

# Giorgio De Donno

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

337  
citations

759233

12  
h-index

839539

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

353  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of an earth-filled dam through the combined use of electrical resistivity tomography, P- and SH-wave seismic tomography and surface wave data. <i>Journal of Applied Geophysics</i> , 2014, 106, 87-95.	2.1	81
2	Detection and imaging of piping sinkholes by integrated geophysical methods. <i>Near Surface Geophysics</i> , 2014, 12, 439-450.	1.2	37
3	Tomographic inversion of time-domain resistivity and chargeability data for the investigation of landfills using a priori information. <i>Waste Management</i> , 2017, 59, 302-315.	7.4	30
4	Geophysical and geochemical techniques to assess the origin of rising damp of a Roman building (Ostia Antica archaeological site). <i>Microchemical Journal</i> , 2016, 129, 49-57.	4.5	20
5	2D tomographic inversion of complex resistivity data on cylindrical models. <i>Geophysical Prospecting</i> , 2013, 61, 586-601.	1.9	19
6	High-resolution investigation of masonry samples through GPR and electrical resistivity tomography. <i>Construction and Building Materials</i> , 2017, 154, 1234-1249.	7.2	19
7	Surface and borehole geophysics for the rehabilitation of a concrete dam (Penne, Central Italy). <i>Engineering Geology</i> , 2018, 241, 1-10.	6.3	17
8	VEMI: a flexible interface for 3D tomographic inversion of time- and frequency-domain electrical data in EIDORS. <i>Near Surface Geophysics</i> , 2017, 15, 43-58.	1.2	15
9	3D complex resistivity tomography on cylindrical models using EIDORS. <i>Near Surface Geophysics</i> , 2014, 12, 587-598.	1.2	14
10	Multidimensional electrical resistivity survey for bedrock detection at the Rieti Plain (Central Italy). <i>Journal of Applied Geophysics</i> , 2017, 141, 77-87.	2.1	14
11	High-resolution geomatic and geophysical techniques integrated with chemical analyses for the characterization of a Roman wall. <i>Journal of Cultural Heritage</i> , 2016, 17, 141-150.	3.3	13
12	Three-dimensional reconstruction of a masonry building through electrical and seismic tomography validated by biological analyses. <i>Near Surface Geophysics</i> , 2018, 16, 53-65.	1.2	13
13	Pavement testing by integrated geophysical methods: Feasibility, resolution and diagnostic potential. <i>Journal of Applied Geophysics</i> , 2017, 136, 462-473.	2.1	11
14	Advances in electric resistivity tomography: Theory and case studies. , 2019, , 23-57.		8
15	Time-lapse monitoring of an electrokinetic soil remediation process through frequency-domain electrical measurements. <i>Journal of Applied Geophysics</i> , 2020, 175, 103980.	2.1	7
16	Characterization of a Pre-Roman Trajan Wall by Integrated Geophysical Methods. <i>Archaeological Prospection</i> , 2015, 22, 221-232.	2.2	6
17	Dynamic characterization of the hill of Civita di Bagnoregio (Viterbo, Central Italy) for seismic response analysis. <i>Engineering Geology</i> , 2020, 266, 105463.	6.3	6
18	Investigating the Foundation of the Amphiteatrum Flavium through the Passage of Commodus. <i>Annals of Geophysics</i> , 2017, 60, .	1.0	4

#	ARTICLE	IF	CITATIONS
19	Geophysical investigations for the identification of active seismic faults below alluvium for seismic hazard assessment. Near Surface Geophysics, 2021, 19, 127-139.	1.2	2
20	Focusing on soil-foundation heterogeneity through high-resolution electrical and seismic tomography. Near Surface Geophysics, 2018, 16, 67-78.	1.2	1
21	Intensity of scattering for the lithotype characterization of an excavated pre-Trajan wall structure. , 2014, , .		0