# Sebastiano D'Amico

List of Publications by Year
in descending order



| 63 | 1,348 | 394286 19 | 377752 34 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 67 | 67 | 67 | 1344 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Multi-Technique Diagnostic Analysis of Plasters and Mortars from the Church of the Annunciation (Tortorici, Sicily). Materials, 2022, 15, 958. | 1.3 | 6 |
| 2 | Ground-Penetrating Radar and Photogrammetric Investigation on Prehistoric Tumuli at Parabita (Lecce, Italy) Performed with an Unconventional Use of the Position Markers. Remote Sensing, 2022, 14, 1280. | 1.8 | 2 |
| 3 | Are Synthetic Accelerograms Suitable for Local Seismic Response Analyses at Near-Field Sites?. Bulletin of the Seismological Society of America, 2022, 112, 992-1007. | 1.1 | 0 |
| 4 | Insights into the dynamics of the Nirano Mud Volcano through seismic characterization of drumbeat signals and V/H analysis. Journal of Volcanology and Geothermal Research, 2022, 431, 107619. | 0.8 | 5 |
| 5 | Modelling and assessment of earthquake ground response in areas characterised by a thick buried low-velocity layer. Natural Hazards, 2021, 105, 115-136. | 1.6 | 5 |
| 6 | Correlation between crustal anisotropy and seismogenic stress field beneath Shillongâ€“Mikir Plateau and its vicinity in North East India. Geomatics, Natural Hazards and Risk, 2021, 12, 2070-2086. | 2.0 | 3 |
| 7 | A First National Seismic Network for the Maltese Islandsâ€”The Malta Seismic Network. Seismological Research Letters, 2021, 92, 1817-1831. | 0.8 | 4 |
| 8 | Using unmanned aerial vehicle photogrammetry for digital geological surveys: case study of Selmun promontory, northern of Malta. Environmental Earth Sciences, 2021, 80, 1. | 1.3 | 18 |
| 9 | WebGIS Implementation for Dynamic Mapping and Visualization of Coastal Geospatial Data: A Case Study of BESS Project. Applied Sciences (Switzerland), 2021, 11, 8233. | 1.3 | 32 |
| 10 | GPR Investigation at the Archaeological Site of Le Cesine, Lecce, Italy. Information (Switzerland), 2021, 12, 412. | 1.7 | 5 |
| 11 | Stability Assessment and Geomorphological Evolution of Sea Natural Arches by Geophysical Measurement: The Case Study of Wied Il-Mielah Window (Gozo, Malta). Sustainability, 2021, 13, 12538. | 1.6 | 6 |
| 12 | Structural investigation of Mnajdra megalithic monument in Malta. Journal of Cultural Heritage, 2020, 41, 96-105. | 1.5 | 9 |
| 13 | Transient tectonic regimes imposed by megathrust earthquakes and the growth of NW-trending volcanic systems in the Southern Andes. Tectonophysics, 2020, 774, 228204. | 0.9 | 9 |
| 14 | Investigation of cliff instability at GÄ§ajn Ä¦adid Tower (Selmun Promontory, Malta) by integrated passive seismic techniques. Journal of Seismology, 2020, 24, 897-916. | 0.6 | 20 |
| 15 | PRELIMINARY EXPERIMENTAL MEASUREMENTS OF THE DIELECTRIC AND MAGNETIC PROPERTIES OF A MATERIAL WITH A COAXIAL TDR PROBE IN REFLECTION MODE. Progress in Electromagnetics Research M, 2020, 91, 111-121. | 0.5 | 5 |
| 16 | On the Portability of MLâ€“Mc as a Depth Discriminant for Small Seismic Events Recorded at Local Distances. Bulletin of the Seismological Society of America, 2019, 109, 1661-1673. | 1.1 | 12 |
| 17 | GPR Investigations at St John's Coâ€Cathedral in Valletta. Near Surface Geophysics, 2019, 17, 213-229. | 0.6 | 16 |
| 18 | Active degassing across the Maltese Islands (Mediterranean Sea) and implications for its neotectonics. Marine and Petroleum Geology, 2019, 104, 361-374. | 1.5 | 12 |

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|---|---|---|---|
| 19 | Ambient vibration measurements to support morphometric analysis of a pyroclastic cone. Bulletin of Volcanology, 2019, 81, 1. | 1.1 | 9 |
| 20 | Dielectric permittivity diagnostics as a tool for cultural heritage preservation: Application on degradable globigerina limestone. Measurement: Journal of the International Measurement Confederation, 2018, 123, 270-274. | 2.5 | 8 |
| 21 | Engineering geological zonation of a complex landslide system through seismic ambient noise measurements at the Selmun Promontory (Malta). Geophysical Journal International, 2018, 213, 1146-1161. | 1.0 | 25 |
| 22 | Shallow high-resolution geophysical investigation along the western segment of the Victoria Lines Fault (island of Malta). Tectonophysics, 2018, 724-725, 220-233. | 0.9 | 12 |
| 23 | High-frequency ground-motion parameters from weak-motion data in the Sicily Channel and surrounding regions. Geophysical Journal International, 2018, 214, 148-163. | 1.0 | 3 |
| 24 | Lusi hydrothermal structure inferred through ambient vibration measurements. Marine and Petroleum Geology, 2018, 90, 116-124. | 1.5 | 12 |
| 25 | Seismic Signature of the Azure Window Collapse, Gozo, Central Mediterranean. Seismological Research Letters, 2018, 89, 1108-1117. | 0.8 | 9 |
| 26 | GPR prospecting in the chapel of Aragon within the Co-Cathedral of St. John (Valletta, Malta). , 2018, , . | | 1 |
| 27 | Coulomb Stress Changes in the Area of December 2013â€“January 2014 Sannio-Matese Seismic Sequence (Southern Italy). Springer Natural Hazards, 2018, , 589-597. | 0.1 | 0 |
| 28 | Estimating Stability and Resolution of Waveform Inversion Focal Mechanisms. Springer Natural Hazards, 2018, , 93-109. | 0.1 | 3 |
| 29 | Study of fault plane solutions and stress drop using local broadband network data: The 2011 Sikkim Himalaya earthquake Mw 6.9 and its aftershocks. Annals of Geophysics, 2018, 61, . | 0.5 | 6 |
| 30 | Integration of geological and geophysical data for re-evaluation of local seismic hazard and geological structure: the case study of Rometta, Sicily (Italy). Annals of Geophysics, 2018, 61, . | 0.5 | 5 |
| 31 | An Innovative Use of TDR Probes: First Numerical Validations with a Coaxial Cable. Journal of Environmental and Engineering Geophysics, 2018, 23, 437-442. | 1.0 | 5 |
| 32 | Sensitivity of ground motion parameters to local shear-wave velocity models: The case of buried low-velocity layers. Soil Dynamics and Earthquake Engineering, 2017, 100, 196-205. | 1.9 | 13 |
| 33 | Georisks in the Mediterranean and their mitigation. Natural Hazards, 2017, 86, 199-202. | 1.6 | 0 |
| 34 | Rock Mass Characterization Coupled with Seismic Noise Measurements to Analyze the Unstable Cliff Slope of the Selmun Promontory (Malta). Procedia Engineering, 2017, 191, 263-269. | 1.2 | 8 |
| 35 | Results from shallow geophysical investigations in the northwestern sector of the island of Malta. Physics and Chemistry of the Earth, 2017, 98, 41-48. | 1.2 | 17 |
| 36 | Surface geology and morphologic effects on seismic site response: The study case of Lampedusa, Italy. Physics and Chemistry of the Earth, 2017, 98, 62-72. | 1.2 | 13 |

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|---|---|---|---|
| 37 | A microtremor survey to define the subsoil structure in a mud volcanoes area: the case study of Salinelle (Mt. Etna, Italy). Environmental Earth Sciences, 2016, 75, 1. | 1.3 | 19 |
| 38 | Evaluation of building fundamental periods and effects of local geology on ground motion parameters in the Siracusa area, Italy. Journal of Seismology, 2016, 20, 1001-1019. | 0.6 | 21 |
| 39 | Inversion of surface wave data for subsurface shear wave velocity profiles characterized by a thick buried low-velocity layer. Geophysical Journal International, 2016, 206, 1221-1231. | 1.0 | 38 |
| 40 | Enhanced geothermal systems (EGS): A review. Renewable and Sustainable Energy Reviews, 2016, 56, 133-144. | 8.2 | 447 |
| 41 | Earthquake and People: The Maltese Experience of the 1908 Messina Earthquake. , 2016, , 533-561. | | 6 |
| 42 | The Easter Sunday 2011 Earthquake Swarm Offshore Malta: Analysis on Felt Reports. , 2016, , 631-645. | | 6 |
| 43 | The LF radio anomaly observed before the M w Â=Â6.5 earthquake in Crete on October 12, 2013. Physics and Chemistry of the Earth, 2015, 85-86, 98-105. | 1.2 | 5 |
| 44 | A large scale ambient vibration survey in the area damaged by Mayâ€"June 2012 seismic sequence in Emilia Romagna, Italy. Bulletin of Earthquake Engineering, 2015, 13, 3187-3206. | 2.3 | 48 |
| 45 | Investigating slab edge kinematics through seismological data: The northern boundary of the Ionian subduction system (south Italy). Journal of Geodynamics, 2015, 88, 23-35. | 0.7 | 22 |
| 46 | Dynamic characteristics of an active coastal spreading area using ambient noise measurementsâ€"Anchor Bay, Malta. Geophysical Journal International, 2014, 199, 1166-1175. | 1.0 | 41 |
| 47 | Seismic moment tensors and regional stress in the area of the December 2013â€"January 2014, Matese earthquake sequence (Italy). Journal of Geodynamics, 2014, 82, 118-124. | 0.7 | 14 |
| 48 | Subduction, volcanism, collision, orogenesis and faults: How do they shape the central Mediterranean region?. Journal of Geodynamics, 2014, 82, 1-4. | 0.7 | 2 |
| 49 | Site frequency response characterisation of the Maltese islands based on ambient noise H/V ratios. Engineering Geology, 2013, 163, 89-100. | 2.9 | 46 |
| 50 | Macroseismic attenuation in the Campanian area, southern Italy. Izvestiya, Physics of the Solid Earth, 2013, 49, 416-425. | 0.2 | 3 |
| 51 | Source parameters of small and moderate earthquakes in the area of the 2009 Lâ€™Aquila earthquake sequence (central Italy). Physics and Chemistry of the Earth, 2013, 63, 77-91. | 1.2 | 22 |
| 52 | Scaling earthquake ground motions in western Anatolia, Turkey. Physics and Chemistry of the Earth, 2013, 63, 124-135. | 1.2 | 22 |
| 53 | Seismic site response of unstable steep slope using noise measurements: the case study of Xemxija Bay area, Malta. Natural Hazards and Earth System Sciences, 2012, 12, 3421-3431. | 1.5 | 74 |
| 54 | Predictions of high-frequency ground-motion in Taiwan based on weak motion data. Geophysical Journal International, 2012, 189, 611-628. | 1.0 | 22 |

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|---|---|---|---|
| 55 | The 20th September 1999 Chi-Chi Earthquake (Taiwan): a case of study for its aftershock seismic sequence. Izvestiya, Physics of the Solid Earth, 2010, 46, 317-326. | 0.2 | 5 |
| 56 | Imaging the rupture of the M<sub>w</sub> 6.3 April 6, 2009 L'Aquila, Italy earthquake using backâ€projection of teleseismic Pâ€waves. Geophysical Research Letters, 2010, 37, . | 1.5 | 24 |
| 57 | Broadband waveform inversion of moderate earthquakes in the Messina Straits, southern Italy. Physics of the Earth and Planetary Interiors, 2010, 179, 97-106. | 0.7 | 52 |
| 58 | Heuristic advances in identifying aftershocks in seismic sequences. Computers and Geosciences, 2009, 35, 245-254. | 2.0 | 7 |
| 59 | Seismic anomalies in the aftershock sequence of November 16, 2000, in Papua New Guinea. Izvestiya, Physics of the Solid Earth, 2007, 43, 662-668. | 0.2 | 3 |
| 60 | Volcanic Tremor at Mt. Etna, Italy, Preceding and Accompanying the Eruption of July â€“ August, 2001. Pure and Applied Geophysics, 2005, 162, 2111-2132. | 0.8 | 28 |
| 61 | The temporal series of the New Guinea 29 April 1996 aftershock sequence. Physics of the Earth and Planetary Interiors, 2005, 153, 175-180. | 0.7 | 5 |
| 62 | Seismoacoustic measurements during the Julyâ€“August 2001 eruption of Mt. Etna volcano, Italy. Journal of Volcanology and Geothermal Research, 2004, 137, 219-230. | 0.8 | 33 |
| 63 | Assessing Seismic Site Response at Areas Characterized by a Thick Buried Low-Velocity Layer. , 0, , . | | 1 |