

Henglei Zhang

List of Publications by Year in descending order

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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	3D Magnetization Vector Inversion of Magnetic Data: Improving and Comparing Methods. Pure and Applied Geophysics, 2017, 174, 4421-4444.	1.9	41
2	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
3	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
4	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
5	3D inversion of potential field data using a marginalizing probabilistic method. Geophysics, 2018, 83, C93-C106.	2.6	12
6	Susceptibility and remanent magnetization inversion of magnetic data with a priori information of the Koenigsberger ratio. Geophysical Journal International, 2020, 221, 1090-1109.	2.4	11
7	An improved Tilt-Euler deconvolution and its application on a Fe-polymetallic deposit. Ore Geology Reviews, 2019, 114, 103114.	2.7	9
8	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
9	Denoising of seismic data via multi-scale ridgelet transform. Earthquake Science, 2009, 22, 493-498.	0.9	6
10	The ridgelet transform with non-linear threshold for seismic noise attenuation in marine carbonates. Applied Geophysics, 2007, 4, 271-275.	0.6	5
11	Depth Estimation for Magnetic/Gravity Anomaly Using Model Correction. Pure and Applied Geophysics, 2017, 174, 1729-1742.	1.9	4
12	Depth Corrected Edge Detection of Magnetic Data. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 9626-9632.	6.3	3
13	Improved processing of magnetic anomalies and its application to mineral exploration. , 2015, , .		1
14	A new RTP method via nonlinear thresholding at low latitudes. , 2013, , .		1
15	Ratioâ€Euler deconvolution and its applications. Geophysical Prospecting, 0, , .	1.9	1
16	A stable downward continuation and its application for mineral exploration. , 2012, , .		0