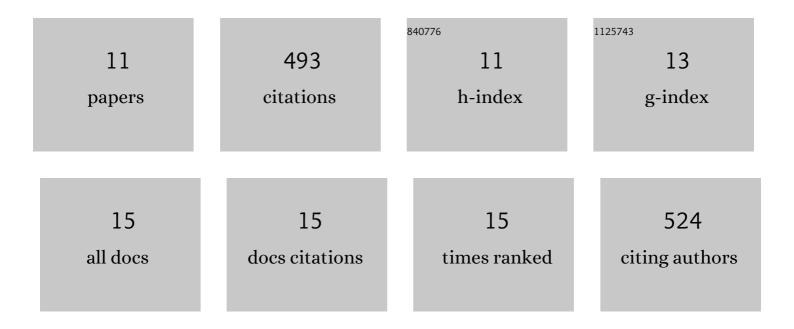
## Jiashun Hu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7663581/publications.pdf Version: 2024-02-01



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