

Xuzhang Shen

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

486
citations

840585

11
h-index

677027

22
g-index

30
all docs

30
docs citations

30
times ranked

476
citing authors

#	ARTICLE	IF	CITATIONS
1	Seismic evidence for the North China plate underthrusting beneath northeastern Tibet and its implications for plateau growth. <i>Earth and Planetary Science Letters</i> , 2015, 426, 109-117.	1.8	116
2	Lithospheric structure across the northeastern margin of the Tibetan Plateau: Implications for the plateau's lateral growth. <i>Earth and Planetary Science Letters</i> , 2017, 459, 80-92.	1.8	50
3	Seismic structure in the southeastern China using teleseismic receiver functions. <i>Tectonophysics</i> , 2013, 606, 24-35.	0.9	44
4	Mapping the upper mantle discontinuities beneath China with teleseismic receiver functions. <i>Earth, Planets and Space</i> , 2008, 60, 713-719.	0.9	41
5	Is the Asian lithosphere underthrusting beneath northeastern Tibetan Plateau? Insights from seismic receiver functions. <i>Earth and Planetary Science Letters</i> , 2015, 428, 172-180.	1.8	41
6	Anisotropic low-velocity lower crust beneath the northeastern margin of Tibetan Plateau: Evidence for crustal channel flow. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 4223-4236.	1.0	35
7	A ubiquitous low-velocity layer at the base of the mantle transition zone. <i>Geophysical Research Letters</i> , 2014, 41, 836-842.	1.5	32
8	Anisotropic regime across northeastern Tibet and its geodynamic implications. <i>Tectonophysics</i> , 2016, 671, 1-8.	0.9	24
9	The low-velocity layer at the depth of 620 km beneath Northeast China. <i>Science Bulletin</i> , 2009, 54, 3067-3075.	1.7	17
10	Imaging the Mantle Lithosphere below the China cratons using S-to-p converted waves. <i>Tectonophysics</i> , 2019, 754, 73-79.	0.9	16
11	Receiver function structures beneath the deep large faults in the northeastern margin of the Tibetan Plateau. <i>Tectonophysics</i> , 2014, 610, 63-73.	0.9	13
12	Lateral growth of NE Tibetan Plateau restricted by the Asian lithosphere: Results from a dense seismic profile. <i>Gondwana Research</i> , 2020, 87, 238-247.	3.0	12
13	Lithospheric velocity structure of the northeast margin of the Tibetan Plateau: Relevance to continental geodynamics and seismicity. <i>Tectonophysics</i> , 2017, 712-713, 482-493.	0.9	11
14	Seismic Evidence for Fluid-Driven Pore Pressure Increase and Its Links With Induced Seismicity in the Xinfengjiang Reservoir, South China. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	1.4	10
15	Data-oriented constraint on the interpretation of S receiver function and its application to observations of seismic discontinuities in the lithosphere-asthenosphere system. <i>Geophysical Journal International</i> , 2019, 219, 496-513.	1.0	6
16	Contrasting crustal structures crossing the boundary region of the southwest Ordos block and its tectonic implications revealed by dense seismic arrays. <i>Tectonophysics</i> , 2022, 831, 229342.	0.9	5
17	Small-scale heterogeneities below the Lanzhou CTBTO seismic array, from seismic wave field fluctuations. <i>Journal of Seismology</i> , 2010, 14, 481-493.	0.6	3
18	An examination of the presence and topography of the D ₄₁₃ discontinuity under the Russia-Kazakhstan border region using seismic waveform data from a deep earthquake in Spain. <i>Earthquake Science</i> , 2014, 27, 209-215.	0.4	2

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19	Constraining the characters of the upper mantle discontinuities beneath the NE margin of the Tibetan Plateau with a dense broadband seismic array. <i>Science China Earth Sciences</i> , 2020, 63, 425-438.	2.3	2
20	The Crustal Anisotropy of West Ordos Block and Its Geodynamic Implications. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2020GC009553.	1.0	2
21	Dynamic model of the upper mantle beneath the northeastern Tibetan Plateau - constraints from the 410Åkm and 660Åkm discontinuities. <i>Gondwana Research</i> , 2022, 106, 224-236.	3.0	2
22	Locating seismic scatterers at the base of the mantle beneath eastern Tibet with PKIKP precursors. <i>Science Bulletin</i> , 2010, 55, 723-729.	1.7	1
23	Receiver functions of CCDSN and crustal structure of Chinese mainland. <i>Earthquake Science</i> , 2012, 25, 3-16.	0.4	1
24	Reply to "Comment on "Small-scale heterogeneities below the Lanzhou CTBTO seismic array, from seismic wavefield fluctuation" by Li Lei" by Li Lei. <i>Journal of Seismology</i> , 2011, 15, 171-172.	0.6	0
25	Preface to the special issue on recent advances of deep structure, seismic anisotropy and seismotectonics in China. <i>Earthquake Science</i> , 2012, 25, 1-2.	0.4	0
26	Preliminary analysis of teleseismic receiver functions of the Ningxia and its adjacent area. <i>Earthquake Science</i> , 2012, 25, 47-53.	0.4	0
27	Peeling linear inversion of upper mantle velocity structure with receiver functions. <i>Earthquake Science</i> , 2012, 25, 65-74.	0.4	0