

# M Israil

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

491  
citations

840776

11  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

526  
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging of groundwater contamination using 3D joint inversion of electrical resistivity tomography and radio magnetotelluric data: A case study from Northern India. <i>Near Surface Geophysics</i> , 2020, 18, 261-274.	1.2	6
2	A MATLAB based 3D modeling and inversion code for MT data. <i>Computers and Geosciences</i> , 2017, 104, 1-11.	4.2	21
3	Subsurface soil characterization using geoelectrical and geotechnical investigations at a bridge site in Uttarakhand Himalayan region. <i>Journal of Applied Geophysics</i> , 2017, 144, 78-85.	2.1	19
4	Crustal electrical conductivity of the Indian continental subduction zone: New data from the profile in the Garhwal Himalaya. <i>Izvestiya, Physics of the Solid Earth</i> , 2016, 52, 271-290.	0.9	1
5	Geoelectric structure estimated from magnetotelluric data from the Uttarakhand Himalaya, India. <i>Journal of Earth System Science</i> , 2014, 123, 1907-1918.	1.3	11
6	Characterization of an aquifer in Roorkee, India using the spatially constrained inversion of inâ€loop TEM data. <i>Near Surface Geophysics</i> , 2013, 11, 85-94.	1.2	9
7	Groundwater contamination in the Roorkee area, India: 2D joint inversion of radiomagnetotelluric and direct current resistivity data. <i>Journal of Applied Geophysics</i> , 2012, 76, 127-135.	2.1	20
8	Geoelectrical mapping of aquifer contamination: a case study from Roorkee, India. <i>Near Surface Geophysics</i> , 2010, 8, 33-42.	1.2	11
9	A hydrogeophysical model of the relationship between geoelectric and hydraulic parameters of anisotropic aquifers. <i>Hydrogeology Journal</i> , 2009, 17, 495-503.	2.1	32
10	Soil characterization using electrical resistivity tomography and geotechnical investigations. <i>Journal of Applied Geophysics</i> , 2009, 67, 74-79.	2.1	158
11	Magnetotelluric investigations for imaging electrical structure of Garhwal Himalayan corridor, Uttarakhand, India. <i>Journal of Earth System Science</i> , 2008, 117, 189-200.	1.3	48
12	Signature of seismic activities in the F2 region ionospheric electron temperature. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2006, 68, 691-696.	1.6	10
13	Groundwater-recharge estimation using a surface electrical resistivity method in the Himalayan foothill region, India. <i>Hydrogeology Journal</i> , 2006, 14, 44-50.	2.1	28
14	Application of a resistivity survey and geographical information system (GIS) analysis for hydrogeological zoning of a piedmont area, Himalayan foothill region, India. <i>Hydrogeology Journal</i> , 2006, 14, 753-759.	2.1	73
15	Variation of electron and ion temperatures ratio over the Indian region during the period 1995â€1999 as measured by SROSS-C2 satellite. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2005, 67, 1443-1447.	1.6	2
16	Enhancement in electron and ion temperatures due to solar flares as measured by SROSS-C2 satellite. <i>Annales Geophysicae</i> , 2004, 22, 2047-2052.	1.6	14
17	Computational efficiency of the matrix method in the inversion of resistivity sounding data. , 1998, , 507-516.		0
18	MATRIX METHOD FOR THE TRANSFORMATION OF RESISTIVITY SOUNDING DATA OF ONE ELECTRODE CONFIGURATION TO THAT OF ANOTHER CONFIGURATION1. <i>Geophysical Prospecting</i> , 1989, 37, 209-221.	1.9	7

#	ARTICLE	IF	CITATIONS
19	A simple method of interpreting dipole resistivity soundings. <i>Geophysics</i> , 1987, 52, 1412-1417.	2.6	5
20	A SIMPLE METHOD OF INTERPRETATION OF RESISTIVITY SOUNDING DATA USING EXPONENTIAL APPROXIMATION OF THE KERNEL FUNCTION*. <i>Geophysical Prospecting</i> , 1987, 35, 548-567.	1.9	3
21	Computation of apparent resistivities using an exponential approximation of kernel functions. <i>Geophysics</i> , 1986, 51, 1594-1602.	2.6	13