

Paolo Mauriello

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	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). Applied Sciences (Switzerland), 2022, 12, 2690.	2.5	2
2	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). Applied Sciences (Switzerland), 2022, 12, 6965.	2.5	1
3	Non-Destructive Techniques for Building Evaluation in Urban Areas: The Case Study of the Redesigning Project of Eleftheria Square (Nicosia, Cyprus). Applied Sciences (Switzerland), 2020, 10, 4296.	2.5	8
4	Ground-Penetrating Radar Survey for the Study of the Church of Saint Cosma in Helerito (Tagliacozzo, L'Aquila, Italy). Geosciences (Switzerland), 2020, 10, 244.	2.2	2
5	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). Geosciences (Switzerland), 2020, 10, 307.	2.2	3
6	An Extension of the Data-Adaptive Probability-Based Electrical Resistivity Tomography Inversion Method (E-PERTI). Geosciences (Switzerland), 2020, 10, 380.	2.2	2
7	The Discovery of the Theater of Akragas (Valley of Temples, Agrigento, Italy): An Archaeological Confirmation of the Supposed Buried Structures from a Geophysical Survey. Geosciences (Switzerland), 2020, 10, 161.	2.2	17
8	The Contribution of Geophysics to the Knowledge of the Hidden Archaeological Heritage of Montenegro. Geosciences (Switzerland), 2020, 10, 187.	2.2	12
9	Imaging Buried Archaeological Features through Ground Penetrating Radar: The Case of the Ancient Saepinum (Campobasso, Italy). Geosciences (Switzerland), 2020, 10, 225.	2.2	14
10	A Probability Electrical Resistivity Tomography Imaging of complex tectonic features in the Kissamos and Paleohora urban areas, Western Crete (Greece).. Annals of Geophysics, 2019, 62, .	1.0	4
11	Geophysical Methods for Cultural Heritage. Springer Geophysics, 2018, , 9-66.	0.9	2
12	Case Histories: Application of Geophysical Prospection to Cultural Heritage. Springer Geophysics, 2018, , 67-211.	0.9	1
13	Resistivity Tomography in the Park of Pratolino at Vaglia (Florence, Italy). Archaeological Prospection, 2012, 19, 253-260.	2.2	13
14	A DATA-ADAPTIVE PROBABILITY-BASED FAST ERT INVERSION METHOD. Progress in Electromagnetics Research, 2009, 97, 275-290.	4.4	17
15	Imaging multipole gravity anomaly sources by 3D probability tomography. Journal of Geophysics and Engineering, 2009, 6, 298-310.	1.4	3
16	Resistivity Probability Tomography Imaging at the Castle of Zena, Italy. Eurasip Journal on Image and Video Processing, 2009, 2009, 1-9.	2.6	11
17	Three-dimensional resistivity probability tomography at the prehistoric site of grotta reali (Molise, Italy). Progress in Electromagnetics Research, 2009, 97, 275-290.	2.2	17
18	IMAGING MULTIPOLE SELF-POTENTIAL SOURCES BY 3D PROBABILITY TOMOGRAPHY. Progress in Electromagnetics Research B, 2009, 14, 311-339.	1.0	7

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19	Application of geoelectrical 3D probability tomography in a test-site of the archaeological park of Pompei (Naples, Italy). Journal of Geophysics and Engineering, 2008, 5, 67-76.	1.4	22
20	Imaging quadrupolar geophysical anomaly sources by 3D probability tomography: application to near-surface geoelectrical surveys. Journal of Geophysics and Engineering, 2008, 5, 359-370.	1.4	5
21	LOCALIZATION OF MAGNETIC SOURCES UNDERGROUND BY A PROBABILITY TOMOGRAPHY APPROACH. Progress in Electromagnetics Research M, 2008, 3, 27-56.	0.9	21
22	RESISTIVITY TENSOR PROBABILITY TOMOGRAPHY. Progress in Electromagnetics Research B, 2008, 8, 129-146.	1.0	16
23	GEOELECTRICAL ANOMALIES IMAGED BY POLAR AND DIPOLAR PROBABILITY TOMOGRAPHY. Progress in Electromagnetics Research, 2008, 87, 63-88.	4.4	10
24	A geophysical study of the Mount Etna volcanic area. Geophysical Monograph Series, 2004, , 273-291.	0.1	5
25	Looking inside Mount Vesuvius by potential fields integrated probability tomographies. Journal of Volcanology and Geothermal Research, 2002, 113, 363-378.	2.1	53
26	Gravity probability tomography: a new tool for buried mass distribution imaging. Geophysical Prospecting, 2001, 49, 1-12.	1.9	42
27	Localization of maximum depth gravity anomaly sources by a distribution of equivalent point masses. Geophysics, 2001, 66, 1431-1437.	2.6	35
28	The geophysical contribution to the safeguard of historical sites in active volcanic areas.. Journal of Applied Geophysics, 1999, 41, 241-258.	2.1	10
29	Resistivity anomaly imaging by probability tomography. Geophysical Prospecting, 1999, 47, 411-429.	1.9	56
30	Principles of probability tomography for natural source electromagnetic induction fields. Geophysics, 1999, 64, 1403-1417.	2.6	44
31	3D geoelectric tomography and archaeological applications¹. Geophysical Prospecting, 1998, 46, 543-570.	1.9	53