

# Penny E Wieser

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2907827/publications.pdf>

Version: 2024-02-01

12  
papers

249  
citations

933447

10  
h-index

1281871

11  
g-index

23  
all docs

23  
docs citations

23  
times ranked

297  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructural constraints on magmatic mushes under K��lauea Volcano, Hawai��i. Nature Communications, 2020, 11, 14.	12.8	35
2	Crystal scavenging from mush piles recorded by melt inclusions. Nature Communications, 2019, 10, 5797.	12.8	32
3	Chalcophile elements track the fate of sulfur at K��lauea Volcano, Hawai��i. Geochimica Et Cosmochimica Acta, 2020, 282, 245-275.	3.9	32
4	Reconstructing Magma Storage Depths for the 2018 K��lauean Eruption From Melt Inclusion CO <sub>2</sub> Contents: The Importance of Vapor Bubbles. Geochemistry, Geophysics, Geosystems, 2021, 22, e2020GC009364.	2.5	31
5	Volatile metal emissions from volcanic degassing and lava��seawater interactions at K��lauea Volcano, Hawai��i. Communications Earth & Environment, 2021, 2, .	6.8	25
6	Spatial and Temporal Variations in SO <sub>2</sub> and PM <sub>2.5</sub> Levels Around K��lauea Volcano, Hawai��i During 2007��2018. Frontiers in Earth Science, 2020, 8, .	1.8	21
7	New constraints from Central Chile on the origins of enriched continental compositions in thick-crustal arc magmas. Geochimica Et Cosmochimica Acta, 2019, 267, 51-74.	3.9	20
8	To sink, swim, twin, or nucleate: A critical appraisal of crystal aggregation processes. Geology, 2019, 47, 948-952.	4.4	19
9	Rapid metal pollutant deposition from the volcanic plume of K��lauea, Hawai��i. Communications Earth & Environment, 2021, 2, .	6.8	15
10	Explosive Activity on K��lauea's Lower East Rift Zone Fueled by a Volatile��Rich, Dacitic Melt. Geochemistry, Geophysics, Geosystems, 2022, 23, .	2.5	10
11	Chalcophile Elements: Systematics and Relevance. , 2021, , 67-80.		2
12	Publisher��s Note to ��Chalcophile elements track the fate of sulfur at K��lauea Volcano, Hawai��i�� [Geochim. Cosmochim. Acta 282 (2020) 245��275]. Geochimica Et Cosmochimica Acta, 2020, 282, 357.	3.9	0