

# 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  | Gradient-boosted equivalent sources. <i>Geophysical Journal International</i> , 2021, 227, 1768-1783.  | 2.4 | 2         |
| 2  | Pooch: A friend to fetch your data files. <i>Journal of Open Source Software</i> , 2020, 5, 1943.  | 4.6 | 4         |
| 3  | The Generic Mapping Tools Version 6. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 5556-5564.  | 2.5 | 1,246     |
| 4  | Gravitational field calculation in spherical coordinates using variable densities in depth. <i>Geophysical Journal International</i> , 2019, 218, 2150-2164.   | 2.4 | 13        |
| 5  | Efficient 3D 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        |
| 6  | Verde: Processing and gridding spatial data using Green's functions. <i>Journal of Open Source Software</i> , 2018, 3, 957.  | 4.6 | 23        |
| 7  | Step-by-step NMO correction. <i>The Leading Edge</i> , 2017, 36, 179-180.  | 0.7 | 2         |
| 8  | 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       |
| 9  | How two gravity-gradient inversion methods can be used to reveal different geologic features of ore deposit? A case study from the Quadril tero Ferr fero (Brazil). <i>Journal of Applied Geophysics</i> , 2016, 130, 153-168. | 2.1 | 3         |
| 10 | Tesseroids: Forward-modeling gravitational fields in spherical coordinates. <i>Geophysics</i> , 2016, 81, F41-F48.   | 2.6 | 134       |
| 11 | Estimation of the total magnetization direction of approximately spherical bodies. <i>Nonlinear Processes in Geophysics</i> , 2015, 22, 215-232.   | 1.3 | 11        |
| 12 | Geophysical tutorial: Euler deconvolution of potential-field data. <i>The Leading Edge</i> , 2014, 33, 448-450.  | 0.7 | 10        |
| 13 | Imaging iron ore from the Quadril tero Ferr fero (Brazil) using geophysical inversion and drill hole data. <i>Ore Geology Reviews</i> , 2014, 61, 268-285.   | 2.7 | 14        |
| 14 | Polynomial equivalent layer. <i>Geophysics</i> , 2013, 78, G1-G13.   | 2.6 | 36        |
| 15 | 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        |
| 16 | Modeling the Earth with Fatiando a Terra. , 2013, , .  |     | 51        |
| 17 | Use of the "shape-of-anomaly" data misfit in 3D inversion by planting anomalous densities. , 2012, , .   |     | 3         |
| 18 | Robust 3D gravity gradient inversion by planting anomalous densities. <i>Geophysics</i> , 2012, 77, G55-G66.   | 2.6 | 70        |

| #  | ARTICLE   | IF | CITATIONS |
|----|---|----|-----------|
| 19 | Iron ore interpretation using gravity-gradient inversions in the Carajás, Brazil. , 2012, , .   |    | 3         |
| 20 | Robust 3D gravity gradient inversion by planting anomalous densities. , 2011, , .   |    | 5         |
| 21 | 3D gravity inversion by planting anomalous densities. , 2011, , .   |    | 5         |
| 22 | In-depth imaging of an iron orebody from Quadrilátero Ferrífero using 3D gravity gradient inversion. , 2011, , .                        |    | 4         |
| 23 | 3D gravity Gradient Inversion by Planting Density Anomalies. , 2011, , .  |    | 3         |
| 24 | Inversão de Dados de Aerogravimetria Gravimétrica 3D-FTG aplicada a exploração mineral na Região do Quadrilátero Ferrífero. , 2011, , . |    | 0         |