Yangfan Deng

List of Publications by Year
in descending order

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44	1,211	361296	377752
papers	citations	20 h-index	34 g-index

53	53	53	947
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Synthesis of Geophysical Data in Southeastern North China Craton: Implications for the Formation of the Arcuate Xuhuai Thrust Belt. Journal of Earth Science (Wuhan, China), 2022, 33, 552-566.	1.1	3
2	Constrained Gravity Inversion With Adaptive Inversion Grid Refinement in Spherical Coordinates and Its Application to Mantle Structure Beneath Tibetan Plateau. Journal of Geophysical Research: Solid Earth, 2022, 127, .	1.4	7
3	Magnetotelluric signatures of Neoproterozoic subduction, and subsequent lithospheric reactivation and thinning beneath central South China. Tectonophysics, 2022, 833, 229365.	0.9	6
4	Crustal structure along the Wanzaiâ€“Yongchun profile in the Cathaysia Block, Southeast China, constrained by a joint active- and passive-source seismic experiment. Geophysical Journal International, 2022, 231, 384-393.	1.0	3
5	An array based seismic image on the Dahutang deposit, South China: Insight into the mineralization. Physics of the Earth and Planetary Interiors, 2021, 310, 106617.	0.7	7
6	New Insights Into the Heterogeneity of the Lithosphereâ€Asthenosphere System Beneath South China From Teleseismic Bodyâ€Wave Attenuation. Geophysical Research Letters, 2021, 48, e2020GL091654.	1.5	21
7	Crustal velocity structure of Cathaysia Block from an active-source seismic profile between Wanzai and Hui'an in SE China. Tectonophysics, 2021, 811, 228874.	0.9	15
8	Possible triggering relationship of six Mw > 6 earthquakes in 2018â€“2019 at Philippine archipelago. Acta Oceanologica Sinica, 2021, 40, 142-158.	0.4	1
9	Formation mechanism of the Northâ€“South Gravity Lineament in eastern China. Tectonophysics, 2021, 818, 229074.	0.9	12
10	Systematic Search for Repeating Earthquakes Along the Haiyuan Fault System in Northeastern Tibet. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB019583.	1.4	13
11	The Indoâ€“Eurasia convergent margin and earthquakes in and around Tibetan Plateau. Journal of Mineralogical and Petrological Sciences, 2020, 115, 118-137.	0.4	4
12	Reply to comment by Qi and Wang on â€œSimilar crust beneath disrupted and intact cratons: Arguments against lower-crust delamination as a decratonization triggerâ€. Tectonophysics, 2019, 767, 128156.	0.9	0
13	Seismic imaging of lithospheric structure and upper mantle deformation beneath eastâ€central China and their tectonic implications. Acta Geologica Sinica, 2019, 93, 220-220.	0.8	0
14	Lithospheric structure in the Cathaysia block (South China) and its implication for the Late Mesozoic magmatism. Physics of the Earth and Planetary Interiors, 2019, 291, 24-34.	0.7	47
15	Sharpness of the 410-km discontinuity from the P410s and P2p410s seismic phases. Geophysical Journal International, 2019, , .	1.0	1
16	Similar crust beneath disrupted and intact cratons: Arguments against lower-crust delamination as a decratonization trigger. Tectonophysics, 2019, 750, 1-8.	0.9	14
17	The lithospheric-scale deformation in NE Tibet from joint inversion of receiver function and surface wave dispersion. Terrestrial, Atmospheric and Oceanic Sciences, 2019, 30, 127-137.	0.3	6
18	Seismic Imaging of Lithosphere Structure and Upper Mantle Deformation Beneath Eastâ€Central China and Their Tectonic Implications. Journal of Geophysical Research: Solid Earth, 2018, 123, 2856-2870.	1.4	57

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19	Joint Inversion for Lithospheric Structures: Implications for the Growth and Deformation in Northeastern Tibetan Plateau. Geophysical Research Letters, 2018, 45, 3951-3958.	1.5	35
20	Permian plume beneath Tarim from receiver functions. Solid Earth, 2018, 9, 1179-1185.	1.2	0
21	Lithospheric Alteration, Intraplate Crustal Deformation, and Topography in Eastern China. Tectonics, 2018, 37, 4120-4134.	1.3	21
22	Lateral variation in seismic velocities and rheology beneath the Qinling-Dabie orogen. Science China Earth Sciences, 2017, 60, 576-588.	2.3	8
23	Lithospheric density structure beneath the Tarim basin and surroundings, northwestern China, from the joint inversion of gravity and topography. Earth and Planetary Science Letters, 2017, 460, 244-254.	1.8	44
24	Joint Inversion of Surface Wave Dispersions and Receiver Functions with P Velocity Constraints: Application to Southeastern Tibet. Journal of Geophysical Research: Solid Earth, 2017, 122, 7291-7310.	1.4	34
25	Lithospheric strength variations in Mainland China: Tectonic implications. Tectonics, 2016, 35, 2313-2333.	1.3	49
26	Magmatic underplating beneath the Emeishan large igneous province (South China) revealed by the COMGRA-ELIP experiment. Tectonophysics, 2016, 672-673, 16-23.	0.9	35
27	Crustal layering in northeastern Tibet: a case study based on joint inversion of receiver functions and surface wave dispersion. Geophysical Journal International, 2015, 203, 692-706.	1.0	33
28	Magmatic underplating and crustal growth in the Emeishan Large Igneous Province, SW China, revealed by a passive seismic experiment. Earth and Planetary Science Letters, 2015, 432, 103-114.	1.8	78
29	Crustal structure across the Kunlun fault from passive source seismic profiling in East Tibet. Tectonophysics, 2014, 627, 98-107.	0.9	36
30	Moho depth, seismicity and seismogenic structure in China mainland. Tectonophysics, 2014, 627, 108-121.	0.9	37
31	3-D density structure under South China constrained by seismic velocity and gravity data. Tectonophysics, 2014, 627, 159-170.	0.9	65
32	Mantle origin of the Emeishan large igneous province (South China) from the analysis of residual gravity anomalies. Lithos, 2014, 204, 4-13.	0.6	38
33	Geophysical transect across the North China Craton: A perspective on the interaction between Tibetan eastward escape and Pacific westward flow. Gondwana Research, 2014, 26, 311-322.	3.0	14
34	Transition from continental collision to tectonic escape? A geophysical perspective on lateral expansion of the northern Tibetan Plateau. Earth, Planets and Space, 2014, 66, .	0.9	8
35	The gravity and isostatic Moho in North China Craton and their implications to seismicity. Earthquake Science, 2014, 27, 197-207.	0.4	12
36	Multitaper spectral method to estimate the elastic thickness ofÂSouthÂChina: Implications for intracontinental deformation. Geoscience Frontiers, 2014, 5, 193-203.	4.3	28

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37	Geophysical constraints on the link between cratonization and orogeny: Evidence from the Tibetan Plateau and the North China Craton. Earth-Science Reviews, 2014, 130, 1-48.	4.0	40
38	Investigation of the Moho discontinuity beneath the Chinese mainland using deep seismic sounding profiles. Tectonophysics, 2013, 609, 202-216.	0.9	89
39	Geophysical evidence on segmentation of the Tancheng-Lujiang fault and its implications on the lithosphere evolution in East China. Journal of Asian Earth Sciences, 2013, 78, 263-276.	1.0	44
40	Seismic structure and rheology of the crust under mainland China. Gondwana Research, 2013, 23, 1455-1483.	3.0	63
41	Geophysical constraints on mesozoic disruption of North China Craton by underplatingâ€triggered lowerâ€crust flow of the Archaean lithosphere. Terra Nova, 2013, 25, 245-251.	0.9	6
42	Lateral variation of the strength of lithosphere across the eastern North China Craton: New constraints on lithospheric disruption. Gondwana Research, 2012, 22, 1047-1059.	3.0	36
43	An overview of the crustal structure of the Tibetan plateau after 35 years of deep seismic soundings. Journal of Asian Earth Sciences, 2011, 40, 977-989.	1.0	122
44	Crustal composition model across the Bangongâ€“Nujiang suture belt derived from INDEPTH III velocity data. Journal of Geophysics and Engineering, 2011, 8, 549-559.	0.7	13