

# Chongjin Zhao

## List of Publications by Year in descending order

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17  
papers

93  
citations

1684188  
5  
h-index

1372567  
10  
g-index

17  
all docs

17  
docs citations

17  
times ranked

64  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of U-Net for the Recognition of Regional Features in Geophysical Inversion Results. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-7.	6.3	9
2	2D magnetotelluric inversion using hybrid stabilizing functionals: Exponential minimum support and smoothness. Geophysics, 2022, 87, E307-E317.	2.6	1
3	Integrated Geophysical Evidence for the Middle-Lower Crust Melting of the Songpan-Aba Terrain, NE Tibetan Plateau. Frontiers in Earth Science, 2021, 9, .	1.8	1
4	The electrical conductivity structure of the Tarim basin in NW China as revealed by three-dimensional magnetotelluric inversion. Journal of Asian Earth Sciences, 2020, 187, 104093.	2.3	12
5	Three-dimensional magnetic structure and genesis of the oceanic crust of the northern South China Sea. Journal of Asian Earth Sciences, 2020, 204, 104568.	2.3	5
6	Coupling relationship between sedimentary basin and Moho morphology in the South Yellow Sea, East China. Geological Journal, 2020, 55, 6544-6561.	1.3	3
7	3D sharp-boundary inversion of potential-field data with an adjustable exponential stabilizing functional. Geophysics, 2019, 84, J1-J15.	2.6	17
8	Combined inversion of first-arrival travel times and reflection travel times. Geophysical Prospecting, 2019, 67, 1764-1777.	1.9	6
9	Using magnetic analytic signals and curvatures in multi upward-continued heights to invert the boundary depth and structural index. , 2019, , .		0
10	Linear correlation constrained joint inversion of seismic and gravity data using squared cosine similarity. , 2019, , .		0
11	2D magnetotelluric sharp boundary inversion using an exponential stabilizing functional. , 2019, , .		2
12	3D focusing inversion and application of magnetic gradient tensor data. , 2019, , .		0
13	Linear correlation constrained joint inversion using squared cosine similarity of regional residual model vectors. Geophysical Journal International, 2018, 215, 1291-1307.	2.4	14
14	Two-dimensional joint inversion of seismic and gravity data with cosine similarity structural constraint. , 2016, , .		0
15	A new stabilizing functional to enhance the sharp boundary in potential field regularized inversion. Journal of Applied Geophysics, 2016, 135, 356-366.	2.1	22
16	MT regularized inversion based on the minimum support gradient stabilizing functional. , 2013, , .		1
17	Calculation of normalized source strength using second derivatives of vertical integral of total-field magnetic anomaly. Geophysics, 0, , 1-26.	2.6	0