	Human responses to the Ilopango Tierra Blanca Joven eruption: excavations at San AndrÃ©s, El Salvador. Antiquity, 0, , 1-15.	0.5	1
14	Hemispheric black carbon increase after the 13th-century MÄori arrival in New Zealand. Nature, 2021, 598, 82-85.	13.7	20
15	Inflation of Okmok Volcano During 2008â€“2020 From PS Analyses and Source Inversion With Finite Element Models. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB022420.	1.4	3
16	Statistical characteristics of extreme daily precipitation during 1501â€‰BCEâ€“1849â€‰CE in the Community Earth System Model. Climate of the Past, 2021, 17, 2031-2053.	1.3	1
17	New insights into the â€‰â¼4â€‰74â€‰ka Toba eruption from sulfur isotopes of polar ice cores. Climate of the Past, 2021, 17, 2119-2137.	1.3	14
19	How long and how strong must a climatic anomaly be in order to evoke a social transformation? Historical and contemporaneous case studies. Humanities and Social Sciences Communications, 2021, 8, .	1.3	3

#	Article	IF	Citations
20	Volcanic Eruptions, Veiled Suns, and Nile Failure in Egyptian History: Integrating Hydroclimate into Understandings of Historical Change. Palgrave Studies in Ancient Economies, 2021, , 301-320.	0.5	2
22	The Holocene History of the Diatom Community in a Small Water Body on Shemya Island (Aleutian Arc,) Tj ETQq1 1 0.784314 rgBT /Ove	1.2	1
23	Volcanic climate forcing preceding the inception of the Younger Dryas: Implications for tracing the Laacher See eruption. Quaternary Science Reviews, 2021, 274, 107260.	1.4	12
24	No evidence for tephra in Greenland from the historic eruption of Vesuvius in 79â€‰CE: implications for geochronology and paleoclimatology. Climate of the Past, 2022, 18, 45-65.	1.3	13
26	Origin of englacial stratigraphy at three deep ice core sites of the Greenland Ice Sheet by synthetic radar modelling. Journal of Glaciology, 0, , 1-13.	1.1	5
27	Cryosphere Sciences Perspectives on Integrated, Coordinated, Open, Networked (ICON) Science. Earth and Space Science, 2022, 9, .	1.1	0
28	Geochemical ice-core constraints on the timing and climatic impact of Aniakchak II (1628ÂBCE) and Thera (Minoan) volcanic eruptions. , 2022, 1, .		14
29	Bucking the trend: Population resilience in a marginal environment. PLoS ONE, 2022, 17, e0266680.	1.1	2
30	Volcanic effects on climate: recent advances and future avenues. Bulletin of Volcanology, 2022, 84, .	1.1	32
31	A multi-ice-core, annual-layer-counted Greenland ice-core chronology for the last 3800Âyears: GICC21. Climate of the Past, 2022, 18, 1125-1150.	1.3	8
32	Climatic, weather, and socio-economic conditions corresponding to the mid-17th-century eruption cluster. Climate of the Past, 2022, 18, 1083-1108.	1.3	11
33	The 852/3â€‰CE Mount Churchill eruption: examining the potential climatic and societal impacts and the timing of the Medieval Climate Anomaly in the North Atlantic region. Climate of the Past, 2022, 18, 1475-1508.	1.3	7
34	Volcanic stratospheric sulfur injections and aerosol optical depth during the Holocene (past 11â€‰500) Tj ETQq0 0 0 rgBT /Overlock 10	3.7	44
36	Historical changes in aerosol. , 2022, , 249-297.		0
37	Multiple Magma Sources Beneath the Okmok Caldera as Inferred From Local Earthquake Tomography. Journal of Geophysical Research: Solid Earth, 2022, 127, .	1.4	2
38	Climatic change around the 4.2Âka event in coastal areas of the East China Sea and its potential influence on prehistoric Japanese people. Palaeogeography, Palaeoclimatology, Palaeoecology, 2023, 609, 111310.	1.0	4
39	A chemical threshold controls nanocrystallization and degassing behaviour in basalt magmas. Communications Earth & Environment, 2022, 3, .	2.6	20
40	Systems change: Investigating climatic and environmental impacts on livestock production in lowland Italy between the Bronze Age and Late Antiquity (c. 1700 BC â€“ AD 700). Quaternary International, 2023, 662-663, 26-36.	0.7	2

#	Article	IF	Citations
41	Frequency of large volcanic eruptions over the past 200â€‰000Âyears. Climate of the Past, 2023, 19, 23-33.	1.3	2
42	The significance of volcanic ash in Greenland ice cores during the Common Era. Quaternary Science Reviews, 2023, 301, 107936.	1.4	5
43	Investigating hydroclimatic impacts of the 168â€“158â€‰BCE volcanic quartet and their relevance to the Nile River basin and Egyptian history. Climate of the Past, 2023, 19, 249-275.	1.3	2
44	Lunar eclipses illuminate timing and climate impact of medieval volcanism. Nature, 2023, 616, 90-95.	13.7	6
45	A record of volcanic eruptions over the past 2,200Âyears from Vostok firn cores, central East Antarctica. Frontiers in Earth Science, 0, 11, .	0.8	2