

# Longwei Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6697434/publications.pdf>

Version: 2024-02-01

12  
papers

130  
citations

1478505

6  
h-index

1588992

8  
g-index

12  
all docs

12  
docs citations

12  
times ranked

80  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved Integral Equation Method for Rapid 3-D Forward Modeling of Magnetotelluric. Minerals (Basel, Switzerland), 2022, 12, 504.	2.0	0
2	Investigating the Magnetotelluric Responses in Electrical Anisotropic Media. Remote Sensing, 2022, 14, 2328.	4.0	1
3	Shape-function-based nonuniform Fourier transforms for seismic modeling with irregular grids. Geophysics, 2021, 86, T165-T178.	2.6	1
4	A FORTRAN Program to Model Magnetic Gradient Tensor at High Susceptibility Using Contraction Integral Equation Method. Minerals (Basel, Switzerland), 2021, 11, 1129.	2.0	0
5	Iterative magnetic forward modeling for high susceptibility based on integral equation and Gauss-fast Fourier transform. Geophysics, 2020, 85, J1-J13.	2.6	13
6	Fourier-domain modeling of gravity effects caused by a vertical polyhedral prism, with application to a water reservoir storage process. Geophysics, 2020, 85, G115-G127.	2.6	4
7	Three-dimensional numerical modeling of gravity and magnetic anomaly in a mixed space-wavenumber domain. Geophysics, 2019, 84, G41-G54.	2.6	16
8	Fast and accurate forward modelling of gravity field using prismatic grids. Geophysical Journal International, 2019, 216, 1062-1071.	2.4	24
9	High-accuracy 3D Fourier forward modeling of gravity field based on the Gauss-FFT technique. Journal of Applied Geophysics, 2018, 150, 294-303.	2.1	22
10	Direct solutions of 3-D magnetotelluric fields using edge-based finite element. Journal of Applied Geophysics, 2018, 159, 204-208.	2.1	10
11	Fourier forward modeling of vector and tensor gravity fields due to prismatic bodies with variable density contrast. Geophysics, 2016, 81, G13-G26.	2.6	39
12	A rapid and accurate algorithm for forward modeling of gravity fields with arbitrary density distribution. , 2015, , .		0