

Giuliana Panieri

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,693
citations

236925

25
h-index

315739

38
g-index

69
all docs

69
docs citations

69
times ranked

1819
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Foram-AMBI: A sensitivity index based on benthic foraminiferal faunas from North-East Atlantic and Arctic fjords, continental shelves and slopes. <i>Marine Micropaleontology</i> , 2016, 122, 1-12. | 1.2 | 123 |
| 2 | Postglacial response of Arctic Ocean gas hydrates to climatic amelioration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6215-6220. | 7.1 | 92 |
| 3 | Mediterranean megaturbidite triggered by the AD 365 Crete earthquake and tsunami. <i>Scientific Reports</i> , 2013, 3, 1285. | 3.3 | 82 |
| 4 | An integrated view of the methane system in the pockmarks at Vestnesa Ridge, 79°N. <i>Marine Geology</i> , 2017, 390, 282-300. | 2.1 | 74 |
| 5 | Ribosomal RNA gene fragments from fossilized cyanobacteria identified in primary gypsum from the late Miocene, Italy. <i>Geobiology</i> , 2010, 8, 101-111. | 2.4 | 73 |
| 6 | Foraminiferal response to an active methane seep environment: A case study from the Adriatic Sea. <i>Marine Micropaleontology</i> , 2006, 61, 116-130. | 1.2 | 69 |
| 7 | Seepage from an arctic shallow marine gas hydrate reservoir is insensitive to momentary ocean warming. <i>Nature Communications</i> , 2017, 8, 15745. | 12.8 | 59 |
| 8 | Reduced methane seepage from Arctic sediments during cold bottom-water conditions. <i>Nature Geoscience</i> , 2020, 13, 144-148. | 12.9 | 53 |
| 9 | Turbidite paleoseismology in the Calabrian Arc Subduction Complex (Ionian Sea). <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 112-140. | 2.5 | 51 |
| 10 | Record of methane emissions from the West Svalbard continental margin during the last 23.500yrs revealed by $\delta^{13}C$ of benthic foraminifera. <i>Global and Planetary Change</i> , 2014, 122, 151-160. | 3.5 | 51 |
| 11 | Removal of methane through hydrological, microbial, and geochemical processes in the shallow sediments of pockmarks along eastern Vestnesa Ridge (Svalbard). <i>Limnology and Oceanography</i> , 2016, 61, S324. | 3.1 | 42 |
| 12 | Carbon isotope ($\delta^{13}C$) excursions suggest times of major methane release during the last 14 kyr in Fram Strait, the deep-water gateway to the Arctic. <i>Climate of the Past</i> , 2015, 11, 669-685. | 3.4 | 40 |
| 13 | Diagenetic Mg-calcite overgrowths on foraminiferal tests in the vicinity of methane seeps. <i>Earth and Planetary Science Letters</i> , 2017, 458, 203-212. | 4.4 | 37 |
| 14 | Benthic foraminifera from a recent, shallow-water hydrothermal environment in the Aeolian Arc (Tyrrhenian Sea). <i>Marine Geology</i> , 2005, 218, 207-229. | 2.1 | 36 |
| 15 | Methane seepages recorded in benthic foraminifera from Miocene seep carbonates, Northern Apennines (Italy). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 284, 271-282. | 2.3 | 36 |
| 16 | Benthic Foraminifera of the Blake Ridge hydrate mound, Western North Atlantic Ocean. <i>Marine Micropaleontology</i> , 2008, 66, 91-102. | 1.2 | 34 |
| 17 | Tracing seafloor methane emissions with benthic foraminifera: Results from the Ana submarine landslide (Eivissa Channel, Western Mediterranean Sea). <i>Marine Geology</i> , 2012, 291-294, 97-112. | 2.1 | 33 |
| 18 | Methane-fuelled biofilms predominantly composed of methanotrophic ANME-1 in Arctic gas hydrate-related sediments. <i>Scientific Reports</i> , 2019, 9, 9725. | 3.3 | 33 |

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|----|---|------|-----------|
| 19 | Methane seepage at Vestnesa Ridge (NW Svalbard) since the Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2018, 193, 98-117. | 3.0 | 32 |
| 20 | The Impact of Methane on Microbial Communities at Marine Arctic Gas Hydrate Bearing Sediment. <i>Frontiers in Microbiology</i> , 2020, 11, 1932. | 3.5 | 32 |
| 21 | Benthic foraminifera associated with a hydrocarbon seep in the Rockall Trough (NE Atlantic). <i>Geobios</i> , 2005, 38, 247-255. | 1.4 | 31 |
| 22 | Complementary biomarker-based methods for characterising Arctic sea ice conditions: A case study comparison between multivariate analysis and the PIP25 index. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 222, 406-420. | 3.9 | 31 |
| 23 | How are benthic foraminiferal faunas influenced by cold seeps? Evidence from the Miocene of Italy. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 204, 257-275. | 2.3 | 30 |
| 24 | Diagenetic alteration of benthic foraminifera from a methane seep site on Vestnesa Ridge (NW) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54 | 1.4 | 30 |
| 25 | Bivalve shell horizons in seafloor pockmarks of the last glacialâ€interglacial transition: a thousand years of methane emissions in the <sc>A</sc>rtic <sc>O</sc>cean. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 4108-4129. | 2.5 | 29 |
| 26 | A thermogenic hydrocarbon seep in shallow Adriatic Sea (Italy): Gas origin, sediment contamination and benthic foraminifera. <i>Marine and Petroleum Geology</i> , 2014, 57, 283-293. | 3.3 | 28 |
| 27 | Rapid Atlantification along the Fram Strait at the beginning of the 20th century. <i>Science Advances</i> , 2021, 7, eabj2946. | 10.3 | 27 |
| 28 | Paleoâ€methane emissions recorded in foraminifera near the landward limit of the gas hydrate stability zone offshore western <sc>S</sc>valbard. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 521-537. | 2.5 | 26 |
| 29 | Late Miocene seep-carbonates and fluid migration on top of the Montepetra intrabasinal high (Northern Apennines, Italy): Relations with syndepositional folding. <i>Sedimentary Geology</i> , 2010, 231, 41-54. | 2.1 | 24 |
| 30 | Mud volcanoes along the inner deformation front of the Calabrian Arc accretionary wedge (Ionian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54 | 2.1 | 23 |
| 31 | Palaeoceanographic and environmental changes in the eastern Fram Strait during the last 14,000 years based on benthic and planktonic foraminifera. <i>Marine Micropaleontology</i> , 2018, 139, 84-101. | 1.2 | 23 |
| 32 | Late Holocene foraminifera of Blake Ridge diapir: Assemblage variation and stable-isotope record in gas-hydrate bearing sediments. <i>Marine Geology</i> , 2014, 353, 99-107. | 2.1 | 22 |
| 33 | Fracture-controlled fluid transport supports microbial methane-oxidizing communities at Vestnesa Ridge. <i>Biogeosciences</i> , 2019, 16, 2221-2232. | 3.3 | 21 |
| 34 | Deepâ€sourced gas seepage and methaneâ€derived carbonates in the Northern Adriatic Sea. <i>Basin Research</i> , 2015, 27, 531-545. | 2.7 | 20 |
| 35 | Are repetitive slumpings during sapropel S1 related to paleo-earthquakes?. <i>Marine Geology</i> , 2015, 361, 41-52. | 2.1 | 20 |
| 36 | Origin and Transformation of Light Hydrocarbons Ascending at an Active Pockmark on Vestnesa Ridge, Arctic Ocean. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2018JB016679. | 3.4 | 20 |

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|----|--|------|-----------|
| 37 | Nordic Seas polynyas and their role in preconditioning marine productivity during the Last Glacial Maximum. <i>Nature Communications</i> , 2018, 9, 3959. | 12.8 | 19 |
| 38 | THE EFFECT OF SHALLOW MARINE HYDROTHERMAL VENT ACTIVITY ON BENTHIC FORAMINIFERA (AEOLIAN) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 0.5 | 18 |
| 39 | Possible climate preconditioning on submarine landslides along a convergent margin, Nankai Trough (NE Pacific). <i>Progress in Earth and Planetary Science</i> , 2017, 4, . | 3.0 | 18 |
| 40 | Benthic Foraminifera in Arctic Methane Hydrate Bearing Sediments. <i>Frontiers in Marine Science</i> , 2019, 6, . | 2.5 | 18 |
| 41 | Foraminiferal $\delta^{18}O$ reveals gas hydrate dissociation in Arctic and North Atlantic ocean sediments. <i>Geo-Marine Letters</i> , 2020, 40, 507-523. | 1.1 | 18 |
| 42 | How Academics and the Public Experienced Immersive Virtual Reality for Geo-Education. <i>Geosciences (Switzerland)</i> , 2022, 12, 9. | 2.2 | 18 |
| 43 | Keystone Arctic paleoceanographic proxy association with putative methanotrophic bacteria. <i>Scientific Reports</i> , 2018, 8, 10610. | 3.3 | 15 |
| 44 | Dynamic and history of methane seepage in the SW Barents Sea: new insights from Leirdjupet Fault Complex. <i>Scientific Reports</i> , 2021, 11, 4373. | 3.3 | 14 |
| 45 | Multi-proxy approach to unravel methane emission history of an Arctic cold seep. <i>Quaternary Science Reviews</i> , 2020, 244, 106490. | 3.0 | 12 |
| 46 | Testing miniaturized extraction chromatography protocols for combined ^{87}Sr and ^{86}Sr and ^{88}Sr analyses of pore water by MC-ICP-MS. <i>Limnology and Oceanography: Methods</i> , 2021, 19, 431-440. | 2.0 | 11 |
| 47 | Biomarker and Isotopic Composition of Seep Carbonates Record Environmental Conditions in Two Arctic Methane Seeps. <i>Frontiers in Earth Science</i> , 2021, 8, . | 1.8 | 10 |
| 48 | Methane transport and sources in an Arctic deep-water cold seep offshore NW Svalbard (Vestnesa) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 1.4 | 9 |
| 49 | Novel biomineralization strategy in calcareous foraminifera. <i>Scientific Reports</i> , 2018, 8, 10201. | 3.3 | 7 |
| 50 | The origin of gas seeps in the Northern Adriatic Sea. <i>Italian Journal of Geosciences</i> , 2019, 138, 171-183. | 0.8 | 7 |
| 51 | Characterization of Carbonate Crust from a Recently Discovered Methane Seep on the North Atlantic Continental Margin of the USA. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 138. | 2.0 | 2 |
| 52 | The benthic foraminiferal $\delta^{34}S$ records flux and timing of paleo methane emissions. <i>Scientific Reports</i> , 2020, 10, 1304. | 3.3 | 2 |