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List of Publications by Year in Descending Order

55 papers	902 citations	15 h-index	28 g-index
61 ext. papers	1,101 ext. citations	3.5 avg, IF	3.98 L-index

#	Paper	IF	Citations
55	Structure and Stress Field of the Lithosphere Between Pamir and Tarim. *Geophysical Research Letters*, **2021**, 48, e2021GL095413	4.9	2
54	Evidence for Fluids at the Hypocenter of the 2017 Ms 7.0 Jiuzhaigou Earthquake Revealed by Local Earthquake Tomography. *Journal of Geophysical Research: Solid Earth*, **2021**, 126, e2020JB021036	3.6	2
53	Deep Crustal Contact Between the Pamir and Tarim Basin Deduced From Receiver Functions. *Geophysical Research Letters*, **2021**, 48, e2021GL093271	4.9	1
52	India-Tarim Lithospheric Mantle Collision Beneath Western Tibet Controls the Cenozoic Building of Tian Shan. *Geophysical Research Letters*, **2021**, 48, e2021GL094561	4.9	4
51	Upper Mantle Heterogeneity and Radial Anisotropy Beneath the Western Tibetan Plateau. *Tectonics*, **2021**, 40, e2020TC006403	4.3	1
50	Provenance of Jurassic-Cretaceous Tethyan Himalayan sequences in the Thakkhola Section- Nepal, inferring pre-collisional tectonics of the central Himalaya. *Journal of Asian Earth Sciences*, **2020**, 192, 104288	2.8	3
49	Occurrence of unconventional hydrocarbon deposits and its structural relation in Nepal Himalaya: implication for future exploration. *Arabian Journal of Geosciences*, **2020**, 13, 1	1.8	1
48	Upper Mantle Deformation of the Terror Rift and Northern Transantarctic Mountains in Antarctica: Insight From P Wave Anisotropic Tomography. *Geophysical Research Letters*, **2020**, 47, e2019GL086511	4.9	1
47	Lithospheric structure of western Tibet A brief review. *Journal of Asian Earth Sciences*, **2020**, 198, 104159	2.8	2
46	Seismic Evidence for Lateral Asthenospheric Flow Beneath the Northeastern Tibetan Plateau Derived From S Receiver Functions. *Geochemistry, Geophysics, Geosystems*, **2019**, 20, 883-894	3.6	10
45	Basement Structure and Properties of the Western Junggar Basin, China. *Journal of Earth Science (Wuhan, China)*, **2019**, 30, 223-235	2.2	7
44	Lithospheric structure beneath the eastern Junggar Basin (NW China), inferred from velocity, gravity and geomagnetism. *Journal of Asian Earth Sciences*, **2019**, 177, 295-306	2.8	6
43	Crustal structure of the middle segment of the Qilian fold belt and the coupling mechanism of its associated basin and range system. *Tectonophysics*, **2019**, 770, 128154	3.1	11
42	Clockwise rotation of the Tarim basin driven by the Indian plate impact. *Earth Sciences and Subsoil Use*, **2019**, 42, 425-436	0.3	4
41	Seismic anisotropy of the crust and upper mantle beneath western Tibet revealed by shear wave splitting measurements. *Geophysical Journal International*, **2019**, 216, 535-544	2.6	6
40	Electrical resistivity structures and tectonic implications of Main Karakorum Thrust (MKT) in the western Himalayas: NNE Pakistan. *Physics of the Earth and Planetary Interiors*, **2018**, 279, 57-66	2.3	4
39	Complex NS variations in Moho depth and Vp/Vs ratio beneath the western Tibetan Plateau as revealed by receiver function analysis. *Geophysical Journal International*, **2018**, 214, 895-906	2.6	7

38	Deep-seated lithospheric geometry in revealing collapse of the Tibetan Plateau. *Earth-Science Reviews*, **2018**, 185, 751-762	10.2	22
37	Basement structure and properties of the southern Junggar Basin. *Journal of Geodynamics*, **2018**, 121, 26-35	2.2	6
36	Rupture process of the 2015 Pishan earthquake from joint inversion of InSAR, teleseismic data and GPS. *Science China Earth Sciences*, **2018**, 61, 1467-1481	4.6	1
35	Formation of Rifts in Central Tibet: Insight From P Wave Radial Anisotropy. *Journal of Geophysical Research: Solid Earth*, **2018**, 123, 8827-8841	3.6	7
34	Structure of crust and upper mantle beneath NW Himalayas, Pamir and Hindukush by multi-scale double-difference seismic tomography. *Physics of the Earth and Planetary Interiors*, **2018**, 281, 92-102	2.3	8
33	Focal depths and mechanisms of shallow earthquakes in the Himalayan□tibetan region. *Gondwana Research*, **2017**, 41, 390-399	5.1	26
32	Density and magnetic intensity of the crust and uppermost mantle across the northern margin of the Tibetan Plateau. *Physics of the Earth and Planetary Interiors*, **2017**, 265, 15-22	2.3	9
31	Detailed Configuration of the Underthrusting Indian Lithosphere Beneath Western Tibet Revealed by Receiver Function Images. *Journal of Geophysical Research: Solid Earth*, **2017**, 122, 8257-8269	3.6	28
30	Crustal structure beneath Tien Shan orogenic belt and its adjacent regions from multi-scale seismic data. *Science China Earth Sciences*, **2017**, 60, 1769-1782	4.6	5
29	Internal Deformation of Lithosphere Beneath Central Tibet. *Journal of Geophysical Research: Solid Earth*, **2017**, 122, 7329-7342	3.6	6
28	Varying deformation patterns in central Tibet revealed by radial anisotropy tomography. *Journal of Geophysical Research: Solid Earth*, **2016**, 121, 3445-3461	3.6	9
27	Complex deformation in western Tibet revealed by anisotropic tomography. *Earth and Planetary Science Letters*, **2016**, 451, 97-107	5.3	12
26	Tomographic imaging of the underthrusting Indian slab and mantle upwelling beneath central Tibet. *Gondwana Research*, **2015**, 28, 121-132	5.1	25
25	Mapping crustal structure beneath southern Tibet: Seismic evidence for continental crustal underthrusting. *Gondwana Research*, **2015**, 27, 1487-1493	5.1	45
24	Upper mantle deformation beneath central-southern Tibet revealed by shear wave splitting measurements. *Tectonophysics*, **2014**, 627, 135-140	3.1	17
23	P-wave tomography and dynamics of the crust and upper mantle beneath western Tibet. *Gondwana Research*, **2014**, 25, 1690-1699	5.1	34
22	Crustal structure of northeastern margin of the Tibetan Plateau by receiver function inversion. *Science China Earth Sciences*, **2014**, 57, 741-750	4.6	9
21	Three-dimensional thermo-mechanical modeling of the Cenozoic uplift of the Tianshan mountains driven tectonically by the Pamir and Tarim. *Journal of Asian Earth Sciences*, **2013**, 62, 797-811	2.8	14

20	Distinct lateral contrast of the crustal and upper mantle structure beneath northeast Tibetan plateau from receiver function analysis. *Physics of the Earth and Planetary Interiors*, **2013**, 217, 1-9	2.3	18
19	Crustal structure of the central Qaidam basin imaged by seismic wide-angle reflection/refraction profiling. *Tectonophysics*, **2013**, 584, 174-190	3.1	25
18	Imaging lithospheric structure of the eastern Himalayan syntaxis: New insights from receiver function analysis. *Journal of Geophysical Research: Solid Earth*, **2013**, 118, 2323-2332	3.6	16
17	Crustal and upper mantle velocity structure beneath central Tibet by P-wave teleseismic tomography. *Geophysical Journal International*, **2012**, 190, 1325-1334	2.6	11
16	Lithospheric structure and geodynamic properties of the Tibetan plateau and its adjacent regions. *Earthquake Science*, **2012**, 25, 353-362	1.5	
15	Lithospheric structure and geodynamics at the northern margin of Tibetan plateau. *Earthquake Science*, **2012**, 25, 433-450	1.5	1
14	Focal depth estimates of earthquakes in the Himalayan-Tibetan region from teleseismic waveform modeling. *Earthquake Science*, **2012**, 25, 459-468	1.5	3
13	Crustal flow beneath the eastern margin of the Tibetan plateau. *Earthquake Science*, **2012**, 25, 469-483	1.5	6
12	Structural characteristics of the basement and the prospective of favorable oil and gas blocks in the Tacheng basin. *Earthquake Science*, **2012**, 25, 527-534	1.5	
11	Convergence of the Indian and Eurasian plates under eastern Tibet revealed by seismic tomography. *Geochemistry, Geophysics, Geosystems*, **2012**, 13, n/a-n/a	3.6	35
10	The lithosphere-asthenosphere boundary revealed by S-receiver functions from the Hi-CLIMB experiment. *Geophysical Journal International*, **2011**, 187, 414-420	2.6	23
9	Seismic P-wave tomography in eastern Tibet: Formation of the rifts. *Science Bulletin*, **2011**, 56, 2450-2455		7
8	The boundary between the Indian and Asian tectonic plates below Tibet. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 11229-33	11.5	252
7	Modelling of current crustal tectonic deformation in the Chinese Tianshan orogenic belt constrained by GPS observations. *Journal of Geophysics and Engineering*, **2010**, 7, 431-442	1.3	4
6	Moho offset beneath the central Bangong-Nujiang suture of Tibetan Plateau. *Science Bulletin*, **2010**, 55, 607-613		13
5	Characteristic of crustal structure beneath the rifts in southern Tibetan plateau. *Earthquake Science*, **2009**, 22, 373-377	1.5	1
4	Deep structure at northern margin of Tarim Basin. *Science Bulletin*, **2008**, 53, 1544-1554	10.6	6
3	Upper mantle seismic velocities and anisotropy in China determined through Pn and Sn tomography. *Journal of Geophysical Research*, **2007**, 112,		97

2	Relation between electricity structure of the crust and deformation of crustal blocks on the northeastern margin of Qinghai-Tibet Plateau. *Science in China Series D: Earth Sciences*, **2005**, 48, 1613-1626	23
1	A finite difference study on the basement structure beneath the Tianshan Orogen. *Science in China Series D: Earth Sciences*, **2004**, 47, 16	5