

Piyoosh Jaysaval

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

149
citations

1684188

5
h-index

1720034

7
g-index

17
all docs

17
docs citations

17
times ranked

129
citing authors

#	ARTICLE	IF	CITATIONS
1	Fully anisotropic 3-D EM modelling on a Lebedev grid with a multigrid pre-conditioner. Geophysical Journal International, 2016, 207, 1554-1572.	2.4	47
2	Fast multimodel finite-difference controlled-source electromagnetic simulations based on a Schur complement approach. Geophysics, 2014, 79, E315-E327.	2.6	37
3	Large-scale 3-D EM modelling with a Block Low-Rank multifrontal direct solver. Geophysical Journal International, 2017, 209, 1558-1571.	2.4	25
4	Efficient 3-D controlled-source electromagnetic modelling using an exponential finite-difference method. Geophysical Journal International, 2015, 203, 1541-1574.	2.4	13
5	Multifrequency electromagnetic geophysical tools for evaluating the hydrologic conditions and performance of evapotranspiration barriers. Journal of Environmental Management, 2022, 303, 114123.	7.8	6
6	Two-step velocity inversion using trans-dimensional tomography and elastic FWI. , 2020, , .		4
7	Fast 2.5D controlled-source electromagnetic inversion using a Schur complement based frequency-domain finite-difference modeling. , 2017, , .		3
8	Stratigraphic identification with airborne electromagnetic methods at the Hanford Site, Washington. Journal of Applied Geophysics, 2021, 192, 104398.	2.1	3
9	Fast 2D full-waveform modeling and inversion using the Schur complement approach. Geophysics, 2019, 84, R783-R792.	2.6	2
10	A Schur complement based fast 2D finite-difference multimodel modeling of acoustic wavefield in the frequency domain. , 2017, , .		2
11	Fast Full Waveform Inversion using a Schur-complement based frequency-domain finite-difference modeling. , 2017, , .		2
12	2.5D controlled-source electromagnetic inversion using very fast simulated annealing algorithm. , 2019, , .		1
13	Fast finite-difference simulations of DC borehole measurements using a Schur complement approach. , 2018, , .		0
14	Fast frequency-domain 2D elastic-wave modeling using a Schur complement-based finite-difference method. , 2018, , .		0