

Leonardo Uieda

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/537833/publications.pdf>

Version: 2024-02-01

24
papers

1,811
citations

933447

10
h-index

940533

16
g-index

33
all docs

33
docs citations

33
times ranked

1856
citing authors

#	ARTICLE	IF	CITATIONS
1	The Generic Mapping Tools Version 6. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 5556-5564.	2.5	1,246
2	Tesseroids: Forward-modeling gravitational fields in spherical coordinates. <i>Geophysics</i> , 2016, 81, F41-F48.	2.6	134
3	Fast nonlinear gravity inversion in spherical coordinates with application to the South American Moho. <i>Geophysical Journal International</i> , 2017, 208, 162-176.	2.4	104
4	Robust 3D gravity gradient inversion by planting anomalous densities. <i>Geophysics</i> , 2012, 77, G55-G66.	2.6	70
5	Modeling the Earth with Fatiando a Terra. , 2013, , .		51
6	Estimating the nature and the horizontal and vertical positions of 3D magnetic sources using Euler deconvolution. <i>Geophysics</i> , 2013, 78, J87-J98.	2.6	39
7	Polynomial equivalent layer. <i>Geophysics</i> , 2013, 78, G1-G13.	2.6	36
8	Verde: Processing and gridding spatial data using Green's functions. <i>Journal of Open Source Software</i> , 2018, 3, 957.	4.6	23
9	Efficient Large-scale Forward Modeling and Inversion of Gravitational Fields in Spherical Coordinates With Application to Lunar Mascons. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 4157-4173.	3.4	22
10	Imaging iron ore from the Quadrilátero Ferrífero (Brazil) using geophysical inversion and drill hole data. <i>Ore Geology Reviews</i> , 2014, 61, 268-285.	2.7	14
11	Gravitational field calculation in spherical coordinates using variable densities in depth. <i>Geophysical Journal International</i> , 2019, 218, 2150-2164.	2.4	13
12	Estimation of the total magnetization direction of approximately spherical bodies. <i>Nonlinear Processes in Geophysics</i> , 2015, 22, 215-232.	1.3	11
13	Geophysical tutorial: Euler deconvolution of potential-field data. <i>The Leading Edge</i> , 2014, 33, 448-450.	0.7	10
14	Robust 3D gravity gradient inversion by planting anomalous densities. , 2011, , .		5
15	3D gravity inversion by planting anomalous densities. , 2011, , .		5
16	In-depth imaging of an iron orebody from Quadrilátero Ferrífero using 3D gravity gradient inversion. , 2011, , .		4
17	Pooch: A friend to fetch your data files. <i>Journal of Open Source Software</i> , 2020, 5, 1943.	4.6	4
18	Use of the "shape-of-anomaly" data misfit in 3D inversion by planting anomalous densities. , 2012, , .		3

#	ARTICLE	IF	CITATIONS
19	Iron ore interpretation using gravity-gradient inversions in the Carajás, Brazil. , 2012, , .		3
20	How two gravity-gradient inversion methods can be used to reveal different geologic features of ore deposit " A case study from the Quadrilátero Ferrífero (Brazil). Journal of Applied Geophysics, 2016, 130, 153-168.	2.1	3
21	3D gravity Gradient Inversion by Planting Density Anomalies. , 2011, , .		3
22	Step-by-step NMO correction. The Leading Edge, 2017, 36, 179-180.	0.7	2
23	Gradient-boosted equivalent sources. Geophysical Journal International, 2021, 227, 1768-1783.	2.4	2
24	Inversão de Dados de Aerogravimetria Gravimétrica 3D-FTG aplicada a exploração mineral na Região do Quadrilátero Ferrífero. , 2011, , .		0