

Shuoshuo Han

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

671
citations

759233

12
h-index

996975

15
g-index

24
all docs

24
docs citations

24
times ranked

658
citing authors

#	ARTICLE	IF	CITATIONS
1	Fine-scale segmentation of the crustal magma reservoir beneath the East Pacific Rise. <i>Nature Geoscience</i> , 2013, 6, 866-870.	12.9	99
2	Slow slip source characterized by lithological and geometric heterogeneity. <i>Science Advances</i> , 2020, 6, eaay3314.	10.3	95
3	Seismic reflection imaging of the Juan de Fuca plate from ridge to trench: New constraints on the distribution of faulting and evolution of the crust prior to subduction. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 1849-1872.	3.4	72
4	Links between sediment consolidation and Cascadia megathrust slip behaviour. <i>Nature Geoscience</i> , 2017, 10, 954-959.	12.9	60
5	Architecture of on- and off-axis magma bodies at EPR 9°37'40"N and implications for oceanic crustal accretion. <i>Earth and Planetary Science Letters</i> , 2014, 390, 31-44.	4.4	44
6	A 2D tomographic model of the Juan de Fuca plate from accretion at axial seamount to subduction at the Cascadia margin from an active source ocean bottom seismometer survey. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 5859-5879.	3.4	41
7	Post-seafloor spreading magmatism and associated magmatic hydrothermal systems in the Xisha uplift region, northwestern South China Sea. <i>Basin Research</i> , 2019, 31, 688-708.	2.7	26
8	Catalog of Offshore Seismicity in Cascadia: Insights Into the Regional Distribution of Microseismicity and its Relation to Subduction Processes. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 641-652.	3.4	25
9	Thick, strong sediment subduction along south-central Chile and its role in great earthquakes. <i>Earth and Planetary Science Letters</i> , 2020, 538, 116195.	4.4	22
10	Physical Properties and Gas Hydrate at a Near-seafloor Thrust Fault, Hikurangi Margin, New Zealand. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088474.	4.0	20
11	Expedition 372B/375 summary. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	20
12	Along-trench Structural Variations of the Subducting Juan de Fuca Plate From Multichannel Seismic Reflection Imaging. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 3122-3146.	3.4	19
13	Expedition 372B/375 methods. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	18
14	Site U1520. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	18
15	Site U1518. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	16
16	Basal Accretion Along the South Central Chilean Margin and Its Relationship to Great Earthquakes. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB019861.	3.4	14
17	Site U1517. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	14
18	The many double BSRs across the northern Hikurangi margin and their implications for subduction processes. <i>Earth and Planetary Science Letters</i> , 2021, 558, 116743.	4.4	12

#	ARTICLE	IF	CITATIONS
19	Site U1519. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	11
20	V_p/V_s Ratio of Incoming Sediments Off Cascadia Subduction Zone From Analysis of Controlled-Source Multicomponent OBS Records. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB019239.	3.4	9
21	Investigating the Basal Shear Zone of the Submarine Tuaheni Landslide Complex, New Zealand: A Core-Log Seismic Integration Study. Journal of Geophysical Research: Solid Earth, 2022, 127, .	3.4	8
22	Expedition 372A summary. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	6
23	Expedition 372A methods. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	2