

Pier Matteo Barone

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51
papers

313
citations

11
h-index

13
g-index

68
ext. papers

378
ext. citations

2.2
avg, IF

3.83
L-index

#	Paper	IF	Citations
51	Aventinus Minor Project: Remote Sensing for Archaeological Research in Rome (Italy). <i>Remote Sensing</i> , 2022 , 14, 959	5	0
50	Forensic Geoarchaeology in the Search for Missing Persons. <i>Forensic Sciences</i> , 2021 , 1, 8-15		1
49	Cultural Heritage and Obia. <i>WSEAS Transactions on Environment and Development</i> , 2021 , 17, 449-465	1.1	3
48	Drones as an Integral Part of Remote Sensing Technologies to Help Missing People. <i>Drones</i> , 2020 , 4, 15	5.4	13
47	Remote Sensing Materials for a Preliminary Archaeological Evaluation of the Giove Countryside (Terni, Italy). <i>Remote Sensing</i> , 2020 , 12, 2023	5	3
46	Dealing with different forensic targets: geoscientists at crime scenes. <i>Geological Society Special Publication</i> , 2019 , SP492-2017-274	1.7	2
45	Forensic geophysics: ground penetrating radar (GPR) techniques and missing persons investigations. <i>Forensic Sciences Research</i> , 2019 , 4, 337-340	3.6	6
44	Bombed Archaeology: Towards a Precise Identification and a Safe Management of WWII Dangerous Unexploded Bombs. <i>Heritage</i> , 2019 , 2, 2704-2711	1.6	3
43	Low-Cost CSI Using Forensic GPR, 3D Reconstruction, and GIS. <i>Journal of Geographic Information System</i> , 2019 , 11, 493-499	0.4	5
42	A posteriori GPR Evaluation of Tree Stability: A Case Study in Rome (Italy). <i>Remote Sensing</i> , 2019 , 11, 1301	5	2
41	Non-Invasive Moisture Detection for the Preservation of Cultural Heritage. <i>Heritage</i> , 2018 , 1, 163-170	1.6	4
40	Characterizing the Alabastro listato or fiorito of Hierapolis in Phrygia: A Simple Method to Identify its Provenance using Carbon Stable Isotopes. <i>Archaeometry</i> , 2018 , 60, 403-418	1.6	5
39	Forensic Investigations of Geohazards: The Norcia 2016 Earthquake. <i>Geosciences (Switzerland)</i> , 2018 , 8, 316	2.7	2
38	Geoscientists at Crime Scenes. <i>Soil Forensics</i> , 2017 ,		12
37	Forensic Geophysics. <i>Soil Forensics</i> , 2017 , 175-190		2
36	Global developments in forensic geology. <i>Episodes</i> , 2017 , 40, 120-131	1.6	13
35	Forensic Archaeology. <i>Soil Forensics</i> , 2017 , 191-214		2

34	Forensic Geophysics: How the GPR Technique Can Help with Forensic Investigations. <i>Soil Forensics</i> , 2016 , 213-227		2
33	Finding graves in a cemetery: Preliminary forensic GPR investigations in the Non-Catholic Cemetery in Rome (Italy). <i>Measurement: Journal of the International Measurement Confederation</i> , 2016 , 80, 53-57	4.6	16
32	When the Crime Scene Is the Road: Forensic Geoscience Indicators Applied to Road Infrastructure and Urban Greening. <i>Geosciences (Switzerland)</i> , 2016 , 6, 50	2.7	1
31	Towards a socioeconomic profile for areas vulnerable to soil compaction? A case study in a Mediterranean country. <i>Geoderma</i> , 2015 , 247-248, 97-107	6.7	6
30	Not necessarily buried bodies: Forensic GPR investigations from criminal to civil justice 2015 ,		5
29	Urban archaeological prospections: The GPR investigations close to the Caracalla Baths in Rome (Italy) 2015 ,		2
28	Unravelling landslide risk: soil susceptibility, agro-forest systems and the socio-economic profile of rural communities in Italy. <i>Soil Use and Management</i> , 2015 , 31, 290-298	3.1	6
27	Exploring the multiplicity of soil-human interactions: organic carbon content, agro-forest landscapes and the Italian local communities. <i>Environmental Monitoring and Assessment</i> , 2015 , 187, 283	3.1	2
26	Can Integrated Geophysical Investigations Solve an Archaeological Problem? The Case of the So-Called Domus septem Parthorum in Rome (Italy). <i>International Journal of Archaeology</i> , 2015 , 3, 21	2	2
25	A remote sensing approach to understanding the archaeological potential: the case study of some Roman evidence in Umbria (Italy). <i>International Journal of Archaeology</i> , 2015 , 3, 37	2	3
24	Forensic Geo-Archaeology in Italy: Materials for a Standardisation. <i>International Journal of Archaeology</i> , 2015 , 3, 45	2	6
23	Ground penetrating radar as remote sensing technique to investigate the root system architecture. <i>Applied Ecology and Environmental Research</i> , 2014 , 12, 695-702	1.9	9
22	Non-invasive archaeological exploration in stratigraphically complex rural settings: an example from Ferento (Viterbo, Italy). <i>Archaeological and Anthropological Sciences</i> , 2013 , 5, 267-273	1.8	4
21	Estimation of subsurface dielectric target depth for GPR planetary exploration: Laboratory measurements and modeling. <i>Journal of Applied Geophysics</i> , 2013 , 93, 93-100	1.7	14
20	Ground-Penetrating Radar technique to investigate historic eruptions on the Mt. Etna volcano (Sicily, Italy) 2013 ,		1
19	Monitoring Shallow Soil Water Content Under Natural Field Conditions Using the Early-Time GPR Signal Technique. <i>Vadose Zone Journal</i> , 2013 , 12, vzj2012.0202	2.7	19
18	An evaluation of the early-time GPR amplitude technique for electrical conductivity monitoring 2013 ,		4
17	Desertification Risk, Long-Term Land-Use Changes and Environmental Resilience: A Case Study in Basilicata, Italy. <i>Scottish Geographical Journal</i> , 2013 , 129, 85-99	0.7	19

16	Comparison of GPR and unilateral NMR for water content measurements in a laboratory scale experiment. <i>Near Surface Geophysics</i> , 2013 , 11, 143-153	1.6	11
15	GPR ESTIMATION OF THE GEOMETRICAL FEATURES OF BURIED METALLIC TARGETS IN TESTING CONDITIONS. <i>Progress in Electromagnetics Research B</i> , 2013 , 49, 339-362	0.7	7
14	GPR detectability of rocks in a Martian-like shallow subsoil: A numerical approach. <i>Planetary and Space Science</i> , 2012 , 62, 31-40	2	16
13	Shape reconstruction of scatterers by suitable inverse processing of GPR data 2012 ,		1
12	How could Archeo-Geophysics help garbage disposal? A fortuitous discovery in Central Italy 2012 , 2, 3		
11	MAPPING THE UNDISCOVERED RUINS OF POMPEII (NAPLES, ITALY) USING GROUND PENETRATING RADAR*. <i>Archaeometry</i> , 2012 , 54, 203-212	1.6	3
10	OPENING THE FRONTIER: THE GUBBIO/PERUGIA FRONTIER IN THE COURSE OF HISTORY. <i>Papers of the British School at Rome</i> , 2012 , 80, 257-294	0.1	16
9	Forensic Geophysics: how GPR Could Help Police Investigations 2012 ,		4
8	Ground-penetrating Radar in the Regio III (Pompeii, Italy): Archaeological Evidence. <i>Archaeological Prospection</i> , 2011 , 18, n/a-n/a	1.8	2
7	Radio wave techniques for non-destructive archaeological investigations. <i>Contemporary Physics</i> , 2011 , 52, 121-130	3.3	10
6	GPR application to the structural control of historical buildings: two case studies in Rome, Italy. <i>Near Surface Geophysics</i> , 2010 , 8, 407-413	1.6	11
5	2010 ,		5
4	GPR measurements and FDTD simulations for landmine detection 2010 ,		5
3	Ground-penetrating radar investigations into the construction techniques of the Concordia Temple (Agrigento, Sicily, Italy). <i>Archaeological Prospection</i> , 2007 , 14, 47-59	1.8	8
2	Geoforensics in Italy: education and research standards. <i>Geological Society Special Publication</i> , SP492-2017, 273	1	
1	Materials for the study of the locus operandi in the search for missing persons in Italy. <i>Forensic Sciences Research</i> , 1-11	3.6	3