

Pier Matteo Barone

List of Publications by Citations

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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 | Monitoring Shallow Soil Water Content Under Natural Field Conditions Using the Early-Time GPR Signal Technique. <i>Vadose Zone Journal</i> , 2013 , 12, vj2012.0202 | 2.7 | 19 |
| 50 | 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 |
| 49 | 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 |
| 48 | 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 |
| 47 | 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 |
| 46 | 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 |
| 45 | Drones as an Integral Part of Remote Sensing Technologies to Help Missing People. <i>Drones</i> , 2020 , 4, 15 | 5.4 | 13 |
| 44 | Global developments in forensic geology. <i>Episodes</i> , 2017 , 40, 120-131 | 1.6 | 13 |
| 43 | Geoscientists at Crime Scenes. <i>Soil Forensics</i> , 2017 , | | 12 |
| 42 | 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 |
| 41 | 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 |
| 40 | Radio wave techniques for non-destructive archaeological investigations. <i>Contemporary Physics</i> , 2011 , 52, 121-130 | 3.3 | 10 |
| 39 | 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 |
| 38 | 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 |
| 37 | 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 |
| 36 | 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 |
| 35 | Forensic geophysics: ground penetrating radar (GPR) techniques and missing persons investigations. <i>Forensic Sciences Research</i> , 2019 , 4, 337-340 | 3.6 | 6 |

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| 34 | 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 |
| 33 | Forensic Geo-Archaeology in Italy: Materials for a Standardisation. <i>International Journal of Archaeology</i> , 2015 , 3, 45 | 2 | 6 |
| 32 | Not necessarily buried bodies: Forensic GPR investigations from criminal to civil justice 2015 , | | 5 |
| 31 | 2010 , | | 5 |
| 30 | GPR measurements and FDTD simulations for landmine detection 2010 , | | 5 |
| 29 | 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 |
| 28 | Low-Cost CSI Using Forensic GPR, 3D Reconstruction, and GIS. <i>Journal of Geographic Information System</i> , 2019 , 11, 493-499 | 0.4 | 5 |
| 27 | Non-Invasive Moisture Detection for the Preservation of Cultural Heritage. <i>Heritage</i> , 2018 , 1, 163-170 | 1.6 | 4 |
| 26 | 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 |
| 25 | An evaluation of the early-time GPR amplitude technique for electrical conductivity monitoring 2013 , | | 4 |
| 24 | Forensic Geophysics: how GPR Could Help Police Investigations 2012 , | | 4 |
| 23 | 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 |
| 22 | MAPPING THE UNDISCOVERED RUINS OF POMPEII (NAPLES, ITALY) USING GROUND PENETRATING RADAR*. <i>Archaeometry</i> , 2012 , 54, 203-212 | 1.6 | 3 |
| 21 | 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 |
| 20 | Remote Sensing Materials for a Preliminary Archaeological Evaluation of the Giove Countryside (Terni, Italy). <i>Remote Sensing</i> , 2020 , 12, 2023 | 5 | 3 |
| 19 | Cultural Heritage and Obia. <i>WSEAS Transactions on Environment and Development</i> , 2021 , 17, 449-465 | 1.1 | 3 |
| 18 | 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 |
| 17 | Forensic Geophysics. <i>Soil Forensics</i> , 2017 , 175-190 | | 2 |

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| 16 | Dealing with different forensic targets: geoscientists at crime scenes. <i>Geological Society Special Publication</i> , 2019 , SP492-2017-274 | 1.7 | 2 |
| 15 | Urban archaeological prospections: The GPR investigations close to the Caracalla Baths in Rome (Italy) 2015 , | | 2 |
| 14 | Forensic Geophysics: How the GPR Technique Can Help with Forensic Investigations. <i>Soil Forensics</i> , 2016 , 213-227 | | 2 |
| 13 | 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 |
| 12 | Ground-penetrating Radar in the Regio III (Pompeii, Italy): Archaeological Evidence. <i>Archaeological Prospection</i> , 2011 , 18, n/a-n/a | 1.8 | 2 |
| 11 | 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 |
| 10 | Forensic Archaeology. <i>Soil Forensics</i> , 2017 , 191-214 | | 2 |
| 9 | A posteriori GPR Evaluation of Tree Stability: A Case Study in Rome (Italy). <i>Remote Sensing</i> , 2019 , 11, 1301 | 5 | 2 |
| 8 | Forensic Investigations of Geohazards: The Norcia 2016 Earthquake. <i>Geosciences (Switzerland)</i> , 2018 , 8, 316 | 2.7 | 2 |
| 7 | Ground-Penetrating Radar technique to investigate historic eruptions on the Mt. Etna volcano (Sicily, Italy) 2013 , | | 1 |
| 6 | Shape reconstruction of scatterers by suitable inverse processing of GPR data 2012 , | | 1 |
| 5 | Geoforensics in Italy: education and research standards. <i>Geological Society Special Publication</i> , SP492-2017-273 | | 1 |
| 4 | Forensic Geoarchaeology in the Search for Missing Persons. <i>Forensic Sciences</i> , 2021 , 1, 8-15 | | 1 |
| 3 | 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 |
| 2 | Aventinus Minor Project: Remote Sensing for Archaeological Research in Rome (Italy). <i>Remote Sensing</i> , 2022 , 14, 959 | 5 | 0 |
| 1 | How could Archeo-Geophysics help garbage disposal? A fortuitous discovery in Central Italy 2012 , 2, 3 | | |