Jie Liu

List of Publications by Year
in descending order

9 papers	**107** citations	1937685 **4** h-index	1720034 **7** g-index
9 all docs	**9** docs citations	**9** times ranked	**115** citing authors

#	ARTICLE	IF	CITATIONS
1	Joint inversion of seismic slopes, traveltimes and gravity anomaly data based on structural similarity. Geophysical Journal International, 2022, 229, 390-407.	2.4	3
2	Polynomial-based density inversion of gravity anomalies for concealed iron-deposit exploration in North China. Geophysics, 2019, 84, B325-B334.	2.6	11
3	A 3D reflection ray-tracing method based on linear traveltime perturbation interpolation. Geophysics, 2019, 84, T181-T191.	2.6	5
4	Gravity inversion based on polynomial density-contrast functions. , 2019, , .		0
5	Accurate estimation of acoustic impedance based on spectral inversion. Geophysical Prospecting, 2018, 66, 169-181.	1.9	3
6	Analytic Expressions for the Gravity Gradient Tensor of 3D Prisms with Depth-Dependent Density. Surveys in Geophysics, 2018, 39, 337-363.	4.6	17
7	Estimation of seismic velocities and gas hydrate concentrations: A case study from the Shenhu area, northern South China Sea. Marine and Petroleum Geology, 2017, 88, 225-234.	3.3	25
8	Integrated gravity and gravity gradient 3D inversion using the non-linear conjugate gradient. Journal of Applied Geophysics, 2016, 126, 52-73.	2.1	37
9	Structure-guided gravity inversion for layered density modeling with an application in the Chezhen Depression, Bohai Bay Basin. Geophysics, 0, , 1-54.	2.6	6