

Sarah A Fagents

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

647
citations

759233

12
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

1015
citing authors

#	ARTICLE	IF	CITATIONS
1	Considerations for effusive cryovolcanism on Europa: The post-Galileo perspective. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	155
2	Eruption dynamics of Hawaiian-style fountains: the case study of episode 1 of the K��lauea Iki 1959 eruption. <i>Bulletin of Volcanology</i> , 2011, 73, 511-529.	3.0	82
3	Photogeologic Map of the Perseverance Rover Field Site in Jezero Crater Constructed by the Mars 2020 Science Team. <i>Space Science Reviews</i> , 2020, 216, 1.	8.1	67
4	Clustering within rootless cone groups on Iceland and Mars: Effect of nonrandom processes. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	55
5	Toward a model for the bulking and debulking of lahars. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	49
6	Vesiculation of high fountaining Hawaiian eruptions: episodes 15 and 16 of 1959 K��lauea Iki. <i>Bulletin of Volcanology</i> , 2012, 74, 441-455.	3.0	46
7	Constraining explosive volcanism: subjective choices during estimates of eruption magnitude. <i>Bulletin of Volcanology</i> , 2014, 76, 1.	3.0	38
8	From field data to volumes: constraining uncertainties in pyroclastic eruption parameters. <i>Bulletin of Volcanology</i> , 2014, 76, 1.	3.0	38
9	A hybrid model for leveed lava flows: Implications for eruption styles on Mars. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	32
10	Emplacement of Martian rampart crater deposits. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	30
11	Eruptive and shallow conduit dynamics during Vulcanian explosions: insights from the Episode IV block field of the 1912 eruption of Novarupta, Alaska. <i>Bulletin of Volcanology</i> , 2017, 79, 1.	3.0	21
12	Total grain size distribution of an intense Hawaiian fountaining event: case study of the 1959 K��lauea Iki eruption. <i>Bulletin of Volcanology</i> , 2019, 81, 1.	3.0	15
13	Partitioning of pyroclasts between ballistic transport and a convective plume: K��lauea volcano, 19 March 2008. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 3379-3391.	3.4	8
14	The Importance of Field Studies for Closing Key Knowledge Gaps in Planetary Science. , 2021, 53, .		0