Henglei Zhang

List of Publications by Year
in descending order

16 papers	168 citations	1478505 6 h-index	1199594 12 g-index
16 all docs	16 docs citations	16 times ranked	158 citing authors

#	Article	IF	Citations
1	Crustal Composition and Moho Variations of the Central and Eastern United States: Improving Resolution and Geologic Interpretation of EarthScope USArray Seismic Images Using Gravity. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB018537.	3.4	7
2	Susceptibility and remanent magnetization inversion of magnetic data with a priori information of the Königsberger ratio. Geophysical Journal International, 2020, 221, 1090-1109.	2.4	11
3	Depth Corrected Edge Detection of Magnetic Data. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 9626-9632.	6.3	3
4	An improved Tilt-Euler deconvolution and its application on a Fe-polymetallic deposit. Ore Geology Reviews, 2019, 114, 103114.	2.7	9
5	Numerical unmixing of weakly and strongly magnetic minerals: examples with synthetic mixtures of magnetite and hematite. Geophysical Journal International, 2019, 217, 280-287.	2.4	14
6	Improved total magnetization direction determination by correlation of the normalized source strength derivative and the reduced-to-pole fields. Geophysics, 2018, 83, J75-J85.	2.6	20
7	3D inversion of potential field data using a marginalizing probabilistic method. Geophysics, 2018, 83, G93-G106.	2.6	12
8	Depth Estimation for Magnetic/Gravity Anomaly Using Model Correction. Pure and Applied Geophysics, 2017, 174, 1729-1742.	1.9	4
9	3D Magnetization Vector Inversion of Magnetic Data: Improving and Comparing Methods. Pure and Applied Geophysics, 2017, 174, 4421-4444.	1.9	41
10	Improved processing of magnetic anomalies and its application to mineral exploration. , 2015, , .		1
11	An improved and stable downward continuation of potential field data: The truncated Taylor series iterative downward continuation method. Geophysics, 2013, 78, J75-J86.	2.6	33
12	A new RTP method via nonlinear thresholding at low latitudes. , 2013, , .		1
13	A stable downward continuation and its application for mineral exploration. , 2012, , .		0
14	Denoising of seismic data via multi-scale ridgelet transform. Earthquake Science, 2009, 22, 493-498.	0.9	6
15	The ridgelet transform with non-linear threshold for seismic noise attenuation in marine carbonates. Applied Geophysics, 2007, 4, 271-275.	0.6	5
16	Ratio–Euler deconvolution and its applications. Geophysical Prospecting, 0, , .	1.9	1