

# Ahmad Ali Behroozmand

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3050308/publications.pdf>

Version: 2024-02-01

16  
papers

685  
citations

933447

10  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

628  
citing authors

#	ARTICLE	IF	CITATIONS
1	An overview of a highly versatile forward and stable inverse algorithm for airborne, ground-based and borehole electromagnetic and electric data. Exploration Geophysics, 2015, 46, 223-235.	1.1	230
2	A Review of the Principles and Applications of the NMR Technique for Near-Surface Characterization. Surveys in Geophysics, 2015, 36, 27-85.	4.6	228
3	Efficient full decay inversion of MRS data with a stretched-exponential approximation of the distribution. Geophysical Journal International, 2012, 190, 900-912.	2.4	45
4	A comprehensive study of parameter determination in a joint MRS and TEM data analysis scheme. Near Surface Geophysics, 2013, 11, 557-567.	1.2	27
5	Joint inversion of aquifer test, MRS, and TEM data. Water Resources Research, 2014, 50, 3956-3975.	4.2	24
6	Increasing the resolution and the signal-to-noise ratio of magnetic resonance sounding data using a central loop configuration. Geophysical Journal International, 2016, 205, 243-256.	2.4	24
7	Processing of surface-nuclear magnetic resonance data from sites with high noise levels. Geophysics, 2016, 81, WB75-WB83.	2.6	24
8	Assessment of Managed Aquifer Recharge Sites Using a New Geophysical Imaging Method. Vadose Zone Journal, 2019, 18, 1-13.	2.2	22
9	Accounting for relaxation during pulse effects for long pulses and fast relaxation times in surface nuclear magnetic resonance. Geophysics, 2017, 82, JM23-JM36.	2.6	20
10	Soil electrical conductivity imaging using a neural network-based forward solver: Applied to large-scale Bayesian electromagnetic inversion. Journal of Applied Geophysics, 2020, 176, 104012.	2.1	16
11	Comparison of stabiliser functions for surface NMR inversions. Near Surface Geophysics, 2017, 15, 533-544.	1.2	10
12	Successful Sampling Strategy Advances Laboratory Studies of NMR Logging in Unconsolidated Aquifers. Geophysical Research Letters, 2017, 44, 11,021.	4.0	7
13	Anthropogenic wetlands due to over-irrigation of desert areas: a challenging hydrogeological investigation with extensive geophysical input from TEM and MRS measurements. Hydrology and Earth System Sciences, 2017, 21, 1527-1545.	4.9	7
14	Sharp SCI: a new practical tool for blocky models reconstruction. ASEG Extended Abstracts, 2015, 2015, 1-4.	0.1	1
15	NMR for Near-surface Investigations (Development and Applications). , 2015, , .		0
16	SENSITIVITY ANALYSIS OF CENTRAL-LOOP SURFACE NMR DATA. , 2015, , .		0