Meijian An

List of Publications by Year
in descending order

24 papers	921 citations	623574 14 h-index	677027 22 g-index
24 all docs	24 docs citations	24 times ranked	1007 citing authors

#	Article	IF	Citations
1	Crustal seismogenic structures and deformation styles along the Longmen Shan Fault belt in the eastern Tibetan Plateau inferred from ambient noise tomography. Tectonophysics, 2021, 798, 228689.	0.9	8
2	Asthenospheric Flow Channel From Northeastern Tibet Imaged by Seismic Tomography Between Ordos Block and Yangtze Craton. Geophysical Research Letters, 2021, 48, e2021GL093561.	1.5	11
3	Lithospheric structures of and tectonic implications for the central–east Tibetan plateau inferred from joint tomography of receiver functions and surface waves. Geophysical Journal International, 2020, 223, 1688-1707.	1.0	13
4	Adaptive Regularization of the Reference Model in an Inverse Problem. Pure and Applied Geophysics, 2020, 177, 4943-4956.	0.8	4
5	Tectonic history of the Ordos Block and Qinling Orogen inferred from crustal thickness. Geophysical Journal International, 2017, 210, 303-320.	1.0	20
6	Temperature, lithosphere–asthenosphere boundary, and heat flux beneath the Antarctic Plate inferred from seismic velocities. Journal of Geophysical Research: Solid Earth, 2015, 120, 8720-8742.	1.4	129
7	Antarctic ice velocities from GPS locations logged by seismic stations. Antarctic Science, 2015, 27, 210-222.	0.5	4
8	S–velocity model and inferred Moho topography beneath the Antarctic Plate from Rayleigh waves. Journal of Geophysical Research: Solid Earth, 2015, 120, 359-383.	1.4	139
9	Seismogenic Tectonics and Dynamics of the 2011 Ms5.9 Yingjiang Earthquake in Yunnan, China. Acta Geologica Sinica, 2014, 88, 468-482.	0.8	0
10	A simple method for determining the spatial resolution of a general inverse problem. Geophysical Journal International, 2012, 191, 849-864.	1.0	47
11	Lithosphere structures of northeast Tibetan Plateau and their geodynamic implications. Journal of Geodynamics, 2011, 52, 432-442.	0.7	26
12	Lithospheric thickness, thinning, subduction, and interaction with the asthenosphere beneath China from the joint inversion of seismic S-wave train fits and Rayleigh-wave dispersion curves. Lithos, 2010, 120, 116-130.	0.6	27
13	Deep ruptures around the hypocenter of the 12 May 2008 Wenchuan earthquake deduced from aftershock observations. Tectonophysics, 2010, 491, 96-104.	0.9	18
14	Lithospheric structure of the Chinese mainland determined from joint inversion of regional and teleseismic Rayleigh–wave group velocities. Journal of Geophysical Research, 2010, 115, .	3.3	43
15	Depth and region dependence of b-value for micro-aftershocks of the May 12th, 2008 Wenchuan earthquake and its tectonic implications. Earthquake Science, 2009, 22, 589-594.	0.4	1
16	Destruction of lithosphere within the north China craton inferred from surface wave tomography. Geochemistry, Geophysics, Geosystems, 2009, 10, .	1.0	50
17	Seismogenic Structure around the Epicenter of the May 12, 2008 Wenchuan Earthquake from Micro–seismic Tomography. Acta Geologica Sinica, 2009, 83, 724-732.	0.8	5
18	Three-dimensional thermal structure of the Chinese continental crust and upper mantle. Science in China Series D: Earth Sciences, 2007, 50, 1441-1451.	0.9	45

#	Article	IF	Citations
19	Crustal and upper mantle structure in the intracratonic Paraná Basin, SE Brazil, from surface wave dispersion using genetic algorithms. Journal of South American Earth Sciences, 2006, 21, 173-184.	0.6	35
20	Lithospheric thickness of the Chinese continent. Physics of the Earth and Planetary Interiors, 2006, 159, 257-266.	0.7	210
21	Effect of lateral variation and model parameterization on surface wave dispersion inversion to estimate the average shallow structure in the Paraná Basin. Journal of Seismology, 2005, 9, 449-462.	0.6	9
22	Multi-objective inversion of surface waves and receiver functions by competent genetic algorithm applied to the crustal structure of the Paraná Basin, SE Brazil. Geophysical Research Letters, 2004, 31, n/a-n/a.	1.5	20
23	Seismic studies of the Brasília fold belt at the western border of the São Francisco Craton, Central Brazil, using receiver function, surface-wave dispersion and teleseismic tomography. Tectonophysics, 2004, 388, 173-185.	0.9	55
24	Surface Wave Dispersion Inversion Using Improved Genetic Algorithm. , 2001, , .		2