

Vahid E Ardestani

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

158
citations

1478505

6
h-index

1199594

12
g-index

21
all docs

21
docs citations

21
times ranked

130
citing authors

#	ARTICLE	IF	CITATIONS
1	3-D Projected L1 inversion of gravity data using truncated unbiased predictive risk estimator for regularization parameter estimation. <i>Geophysical Journal International</i> , 2017, 210, 1872-1887.	2.4	28
2	Application of the ℓ_2 principle and unbiased predictive risk estimator for determining the regularization parameter in 3-D focusing gravity inversion. <i>Geophysical Journal International</i> , 2015, 200, 265-277.	2.4	26
3	Automatic estimation of the regularization parameter in 2D focusing gravity inversion: application of the method to the Safo manganese mine in the northwest of Iran. <i>Journal of Geophysics and Engineering</i> , 2014, 11, .	1.4	24
4	Total variation regularization of the 3-D gravity inverse problem using a randomized generalized singular value decomposition. <i>Geophysical Journal International</i> , 2018, 213, 695-705.	2.4	21
5	Application of various methods for 2D inverse modeling of residual gravity anomalies. <i>Acta Geophysica</i> , 2010, 58, 317-336.	2.0	16
6	IGUG: A MATLAB package for 3D inversion of gravity data using graph theory. <i>Computers and Geosciences</i> , 2019, 128, 19-29.	4.2	11
7	Detecting, delineating and modeling the connected solution cavities in a dam site via microgravity data. <i>Acta Geodaetica Et Geophysica</i> , 2013, 48, 123-138.	1.6	5
8	Gravity and Magnetic Processing and Inversion Over the Mahallat Geothermal System Using Open Source Resources in Python. <i>Pure and Applied Geophysics</i> , 2021, 178, 2171-2190.	1.9	5
9	Ellipsoidal Stokes Boundary-Value Problem with Ellipsoidal Corrections in the Boundary Condition. <i>Studia Geophysica Et Geodaetica</i> , 2001, 45, 109-126.	0.5	4
10	Modelling the karst zones in a dam site through micro-gravity data. <i>Exploration Geophysics</i> , 2008, 39, 204-209.	1.1	4
11	Moho depth determination beneath the Zagos Mountains from 3D inversion of gravity data. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	1.3	4
12	A Localized Gravity Modeling of the Upper Crust Beneath Central Zagros. <i>Pure and Applied Geophysics</i> , 2022, 179, 2365-2381.	1.9	3
13	The study of crustal structures in the southwestern part of the Baltic Sea by modeling of gravity data. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	2
14	Title is missing!. <i>Studia Geophysica Et Geodaetica</i> , 2003, 47, 73-82.	0.5	1
15	Delineating and modelling an underground water conduit by scattered micro-gravity data and electrical resistivity sounding. <i>Exploration Geophysics</i> , 2010, 41, 210-218.	1.1	1
16	Fault depth estimation using support vector classifier and features selection. <i>Applied Geophysics</i> , 2013, 10, 88-96.	0.6	1
17	Application of Hyperbolic S-transform in Environmental Gravity Investigation. <i>Journal of Environmental and Engineering Geophysics</i> , 2016, 21, 47-56.	0.5	1
18	Determination of elastic thickness of the lithosphere using gravity and topography data: a case study for the Golpayegan, Arak, and the Qom Blocks. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	1

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19	Far-Zone Contribution in Ellipsoidal Stokes Boundary-Value Problem. <i>Studia Geophysica Et Geodaetica</i> , 2003, 47, 719-723.	0.5	0
20	Estimating the Shapes of Gravity Sources through Optimized Support Vector Classifier (SVC). <i>Acta Geophysica</i> , 2015, 63, 1000-1024.	2.0	0