

Yingjie Yang

List of Publications by Year in descending order

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97
papers

6,768
citations

81900

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62596

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99
docs citations

99
times ranked

3184
citing authors

#	ARTICLE	IF	CITATIONS
1	Full-Waveform Inversion of High-Frequency Teleseismic Body Waves Based on Multiple Plane-Wave Incidence: Methods and Practical Applications. <i>Bulletin of the Seismological Society of America</i> , 2022, 112, 118-132.	2.3	6
2	Lithosphere–asthenosphere interactions beneath northeast China and the origin of its intraplate volcanism. <i>Geology</i> , 2022, 50, 210-215.	4.4	19
3	Constructing shear velocity models from surface wave dispersion curves using deep learning. <i>Journal of Applied Geophysics</i> , 2022, 196, 104524.	2.1	10
4	Metallogenic potential of the Wulong goldfield, Liaodong Peninsula, China revealed by high-resolution ambient noise tomography. <i>Ore Geology Reviews</i> , 2022, 142, 104704.	2.7	4
5	Full Waveform Ambient Noise Tomography for the Northern Mississippi Embayment. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	3.4	2
6	Thermochemical structure and evolution of cratonic lithosphere in central and southern Africa. <i>Nature Geoscience</i> , 2022, 15, 405-410.	12.9	12
7	Eastward Asthenospheric Flow From NE Tibet Inferred by Joint Inversion of Teleseismic Body and Surface Waves: Insight Into Widespread Continental Deformation in Eastern China. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	3.4	3
8	3D Sedimentary Structures Beneath Southeastern Australia Constrained by Passive Seismic Array Data. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB019998.	3.4	6
9	Crustal Radial Anisotropy of the Iran Plateau Inferred From Ambient Noise Tomography. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020236.	3.4	10
10	Extracting surface wave dispersion curves from asynchronous seismic stations: method and application. <i>Geophysical Journal International</i> , 2021, 226, 1148-1158.	2.4	3
11	Thermochemical State of the Upper Mantle Beneath South China From Multi-Observable Probabilistic Inversion. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB021114.	3.4	12
12	High-resolution lithospheric structures of the Qinling-Dabie orogenic belt: Implications for deep subduction and delamination of continental lithosphere. <i>Tectonophysics</i> , 2021, 806, 228799.	2.2	12
13	Adjoint Tomography of Ambient Noise Data and Teleseismic P Waves: Methodology and Applications to Central California. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB021648.	3.4	10
14	New Insights Into Potassic Intraplate Volcanism in Northeast China From Joint Tomography of Ambient Noise and Teleseismic Surface Waves. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB021856.	3.4	6
15	Seismic imaging of the Caosiyao giant porphyry molybdenum deposit using ambient noise tomography. <i>Geophysics</i> , 2021, 86, B401-B412.	2.6	9
16	Retrieving PmP Travel Times From a Persistent Localized Microseismic Source. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094827.	4.0	2
17	Seismic Imaging of a Magma Chamber and Melt Recharge of the Dormant Datong Volcanoes. <i>Earth and Space Science</i> , 2021, 8, e2021EA001931.	2.6	5
18	Three-Dimensional Crustal Structures of the Shanxi Rift Constructed by Rayleigh Wave Dispersion Curves and Ellipticity: Implication for Sedimentation, Intraplate Volcanism, and Seismicity. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB020146.	3.4	8

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19	Improving cross-correlations of ambient noise using an rms-ratio selection stacking method. <i>Geophysical Journal International</i> , 2020, 222, 989-1002.	2.4	23
20	The deep thermochemical structure of the Dabie orogenic belt from multi-observable probabilistic inversion. <i>Tectonophysics</i> , 2020, 787, 228478.	2.2	8
21	Crustal Deformation in Southern California Constrained by Radial Anisotropy From Ambient Noise Adjoint Tomography. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088580.	4.0	24
22	Evaluating Uncertainties of Phase Velocity Measurements from Cross-Correlations of Ambient Seismic Noise. <i>Seismological Research Letters</i> , 2020, 91, 1717-1729.	1.9	15
23	Broadband Finite Frequency Ambient Noise Tomography: A Case Study in the Western United States Using USArray Stations. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB019314.	3.4	10
24	The uppermost mantle seismic velocity structure of West Antarctica from Rayleigh wave tomography: Insights into tectonic structure and geothermal heat flow. <i>Earth and Planetary Science Letters</i> , 2019, 522, 219-233.	4.4	18
25	The Deep Lithospheric Structure of the Junggar Terrane, NW China: Implications for Its Origin and Tectonic Evolution. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 11615-11638.	3.4	18
26	Mapping Crustal Shear Wave Velocity Structure and Radial Anisotropy Beneath West Antarctica Using Seismic Ambient Noise. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 5014-5037.	2.5	10
27	Joint Inversion of Rayleigh Wave Phase Velocity, Particle Motion, and Teleseismic Body Wave Data for Sedimentary Structures. <i>Geophysical Research Letters</i> , 2019, 46, 6469-6478.	4.0	11
28	Three-dimensional Sensitivity Kernels for Multicomponent Empirical Green's Functions From Ambient Noise: Methodology and Application to Adjoint Tomography. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 5794-5810.	3.4	17
29	The Origin and Mantle Dynamics of Quaternary Intraplate Volcanism in Northeast China From Joint Inversion of Surface Wave and Body Wave. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 2410-2425.	3.4	50
30	An investigation of time-frequency domain phase-weighted stacking and its application to phase-velocity extraction from ambient noise's empirical Green's functions. <i>Geophysical Journal International</i> , 2018, 212, 1143-1156.	2.4	25
31	Joint Inversion of Active Sources and Ambient Noise for Near-Surface Structures: A Case Study in the Balikun Basin, China. <i>Seismological Research Letters</i> , 2018, , .	1.9	5
32	Physical State and Structure of the Crust Beneath the Western-Central United States From Multiobservable Probabilistic Inversion. <i>Tectonics</i> , 2018, 37, 3117-3147.	2.8	13
33	Seismological Evidence for a Remnant Oceanic Slab in the Western Junggar, Northwest China. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 4157-4170.	3.4	26
34	Refined crustal and uppermost mantle structure of southern California by ambient noise adjoint tomography. <i>Geophysical Journal International</i> , 2018, 215, 844-863.	2.4	28
35	Lithospheric Structure of the Northern Ordos From Ambient Noise and Teleseismic Surface Wave Tomography. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 6940-6957.	3.4	27
36	3-D Upper-Mantle Shear Velocity Model Beneath the Contiguous United States Based on Broadband Surface Wave from Ambient Seismic Noise. <i>Pure and Applied Geophysics</i> , 2018, 175, 3403-3418.	1.9	11

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37	Crustal structure of the Newer Volcanics Province, SE Australia, from ambient noise tomography. <i>Tectonophysics</i> , 2016, 683, 382-392.	2.2	13
38	The crustal structure of the Arizona Transition Zone and southern Colorado Plateau from multiobservable probabilistic inversion. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 4308-4332.	2.5	16
39	Crustal structure in the junction of Qinling Orogen, Yangtze Craton and Tibetan Plateau: implications for the formation of the Dabashan Orocline and the growth of Tibetan Plateau. <i>Geophysical Journal International</i> , 2016, 205, 1670-1681.	2.4	22
40	On the accuracy of long-period Rayleigh waves extracted from ambient noise. <i>Geophysical Journal International</i> , 2016, 206, 48-55.	2.4	8
41	Crustal radial anisotropy in Northeast China and its implications for the regional tectonic extension. <i>Geophysical Journal International</i> , 2016, 207, 197-208.	2.4	21
42	3D multiobservable probabilistic inversion for the compositional and thermal structure of the lithosphere and upper mantle: III. Thermochemical tomography in the Western Central U.S.. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 7337-7370.	3.4	67
43	Measurement of Rayleigh wave ellipticity and its application to the joint inversion of high-resolution <i>S</i> wave velocity structure beneath northeast China. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 864-880.	3.4	38
44	Thermochemical structure of the North China Craton from multi-observable probabilistic inversion: Extent and causes of cratonic lithosphere modification. <i>Gondwana Research</i> , 2016, 37, 252-265.	6.0	54
45	How did the Dabie Orogen collapse? Insights from 3D magnetotelluric imaging of profile data. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 5169-5185.	3.4	28
46	Correction of phase velocity bias caused by strong directional noise sources in high-frequency ambient noise tomography: a case study in Karamay, China. <i>Geophysical Journal International</i> , 2016, 205, 715-727.	2.4	15
47	Effects of shallow density structure on the inversion for crustal shear wave speeds in surface wave tomography. <i>Geophysical Journal International</i> , 2016, 205, 1144-1152.	2.4	8
48	Crust and upper mantle structure beneath southeast Australia from ambient noise and teleseismic tomography. <i>Tectonophysics</i> , 2016, 689, 143-156.	2.2	26
49	Seismic evidence of on-going sublithosphere upper mantle convection for intra-plate volcanism in Northeast China. <i>Earth and Planetary Science Letters</i> , 2016, 433, 31-43.	4.4	107
50	3D imaging of the Earth's lithosphere using noise from ocean waves. <i>ASEG Extended Abstracts</i> , 2016, 2016, 1-5.	0.1	5
51	A Broadband Seismic Network in the Middle-Lower Yangtze Metallogenic Belt, China. <i>Seismological Research Letters</i> , 2015, 86, 941-947.	1.9	0
52	On the limitations of interstation distances in ambient noise tomography. <i>Geophysical Journal International</i> , 2015, 201, 652-661.	2.4	127
53	Unraveling overtone interferences in Love-wave phase velocity measurements by radon transform. <i>Geophysical Journal International</i> , 2015, 203, 327-333.	2.4	14
54	The thermochemical structure of the lithosphere and upper mantle beneath south China: Results from multiobservable probabilistic inversion. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 8417-8441.	3.4	45

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55	Crustal and uppermost mantle velocity structure and its relationship with the formation of ore districts in the Middleâ€“Lower Yangtze River region. <i>Earth and Planetary Science Letters</i> , 2014, 408, 378-389.	4.4	53
56	Application of teleseismic long-period surface waves from ambient noise in regional surface wave tomography: a case study in western USA. <i>Geophysical Journal International</i> , 2014, 198, 1644-1652.	2.4	24
57	Penetration of mid-crustal low velocity zone across the Kunlun Fault in the NE Tibetan Plateau revealed by ambient noise tomography. <i>Earth and Planetary Science Letters</i> , 2014, 406, 81-92.	4.4	75
58	Crustal radial anisotropy across Eastern Tibet and the Western Yangtze Craton. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 4226-4252.	3.4	126
59	Crustal and upper mantle structure and the deep seismogenic environment in the source regions of the Lushan earthquake and the Wenchuan earthquake. <i>Science China Earth Sciences</i> , 2013, 56, 1158-1168.	5.2	40
60	Local modification of the lithosphere beneath the central and western North China Craton: 3-D constraints from Rayleigh wave tomography. <i>Gondwana Research</i> , 2013, 24, 849-864.	6.0	84
61	3â€“D multiâ€“observable probabilistic inversion for the compositional and thermal structure of the lithosphere and upper mantle. II: General methodology and resolution analysis. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 1650-1676.	3.4	78
62	Crustal velocity structure of Central and Eastern Turkey from ambient noise tomography. <i>Geophysical Journal International</i> , 2013, 194, 1941-1954.	2.4	33
63	Crustal radial anisotropy beneath the Dabie orogenic belt from ambient noise tomography. <i>Geophysical Journal International</i> , 2013, 195, 1149-1164.	2.4	49
64	3â€“D multiobservable probabilistic inversion for the compositional and thermal structure of the lithosphere and upper mantle. I: <i>a priori</i> petrological information and geophysical observables. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 2586-2617.	3.4	121
65	Title is missing!. , 2012, 8, 1310.		28
66	Crustal structure beneath the Dabie orogenic belt from ambient noise tomography. <i>Earth and Planetary Science Letters</i> , 2012, 313-314, 12-22.	4.4	73
67	A synoptic view of the distribution and connectivity of the midâ€“crustal low velocity zone beneath Tibet. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	214
68	The structure of the crust and uppermost mantle beneath South China from ambient noise and earthquake tomography. <i>Geophysical Journal International</i> , 2012, 189, 1565-1583.	2.4	166
69	Crustal structure determined from ambient noise tomography near the magmatic centers of the Coso region, southeastern California. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	2.5	40
70	Rayleigh wave tomography of the northeastern margin of the Tibetan Plateau. <i>Earth and Planetary Science Letters</i> , 2011, 304, 103-112.	4.4	62
71	Mantle heterogeneity and off axis volcanism on young Pacific lithosphere. <i>Earth and Planetary Science Letters</i> , 2011, 311, 306-315.	4.4	42
72	Crust and uppermost mantle beneath the North China Craton, northeastern China, and the Sea of Japan from ambient noise tomography. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	134

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73	Epicentral location based on Rayleigh wave Empirical Green's Functions from ambient seismic noise. <i>Geophysical Journal International</i> , 2011, 184, 869-884.	2.4	19
74	Complex and variable crustal and uppermost mantle seismic anisotropy in the western United States. <i>Nature Geoscience</i> , 2011, 4, 55-61.	12.9	151
75	Surface wave tomography on a large-scale seismic array combining ambient noise and teleseismic earthquake data. <i>Earthquake Science</i> , 2011, 24, 55-64.	0.9	22
76	Three dimensional shear wave velocity structure of the crust and upper mantle beneath China from ambient noise surface wave tomography. <i>Earthquake Science</i> , 2010, 23, 449-463.	0.9	54
77	Crustal structure of the northeastern Tibetan plateau, the Ordos block and the Sichuan basin from ambient noise tomography. <i>Earthquake Science</i> , 2010, 23, 465-476.	0.9	39
78	Seismic evidence for widespread western-US deep-crustal deformation caused by extension. <i>Nature</i> , 2010, 464, 885-889.	27.8	178
79	Rayleigh wave phase velocity maps of Tibet and the surrounding regions from ambient seismic noise tomography. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	2.5	105
80	Crustal shear wave velocity structure of the western United States inferred from ambient seismic noise and earthquake data. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	94
81	A 3-D shear velocity model of the crust and uppermost mantle beneath the United States from ambient seismic noise. <i>Geophysical Journal International</i> , 2009, 177, 1177-1196.	2.4	105
82	Crustal and uppermost mantle structure in southern Africa revealed from ambient noise and teleseismic tomography. <i>Geophysical Journal International</i> , 2008, 174, 235-248.	2.4	97
83	Characteristics of ambient seismic noise as a source for surface wave tomography. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	212
84	Teleseismic surface wave tomography in the western U.S. using the Transportable Array component of USArray. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	49
85	Attenuation in the upper mantle beneath Southern California: Physical state of the lithosphere and asthenosphere. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	34
86	Surface wave tomography of China from ambient seismic noise correlation. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	111
87	Structure of the crust and uppermost mantle beneath the western United States revealed by ambient noise and earthquake tomography. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	175
88	Seismic attenuation near the East Pacific Rise and the origin of the low-velocity zone. <i>Earth and Planetary Science Letters</i> , 2007, 258, 260-268.	4.4	85
89	Rayleigh wave tomography beneath intraplate volcanic ridges in the South Pacific. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	64
90	Ambient noise surface wave tomography of the Iberian Peninsula: Implications for shallow seismic structure. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	80

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91	Ambient noise Rayleigh wave tomography across Europe. <i>Geophysical Journal International</i> , 2007, 168, 259-274.	2.4	486
92	Processing seismic ambient noise data to obtain reliable broad-band surface wave dispersion measurements. <i>Geophysical Journal International</i> , 2007, 169, 1239-1260.	2.4	1,705
93	Rayleigh wave phase velocities, small-scale convection, and azimuthal anisotropy beneath southern California. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	133
94	Regional tomographic inversion of the amplitude and phase of Rayleigh waves with 2-D sensitivity kernels. <i>Geophysical Journal International</i> , 2006, 166, 1148-1160.	2.4	174
95	Calibration of an Integrated Robotic Multimodal Range Scanner. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2006, 55, 1148-1159.	4.7	8
96	Coupled seismic slip on adjacent oceanic transform faults. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	16
97	Improving Epicentral and Magnitude Estimation of Earthquakes from T Phases by Considering the Excitation Function. <i>Bulletin of the Seismological Society of America</i> , 2003, 93, 2106-2122.	2.3	36