

Paolo Mauriello

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

518
citations

687363

13
h-index

677142

22
g-index

32
all docs

32
docs citations

32
times ranked

217
citing authors

#	ARTICLE	IF	CITATIONS
1	Resistivity anomaly imaging by probability tomography. <i>Geophysical Prospecting</i> , 1999, 47, 411-429.	1.9	56
2	3D geoelectric tomography and archaeological applications ¹ . <i>Geophysical Prospecting</i> , 1998, 46, 543-570.	1.9	53
3	Looking inside Mount Vesuvius by potential fields integrated probability tomographies. <i>Journal of Volcanology and Geothermal Research</i> , 2002, 113, 363-378.	2.1	53
4	Principles of probability tomography for natural source electromagnetic induction fields. <i>Geophysics</i> , 1999, 64, 1403-1417.	2.6	44
5	Gravity probability tomography: a new tool for buried mass distribution imaging. <i>Geophysical Prospecting</i> , 2001, 49, 1-12.	1.9	42
6	Localization of maximum depth gravity anomaly sources by a distribution of equivalent point masses. <i>Geophysics</i> , 2001, 66, 1431-1437.	2.6	35
7	Application of geoelectrical 3D probability tomography in a test-site of the archaeological park of Pompei (Naples, Italy). <i>Journal of Geophysics and Engineering</i> , 2008, 5, 67-76.	1.4	22
8	LOCALIZATION OF MAGNETIC SOURCES UNDERGROUND BY A PROBABILITY TOMOGRAPHY APPROACH. <i>Progress in Electromagnetics Research M</i> , 2008, 3, 27-56.	0.9	21
9	A DATA-ADAPTIVE PROBABILITY-BASED FAST ERT INVERSION METHOD. <i>Progress in Electromagnetics Research</i> , 2009, 97, 275-290.	4.4	17
10	Three-dimensional resistivity probability tomography at the prehistoric site of grotta reali (Molise, Italy). <i>Geophysics</i> , 2009, 74, 107-117.	2.2	17
11	The Discovery of the Theater of Akragas (Valley of Temples, Agrigento, Italy): An Archaeological Confirmation of the Supposed Buried Structures from a Geophysical Survey. <i>Geosciences (Switzerland)</i> , 2020, 10, 161.	2.2	17
12	RESISTIVITY TENSOR PROBABILITY TOMOGRAPHY. <i>Progress in Electromagnetics Research B</i> , 2008, 8, 129-146.	1.0	16
13	Imaging Buried Archaeological Features through Ground Penetrating Radar: The Case of the Ancient Saepinum (Campobasso, Italy). <i>Geosciences (Switzerland)</i> , 2020, 10, 225.	2.2	14
14	Resistivity Tomography in the Park of Pratolino at Vaglia (Florence, Italy). <i>Archaeological Prospection</i> , 2012, 19, 253-260.	2.2	13
15	The Contribution of Geophysics to the Knowledge of the Hidden Archaeological Heritage of Montenegro. <i>Geosciences (Switzerland)</i> , 2020, 10, 187.	2.2	12
16	Resistivity Probability Tomography Imaging at the Castle of Zena, Italy. <i>Eurasip Journal on Image and Video Processing</i> , 2009, 2009, 1-9.	2.6	11
17	The geophysical contribution to the safeguard of historical sites in active volcanic areas.. <i>Journal of Applied Geophysics</i> , 1999, 41, 241-258.	2.1	10
18	GEOELECTRICAL ANOMALIES IMAGED BY POLAR AND DIPOLAR PROBABILITY TOMOGRAPHY. <i>Progress in Electromagnetics Research</i> , 2008, 87, 63-88.	4.4	10

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19	Non-Destructive Techniques for Building Evaluation in Urban Areas: The Case Study of the Redesigning Project of Eleftheria Square (Nicosia, Cyprus). <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4296.	2.5	8
20	IMAGING MULTIPOLE SELF-POTENTIAL SOURCES BY 3D PROBABILITY TOMOGRAPHY. <i>Progress in Electromagnetics Research B</i> , 2009, 14, 311-339.	1.0	7
21	A geophysical study of the Mount Etna volcanic area. <i>Geophysical Monograph Series</i> , 2004, , 273-291.	0.1	5
22	Imaging quadrupolar geophysical anomaly sources by 3D probability tomography: application to near-surface geoelectrical surveys. <i>Journal of Geophysics and Engineering</i> , 2008, 5, 359-370.	1.4	5
23	A Probability Electrical Resistivity Tomography Imaging of complex tectonic features in the Kissamos and Paleohora urban areas, Western Crete (Greece).. <i>Annals of Geophysics</i> , 2019, 62, .	1.0	4
24	Imaging multipole gravity anomaly sources by 3D probability tomography. <i>Journal of Geophysics and Engineering</i> , 2009, 6, 298-310.	1.4	3
25	Combined Use of 3D Metric Survey and GPR for the Diagnosis of the Trapezophoros with Two Griffins Attacking a Doe of Ascoli Satriano (Foggia, Italy). <i>Geosciences (Switzerland)</i> , 2020, 10, 307.	2.2	3
26	Geophysical Methods for Cultural Heritage. <i>Springer Geophysics</i> , 2018, , 9-66.	0.9	2
27	Ground-Penetrating Radar Survey for the Study of the Church of Saint Cosma in Helerito (Tagliacozzo, L'Aquila, Italy). <i>Geosciences (Switzerland)</i> , 2020, 10, 244.	2.2	2
28	An Extension of the Data-Adaptive Probability-Based Electrical Resistivity Tomography Inversion Method (E-PERTI). <i>Geosciences (Switzerland)</i> , 2020, 10, 380.	2.2	2
29	The Extended Data-Adaptive Probability-Based Electrical Resistivity Tomography Inversion Method (E-PERTI) for the Characterization of the Buried Ditch of the Ancient Egnazia (Puglia, Italy). <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2690.	2.5	2
30	Case Histories: Application of Geophysical Prospection to Cultural Heritage. <i>Springer Geophysics</i> , 2018, , 67-211.	0.9	1
31	GPR and Digital Survey for the Diagnosis and the 3D Representation of the Battle of Issus Mosaic from the House of the Faun, Pompeii (Naples, Italy). <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6965.	2.5	1