Chun-Yong Wang

List of Publications by Year
in descending order

46 papers	1,738 citations	516710 16 h-index	276875 41 g-index
46 all docs	46 docs citations	46 times ranked	1110 citing authors

#	Article	IF	Citations
1	Constraining the extent of crustâ€“mantle coupling in central Asia using GPS, geologic, and shear wave splitting data. Earth and Planetary Science Letters, 2005, 238, 248-268.	4.4	226
2	Evidence for mechanically coupled lithosphere in central Asia and resulting implications. Geology, 2008, 36, 363.	4.4	212
3	Crustal structure beneath the eastern margin of the Tibetan Plateau and its tectonic implications. Journal of Geophysical Research, 2007, 112, .	3.3	202
4	Ambient noise Rayleigh wave tomography in western Sichuan and eastern Tibet. Earth and Planetary Science Letters, 2009, 282, 201-211.	4.4	166
5	Three-dimensional velocity structure of crust and upper mantle in southwestern China and its tectonic implications. Journal of Geophysical Research, 2003, 108, .	3.3	154
6	A crustal model of the ultrahigh-pressure Dabie Shan orogenic belt, China, derived from deep seismic refraction profiling. Journal of Geophysical Research, 2000, 105, 10857-10869.	3.3	101
7	Lateral variation of crustal structure in the Ordos block and surrounding regions, North China, and its tectonic implications. Earth and Planetary Science Letters, 2014, 387, 198-211.	4.4	96
8	A study on 3-D velocity structure of crust and upper mantle in Sichuan-Yunan region, China. Acta Seismologica Sinica, 2002, 15, 1-17.	0.2	79
9	Crustal structure in Tengchong Volcano-Geothermal Area, western Yunnan, China. Tectonophysics, 2004, 380, 69-87.	2.2	65
10	Crustal thicknesses and Poisson's ratios in the eastern Tibetan Plateau and their tectonic implications. Journal of Geophysical Research, 2010, 115, .	3.3	63
11	Crustal structure variation along 30Â°N in the eastern Tibetan Plateau and its tectonic implications. Earth and Planetary Science Letters, 2010, 289, 367-376.	4.4	58
12	Crustal structure of the northern margin of the eastern Tien Shan, China, and its tectonic implications for the 1906 M?7.7 Manas earthquake. Earth and Planetary Science Letters, 2004, 223, 187-202.	4.4	52
13	Crustal structure beneath the Songpanâ€”Garze orogenic belt. Acta Seismologica Sinica, 2003, 16, 237-250.	0.2	28
14	Ambient noise Love wave tomography in the eastern margin of the Tibetan plateau. Tectonophysics, 2010, 491, 194-204.	2.2	27
15	Upper mantle anisotropy beneath North China from shear wave splitting measurements. Tectonophysics, 2012, 522-523, 235-242.	2.2	26
16	Image the Zhefangâ€Binchuan and Monglianâ€Malong Wideâ€Angle Seismic Profiles in Yunnan Province. Chinese Journal of Geophysics, 2004, 47, 285-297.	0.2	23
17	Upper mantle anisotropy and crust-mantle deformation pattern beneath the Chinese mainland. Science China Earth Sciences, 2014, 57, 132-143.	5.2	17
18	Source mechanism of small-moderate earthquakes and tectonic stress field in Yunnan Province. Acta Seismologica Sinica, 2004, 17, 509-517.	0.2	16

#	Article	IF	Citations
19	Seismic Anisotropy of Upper Mantle in the Northeastern Margin of the Tibetan Plateau. Chinese Journal of Geophysics, 2008, 51, 298-306.	0.2	16
20	Crustal structure beneath the Xingtai earthquake area in North China and its tectonic implications. Tectonophysics, 1997, 274, 307-319.	2.2	15
21	Tomographic investigation of the upper crustal structure and seismotectonic environments in Yunnan Province. Acta Seismologica Sinica, 2003, 16, 127-139.	0.2	11
22	Shallow seismic structure of Kunlun fault zone in northern Tibetan Plateau, China: implications for the 2001Ms8.1 Kunlun earthquake. Geophysical Journal International, 2009, 177, 978-1000.	2.4	10
23	Deep Structure of the Eastern Himalayan Collision Zone: Evidence for Underthrusting and Delamination in the Postcollisional Stage. Tectonics, 2019, 38, 3614-3628.	2.8	10
24	Characteristic of crustal structure in the shulu fault basin and its vicinity. Acta Seismologica Sinica, 1994, 7, 587-594.	0.2	9
25	Crustal structure in Dabieshan UHP metamorphic belt and its tectonic implication. Acta Seismologica Sinica, 1999, 12, 584-595.	0.2	8
26	Evidence for a crustal root beneath the Paleoproterozoic collision zone in the northern Ordos block, North China. Precambrian Research, 2017, 301, 124-133.	2.7	7
27	S-wave velocity structure inferred from re-ceiver function inversion in Tengchong volcanic area. Acta Seismologica Sinica, 2004, 17, 12-19.	0.2	5
28	The Crust Effects on the Analysis of the Upper Mantle Anisotropy. Chinese Journal of Geophysics, 2004, 47, 499-508.	0.2	5
29	Analysis of the Trapped Wave Recorded in Kunlun Fault Zone. Chinese Journal of Geophysics, 2006, 49, 688-697.	0.2	5
30	SKS splitting beneath Capital area of China. Acta Seismologica Sinica, 2008, 21, 553-561.	0.2	5
31	Crustal structure in northern margin of Tianshan mountains and seismotectonics of the 1906 manas earthquake. Acta Seismologica Sinica, 2001, 14, 491-502.	0.2	4
32	Interpretation of S-wave data from Taiâ€™an-Xinzhou DSS profile and its relationship with Xingtai earthquakes. Acta Seismologica Sinica, 1997, 10, 15-25.	0.2	2
33	Numerical simulation of Dabie orogenic beltâ€™s tectonic evolution. Acta Seismologica Sinica, 1999, 12, 525-533.	0.2	2
34	Gravity changes and surface deformations due to faults with different geometry. Acta Seismologica Sinica, 1999, 12, 690-698.	0.2	2
35	Experiment Observation of Torsion Wave Splitting in Anisotropic Medium. Chinese Journal of Geophysics, 2006, 49, 1595-1602.	0.2	2
36	Finite Difference Numerical Simulation of Trapped Waves in the Kunlun Fault Zone. Chinese Journal of Geophysics, 2007, 50, 675-685.	0.2	2

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37	Ascertaining the Structure Parameters of the Kunlun Fault Zone Using the Grid Searching Method Based on Trapped Wave Correlation. Chinese Journal of Geophysics, 2010, 53, 414-419.	0.2	2
38	Ray equation migration of wide-angle reflections in Dabie orogenic zone. Acta Seismologica Sinica, 1998, 11, 197-206.	0.2	1
39	Dynamic features of the Tianshan orogen deduced from satellitic gravity data. Acta Seismologica Sinica, 2000, 13, 516-524.	0.2	1
40	A study on deep structure using teleseismic receiver function in Western Yunnan. Acta Seismologica Sinica, 2004, 17, 262-271.	0.2	1
41	Lg coda Q 0 value and its relation with the tectonics in chinese mainland and adjacent regions. Acta Seismologica Sinica, 2006, 19, 136-144.	0.2	1
42	Shallow velocity structure and hidden faults of Kunming city region. Acta Seismologica Sinica, 2008, 21, 502-508.	0.2	1
43	Database system for deep seismic sounding. Acta Seismologica Sinica, 1994, 7, 117-125.	0.2	0
44	Study on the characteristics of crust-mantle transition zone in Western Yunnan province. Acta Seismologica Sinica, 1996, 9, 573-581.	0.2	0
45	Gravity effect calculation of three-dimensional linear density distribution and its application. Acta Seismologica Sinica, 1999, 12, 327-334.	0.2	0
46	The upper mantle anisotropy in Yunnan area, China. Acta Seismologica Sinica, 2002, 15, 276-284.	0.2	0