

# Chuansong He

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Seismic Evidence for a Geosuture between the Yangtze and Cathaysia Blocks, South China. Scientific Reports, 2013, 3, 2200.	3.3	97
2	Seismic evidence for plume-induced rifting in the Songliao Basin of Northeast China. Tectonophysics, 2014, 627, 171-181.	2.2	29
3	Crustal evolution and metallogeny in relation to mantle dynamics: A perspective from P-wave tomography of the South China Block. Lithos, 2016, 263, 3-14.	1.4	23
4	Crustal structure and continental dynamics of Central China: A receiver function study and implications for ultrahigh-pressure metamorphism. Tectonophysics, 2014, 610, 172-181.	2.2	22
5	Seismic evidence for the absence of deeply subducted continental slabs in the lower lithosphere beneath the Central Orogenic Belt of China. Tectonophysics, 2018, 723, 178-189.	2.2	20
6	Destruction of the North China Craton: a perspective based on receiver function analysis. Geological Journal, 2015, 50, 93-103.	1.3	19
7	Plume or no plume: Emeishan Large Igneous Province in Southwest China revisited from receiver function analysis. Physics of the Earth and Planetary Interiors, 2014, 232, 72-78.	1.9	18
8	Continental dynamics of Eastern China: Insights from tectonic history and receiver function analysis. Earth-Science Reviews, 2015, 145, 9-24.	9.1	18
9	Gold metallogeny associated with craton destruction: A geophysical perspective from the North China Craton. Ore Geology Reviews, 2016, 75, 29-41.	2.7	17
10	High-resolution Vs tomography of South China by joint inversion of body wave and surface wave data. Tectonophysics, 2022, 824, 229228.	2.2	15
11	Crustal growth and tectonic evolution of the Tianshan orogenic belt, NW China: A receiver function analysis. Journal of Geodynamics, 2014, 75, 41-52.	1.6	14
12	Mantle Upwelling Beneath the Cathaysia Block, South China. Tectonics, 2021, 40, e2020TC006447.	2.8	14
13	Seismic tomographic evidence for upwelling mantle plume in NE China. Physics of the Earth and Planetary Interiors, 2016, 254, 37-45.	1.9	12
14	Continental dynamics in a multi-convergent regime: a receiver function study from the North-South-Trending Tectonic Zone of China. International Geology Review, 2014, 56, 525-536.	2.1	10
15	Seismic Evidence for Plume and Subducting Slab in West Yunnan, Southwestern China. Acta Geologica Sinica, 2011, 85, 629-636.	1.4	8
16	Seismic structure of the Longmenshan area in SW China inferred from receiver function analysis: Implications for future large earthquakes. Journal of Asian Earth Sciences, 2014, 96, 226-236.	2.3	8
17	Lithospheric delamination and upwelling asthenosphere in the Longmenshan area: insight from teleseismic P-wave tomography. Scientific Reports, 2019, 9, 6967.	3.3	8
18	Formation of the North-South Seismic Zone and Emeishan Large Igneous Province in Central China: Insights from P-Wave Teleseismic Tomography. Bulletin of the Seismological Society of America, 2020, 110, 3064-3076.	2.3	8

#	ARTICLE	IF	CITATIONS
19	Upwelling mantle plume and lithospheric delamination beneath the North China Craton. <i>Physics of the Earth and Planetary Interiors</i> , 2020, 306, 106548.	1.9	7
20	Mantle roots of the Emeishan plume: an evaluation based on teleseismic P-wave tomography. <i>Solid Earth</i> , 2017, 8, 1141-1151.	2.8	6
21	Evidence for an upwelling mantle plume beneath the Songliao Basin, Northeast China. <i>Physics of the Earth and Planetary Interiors</i> , 2019, 297, 106316.	1.9	6
22	Crustal thickening and uplift of the Tibetan Plateau inferred from receiver function analysis. <i>Journal of Asian Earth Sciences</i> , 2015, 99, 112-124.	2.3	5
23	Role of mantle dynamics in rebuilding the Tianshan Orogenic Belt in NW China: A seismic tomographic investigation. <i>Journal of Geodynamics</i> , 2018, 116, 37-46.	1.6	5
24	Intraplate earthquakes and their link with mantle dynamics: Insights from P-wave teleseismic tomography along the northern part of the North-South Tectonic Zone in China. <i>Comptes Rendus - Geoscience</i> , 2017, 349, 96-105.	1.2	3
25	Metallogeny linked to mantle dynamics in the Sanjiang Tethys region as inferred from P-wave teleseismic tomographic study. <i>Ore Geology Reviews</i> , 2017, 90, 1032-1041.	2.7	2
26	The Structure of the Upper Mantle Transition Zone Beneath Northeast China Associated With Mantle Plume Migration. <i>Earth and Space Science</i> , 2021, 8, e2021EA001874.	2.6	2
27	Imprints of subducted Paleo-Tethys oceanic lithosphere on upper mantle discontinuities and the formation of the Emeishan large igneous province. <i>Geophysical Journal International</i> , 0, , .	2.4	2
28	Vestiges of underplating and assembly in the central North China Craton based on S-wave velocities. <i>Scientific Reports</i> , 2021, 11, 21218.	3.3	1
29	Weak and vanishing upper mantle discontinuities generated by large-scale lithospheric delamination in the Longmenshan area, China. <i>Scientific Reports</i> , 2021, 11, 21580.	3.3	1
30	Evidence for crustal magma chamber associated with metallogeny based on P-wave velocities, South China. <i>Geosystems and Geoenvironment</i> , 2022, , 100048.	3.2	1
31	Uplift mechanism of the world's largest continental plateau in Tibet. <i>Acta Geologica Sinica</i> , 2019, 93, 110-110.	1.4	0
32	S-wave Velocity Structure of the Sichuan-Yunnan Region, China: Implications for Extrusion of Tibet Plateau and Seismic Activities. <i>Earth and Space Science</i> , 2021, 8, e2021EA001640.	2.6	0