

# Jiashun Hu

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

493  
citations

840776

11  
h-index

1125743

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

524  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modification of the Western Gondwana craton by plume–lithosphere interaction. <i>Nature Geoscience</i> , 2018, 11, 203-210.	12.9	115
2	Simulation of late Cenozoic South American flat-slab subduction using geodynamic models with data assimilation. <i>Earth and Planetary Science Letters</i> , 2016, 438, 1-13.	4.4	65
3	Western US volcanism due to intruding oceanic mantle driven by ancient Farallon slabs. <i>Nature Geoscience</i> , 2018, 11, 70-76.	12.9	62
4	Abnormal seismological and magmatic processes controlled by the tearing South American flat slabs. <i>Earth and Planetary Science Letters</i> , 2016, 450, 40-51.	4.4	58
5	Subduction Duration and Slab Dip. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2019GC008862.	2.5	42
6	Subduction-controlled mantle flow and seismic anisotropy in South America. <i>Earth and Planetary Science Letters</i> , 2017, 470, 13-24.	4.4	41
7	Western U.S. seismic anisotropy revealing complex mantle dynamics. <i>Earth and Planetary Science Letters</i> , 2018, 500, 156-167.	4.4	33
8	Reproducing past subduction and mantle flow using high-resolution global convection models. <i>Earth and Planetary Physics</i> , 2018, 2, 189-207.	1.1	22
9	Formation of East Asian Stagnant Slabs Due To a Pressure-Driven Cenozoic Mantle Wind Following Mesozoic Subduction. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094638.	4.0	18
10	Southward expanding plate coupling due to variation in sediment subduction as a cause of Andean growth. <i>Nature Communications</i> , 2021, 12, 7271.	12.8	18
11	Dynamics of the abrupt change in Pacific Plate motion around 50 million years ago. <i>Nature Geoscience</i> , 2022, 15, 74-78.	12.9	17