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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	The boundary between the Indian and Asian tectonic plates below Tibet. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 11229-33	11.5	252
54	Upper mantle seismic velocities and anisotropy in China determined through Pn and Sn tomography. <i>Journal of Geophysical Research</i> , 2007 , 112,		97
53	Mapping crustal structure beneath southern Tibet: Seismic evidence for continental crustal underthrusting. <i>Gondwana Research</i> , 2015 , 27, 1487-1493	5.1	45
52	Convergence of the Indian and Eurasian plates under eastern Tibet revealed by seismic tomography. <i>Geochemistry, Geophysics, Geosystems</i> , 2012 , 13, n/a-n/a	3.6	35
51	P-wave tomography and dynamics of the crust and upper mantle beneath western Tibet. <i>Gondwana Research</i> , 2014 , 25, 1690-1699	5.1	34
50	Detailed Configuration of the Underthrusting Indian Lithosphere Beneath Western Tibet Revealed by Receiver Function Images. <i>Journal of Geophysical Research: Solid Earth</i> , 2017 , 122, 8257-8269	3.6	28
49	Focal depths and mechanisms of shallow earthquakes in the Himalayan-Tibetan region. <i>Gondwana Research</i> , 2017 , 41, 390-399	5.1	26
48	Tomographic imaging of the underthrusting Indian slab and mantle upwelling beneath central Tibet. <i>Gondwana Research</i> , 2015 , 28, 121-132	5.1	25
47	Crustal structure of the central Qaidam basin imaged by seismic wide-angle reflection/refraction profiling. <i>Tectonophysics</i> , 2013 , 584, 174-190	3.1	25
46	The lithosphere-asthenosphere boundary revealed by S-receiver functions from the Hi-CLIMB experiment. <i>Geophysical Journal International</i> , 2011 , 187, 414-420	2.6	23
45	Relation between electricity structure of the crust and deformation of crustal blocks on the northeastern margin of Qinghai-Tibet Plateau. <i>Science in China Series D: Earth Sciences</i> , 2005 , 48, 1613-1626		23
44	Deep-seated lithospheric geometry in revealing collapse of the Tibetan Plateau. <i>Earth-Science Reviews</i> , 2018 , 185, 751-762	10.2	22
43	Distinct lateral contrast of the crustal and upper mantle structure beneath northeast Tibetan plateau from receiver function analysis. <i>Physics of the Earth and Planetary Interiors</i> , 2013 , 217, 1-9	2.3	18
42	Upper mantle deformation beneath central-southern Tibet revealed by shear wave splitting measurements. <i>Tectonophysics</i> , 2014 , 627, 135-140	3.1	17
41	Imaging lithospheric structure of the eastern Himalayan syntaxis: New insights from receiver function analysis. <i>Journal of Geophysical Research: Solid Earth</i> , 2013 , 118, 2323-2332	3.6	16
40	Three-dimensional thermo-mechanical modeling of the Cenozoic uplift of the Tianshan mountains driven tectonically by the Pamir and Tarim. <i>Journal of Asian Earth Sciences</i> , 2013 , 62, 797-811	2.8	14
39	Moho offset beneath the central Bangong-Nujiang suture of Tibetan Plateau. <i>Science Bulletin</i> , 2010 , 55, 607-613		13

38	Complex deformation in western Tibet revealed by anisotropic tomography. <i>Earth and Planetary Science Letters</i> , 2016 , 451, 97-107	5.3	12
37	Crustal structure of the middle segment of the Qilian fold belt and the coupling mechanism of its associated basin and range system. <i>Tectonophysics</i> , 2019 , 770, 128154	3.1	11
36	Crustal and upper mantle velocity structure beneath central Tibet by P-wave teleseismic tomography. <i>Geophysical Journal International</i> , 2012 , 190, 1325-1334	2.6	11
35	Seismic Evidence for Lateral Asthenospheric Flow Beneath the Northeastern Tibetan Plateau Derived From S Receiver Functions. <i>Geochemistry, Geophysics, Geosystems</i> , 2019 , 20, 883-894	3.6	10
34	Density and magnetic intensity of the crust and uppermost mantle across the northern margin of the Tibetan Plateau. <i>Physics of the Earth and Planetary Interiors</i> , 2017 , 265, 15-22	2.3	9
33	Crustal structure of northeastern margin of the Tibetan Plateau by receiver function inversion. <i>Science China Earth Sciences</i> , 2014 , 57, 741-750	4.6	9
32	Varying deformation patterns in central Tibet revealed by radial anisotropy tomography. <i>Journal of Geophysical Research: Solid Earth</i> , 2016 , 121, 3445-3461	3.6	9
31	Structure of crust and upper mantle beneath NW Himalayas, Pamir and Hindukush by multi-scale double-difference seismic tomography. <i>Physics of the Earth and Planetary Interiors</i> , 2018 , 281, 92-102	2.3	8
30	Basement Structure and Properties of the Western Junggar Basin, China. <i>Journal of Earth Science (Wuhan, China)</i> , 2019 , 30, 223-235	2.2	7
29	Complex NS variations in Moho depth and Vp/Vs ratio beneath the western Tibetan Plateau as revealed by receiver function analysis. <i>Geophysical Journal International</i> , 2018 , 214, 895-906	2.6	7
28	Seismic P-wave tomography in eastern Tibet: Formation of the rifts. <i>Science Bulletin</i> , 2011 , 56, 2450-2455		7
27	Formation of Rifts in Central Tibet: Insight From P Wave Radial Anisotropy. <i>Journal of Geophysical Research: Solid Earth</i> , 2018 , 123, 8827-8841	3.6	7
26	Lithospheric structure beneath the eastern Junggar Basin (NW China), inferred from velocity, gravity and geomagnetism. <i>Journal of Asian Earth Sciences</i> , 2019 , 177, 295-306	2.8	6
25	Basement structure and properties of the southern Junggar Basin. <i>Journal of Geodynamics</i> , 2018 , 121, 26-35	2.2	6
24	Internal Deformation of Lithosphere Beneath Central Tibet. <i>Journal of Geophysical Research: Solid Earth</i> , 2017 , 122, 7329-7342	3.6	6
23	Crustal flow beneath the eastern margin of the Tibetan plateau. <i>Earthquake Science</i> , 2012 , 25, 469-483	1.5	6
22	Deep structure at northern margin of Tarim Basin. <i>Science Bulletin</i> , 2008 , 53, 1544-1554	10.6	6
21	Seismic anisotropy of the crust and upper mantle beneath western Tibet revealed by shear wave splitting measurements. <i>Geophysical Journal International</i> , 2019 , 216, 535-544	2.6	6

20	Crustal structure beneath Tien Shan orogenic belt and its adjacent regions from multi-scale seismic data. <i>Science China Earth Sciences</i> , 2017 , 60, 1769-1782	4.6	5
19	A finite difference study on the basement structure beneath the Tianshan Orogen. <i>Science in China Series D: Earth Sciences</i> , 2004 , 47, 16		5
18	Electrical resistivity structures and tectonic implications of Main Karakorum Thrust (MKT) in the western Himalayas: NNE Pakistan. <i>Physics of the Earth and Planetary Interiors</i> , 2018 , 279, 57-66	2.3	4
17	Modelling of current crustal tectonic deformation in the Chinese Tianshan orogenic belt constrained by GPS observations. <i>Journal of Geophysics and Engineering</i> , 2010 , 7, 431-442	1.3	4
16	Clockwise rotation of the Tarim basin driven by the Indian plate impact. <i>Earth Sciences and Subsoil Use</i> , 2019 , 42, 425-436	0.3	4
15	India-Tarim Lithospheric Mantle Collision Beneath Western Tibet Controls the Cenozoic Building of Tian Shan. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL094561	4.9	4
14	Provenance of Jurassic-Cretaceous Tethyan Himalayan sequences in the Thakkhola Section- Nepal, inferring pre-collisional tectonics of the central Himalaya. <i>Journal of Asian Earth Sciences</i> , 2020 , 192, 104288	2.8	3
13	Focal depth estimates of earthquakes in the Himalayan-Tibetan region from teleseismic waveform modeling. <i>Earthquake Science</i> , 2012 , 25, 459-468	1.5	3
12	Structure and Stress Field of the Lithosphere Between Pamir and Tarim. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL095413	4.9	2
11	Lithospheric structure of western Tibet [A brief review]. <i>Journal of Asian Earth Sciences</i> , 2020 , 198, 104152	2.8	2
10	Evidence for Fluids at the Hypocenter of the 2017 Mw 7.0 Jiuzhaigou Earthquake Revealed by Local Earthquake Tomography. <i>Journal of Geophysical Research: Solid Earth</i> , 2021 , 126, e2020JB021036	3.6	2
9	Occurrence of unconventional hydrocarbon deposits and its structural relation in Nepal Himalaya: implication for future exploration. <i>Arabian Journal of Geosciences</i> , 2020 , 13, 1	1.8	1
8	Rupture process of the 2015 Pishan earthquake from joint inversion of InSAR, teleseismic data and GPS. <i>Science China Earth Sciences</i> , 2018 , 61, 1467-1481	4.6	1
7	Lithospheric structure and geodynamics at the northern margin of Tibetan plateau. <i>Earthquake Science</i> , 2012 , 25, 433-450	1.5	1
6	Characteristic of crustal structure beneath the rifts in southern Tibetan plateau. <i>Earthquake Science</i> , 2009 , 22, 373-377	1.5	1
5	Upper Mantle Deformation of the Terror Rift and Northern Transantarctic Mountains in Antarctica: Insight From P Wave Anisotropic Tomography. <i>Geophysical Research Letters</i> , 2020 , 47, e2019GL086511	4.9	1
4	Deep Crustal Contact Between the Pamir and Tarim Basin Deduced From Receiver Functions. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL093271	4.9	1
3	Upper Mantle Heterogeneity and Radial Anisotropy Beneath the Western Tibetan Plateau. <i>Tectonics</i> , 2021 , 40, e2020TC006403	4.3	1

- 2 Lithospheric structure and geodynamic properties of the Tibetan plateau and its adjacent regions.
Earthquake Science, **2012**, 25, 353-362 1.5
- 1 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