

Gian Gabriele Ori

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

2,380
citations

159585

30
h-index

206112

48
g-index

53
all docs

53
docs citations

53
times ranked

2573
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Local stratigraphic relations at Sandel crater, Venus: Possible evidence for recent volcano-tectonic activity in Imdr Regio. <i>Earth and Planetary Science Letters</i> , 2020, 546, 116410. | 4.4 | 10 |
| 2 | The Dallol Geothermal Area, Northern Afar (Ethiopia)â€™An Exceptional Planetary Field Analog on Earth. <i>Astrobiology</i> , 2019, 19, 553-578. | 3.0 | 51 |
| 3 | Geological Evidence of Planetâ€™Wide Groundwater System on Mars. <i>Journal of Geophysical Research E: Planets</i> , 2019, 124, 374-395. | 3.6 | 54 |
| 4 | Ultra-small microorganisms in the polyextreme conditions of the Dallol volcano, Northern Afar, Ethiopia. <i>Scientific Reports</i> , 2019, 9, 7907. | 3.3 | 28 |
| 5 | Investigating the subsurface structure of the main crater of the proposed Sirente meteorite crater field (Central Italy): new clues from reflection seismics. <i>Planetary and Space Science</i> , 2019, 168, 27-39. | 1.7 | 3 |
| 6 | ExoMars Atmospheric Mars Entry and Landing Investigations and Analysis (AMELIA). <i>Space Science Reviews</i> , 2019, 215, 1. | 8.1 | 14 |
| 7 | <i>In Situ</i> Sampling of Relative Dust Devil Particle Loads and Their Vertical Grain Size Distributions. <i>Astrobiology</i> , 2018, 18, 1305-1317. | 3.0 | 5 |
| 8 | Geology of Aeolis Dorsa alluvial sedimentary basin, Mars. <i>Journal of Maps</i> , 2018, 14, 212-218. | 2.0 | 56 |
| 9 | Habitability on Early Mars and the Search for Biosignatures with the ExoMars Rover. <i>Astrobiology</i> , 2017, 17, 471-510. | 3.0 | 371 |
| 10 | A sedimentary origin for intercrater plains north of the Hellas basin: Implications for climate conditions and erosion rates on early Mars. <i>Journal of Geophysical Research E: Planets</i> , 2016, 121, 2239-2267. | 3.6 | 25 |
| 11 | Hydrological and sedimentary analyses of well-preserved paleofluvial-paleolacustrine systems at Moa Valles, Mars. <i>Journal of Geophysical Research E: Planets</i> , 2016, 121, 194-232. | 3.6 | 23 |
| 12 | Planetary Protection and Mars Special Regionsâ€™A Suggestion for Updating the Definition. <i>Astrobiology</i> , 2016, 16, 119-125. | 3.0 | 36 |
| 13 | The MARS2013 Mars Analog Mission. <i>Astrobiology</i> , 2014, 14, 360-376. | 3.0 | 34 |
| 14 | A Case for Using Ground-Based Thermal Inertia Measurements to Detect Martian Caves. <i>Astrobiology</i> , 2014, 14, 431-437. | 3.0 | 3 |
| 15 | Field Trial of a Dual-Wavelength Fluorescent Emission (L.I.F.E.) Instrument and the Magma White Rover during the MARS2013 Mars Analog Mission. <i>Astrobiology</i> , 2014, 14, 391-405. | 3.0 | 9 |
| 16 | Liquefaction Features. A Comparison Between the Emilia Epicentral Area (Italy) and the Cerberus Fossae Region (Mars). <i>Springer Geology</i> , 2014, , 323-330. | 0.3 | 0 |
| 17 | Iron-framboids in the hydrocarbon-related Middle Devonian Hollard Mound of the Anti-Atlas mountain range in Morocco: Evidence of potential microbial biosignatures. <i>Sedimentary Geology</i> , 2012, 263-264, 183-193. | 2.1 | 47 |
| 18 | Mud volcanoes in the geologic record of Mars: The case of Firsoff crater. <i>Earth and Planetary Science Letters</i> , 2011, 304, 511-519. | 4.4 | 61 |

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|----|--|-----|-----------|
| 19 | Roles of methane and carbon dioxide in geological processes on Mars. <i>Planetary and Space Science</i> , 2011, 59, 169-181. | 1.7 | 39 |
| 20 | An inventory of potentially habitable environments on Mars: Geological and biological perspectives. , 2011, , . | | 11 |
| 21 | Report of the COSPAR mars special regions colloquium. <i>Advances in Space Research</i> , 2010, 46, 811-829. | 2.6 | 53 |
| 22 | Dune morphology, sand transport pathways and possible source areas in east Thaumasia Region (Mars). <i>Geomorphology</i> , 2010, 121, 84-97. | 2.6 | 35 |
| 23 | Exploring Mars and its terrestrial analogues. <i>Planetary and Space Science</i> , 2009, 57, 509. | 1.7 | 1 |
| 24 | Mars and Moon exploration passing through the European Precision Landing GNC Test Facility. <i>Acta Astronautica</i> , 2008, 63, 74-90. | 3.2 | 10 |
| 25 | Evidence for late Hesperian lacustrine activity in Shalbatana Vallis, Mars. <i>Journal of Geophysical Research</i> , 2007, 112, . | 3.3 | 42 |
| 26 | Combinations of processes responsible for Martian impact crater "layered ejecta structures" emplacement. <i>Journal of Geophysical Research</i> , 2007, 112, . | 3.3 | 67 |
| 27 | Origin of glacial "fluvial landforms in the Azas Plateau volcanic field, the Tuva Republic, Russia: Role of ice "magma interaction. <i>Geomorphology</i> , 2007, 88, 352-366. | 2.6 | 12 |
| 28 | Life in the Atacama: Searching for life with rovers (science overview). <i>Journal of Geophysical Research</i> , 2007, 112, . | 3.3 | 42 |
| 29 | Surface and subsurface composition of the Life in the Atacama field sites from rover data and orbital image analysis. <i>Journal of Geophysical Research</i> , 2007, 112, . | 3.3 | 9 |
| 30 | Life in the Atacama: A scoring system for habitability and the robotic exploration for life. <i>Journal of Geophysical Research</i> , 2007, 112, . | 3.3 | 12 |
| 31 | A description of surface features in north Tyrrhena Terra, Mars: Evidence for extension and lava flooding. <i>Icarus</i> , 2007, 191, 524-544. | 2.5 | 51 |
| 32 | Chemosynthetic microbialites in the Devonian carbonate mounds of Hamar Laghdad (Anti-Atlas), Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 2 | 2.1 | 60 |
| 33 | Geological evolution of the Tyras Vallis paleolacustrine system, Mars. <i>Journal of Geophysical Research</i> , 2006, 111, . | 3.3 | 42 |
| 34 | Ir and Rare Earth's Elements determination by Neutron Activation Analysis and ICP - MS in soil samples. <i>Journal of Physics: Conference Series</i> , 2006, 41, 551-554. | 0.4 | 2 |
| 35 | Microbial signatures in sabkha evaporite deposits of Chott el Gharsa (Tunisia) and their astrobiological implications. <i>Planetary and Space Science</i> , 2006, 54, 726-736. | 1.7 | 54 |
| 36 | Interior layered deposits of Valles Marineris, Mars: analogous subice volcanism related to Baikal Rifting, Southern Siberia. <i>Planetary and Space Science</i> , 2004, 52, 167-187. | 1.7 | 73 |

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|----|--|-----|-----------|
| 37 | Investigation of LIBS feasibility for in situ planetary exploration: An analysis on Martian rock analogues. <i>Planetary and Space Science</i> , 2004, 52, 117-123. | 1.7 | 172 |
| 38 | Performance and surface scattering models for the Mars Advanced Radar for Subsurface and Ionosphere Sounding (MARSIS). <i>Planetary and Space Science</i> , 2004, 52, 149-156. | 1.7 | 125 |
| 39 | Foreland-dipping normal faults in the inner edges of syn-orogenic basins: a case from the Central Apennines, Italy. <i>Tectonophysics</i> , 2001, 330, 211-224. | 2.2 | 51 |
| 40 | Martian paleolacustrine environments and their geological constrains on drilling operations for exobiological research. <i>Planetary and Space Science</i> , 2000, 48, 1027-1034. | 1.7 | 27 |
| 41 | Exobiological implications of potential sedimentary deposits on Mars. <i>Planetary and Space Science</i> , 2000, 48, 1043-1052. | 1.7 | 37 |
| 42 | An ESA study for the search for life on Mars. <i>Planetary and Space Science</i> , 2000, 48, 181-202. | 1.7 | 60 |
| 43 | Neogene palaeoenvironmental evolution in the Atlantic side of the Rifian Corridor (Morocco). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2000, 163, 1-31. | 2.3 | 26 |
| 44 | Terraces and Gilbert-type deltas in crater lakes in Ismenius Lacus and Memnonia (Mars). <i>Journal of Geophysical Research</i> , 2000, 105, 17629-17641. | 3.3 | 100 |
| 45 | Complex depositional systems in Hydrates Chaos, Mars: An example of sedimentary process interactions in the Martian hydrological cycle. <i>Journal of Geophysical Research</i> , 1998, 103, 22713-22723. | 3.3 | 34 |
| 46 | <i>Globorotalia bouregregensis</i>; a new species of planktonic foraminifer from the latest Miocene<sup>early Pliocene</sup> of the Rifian Seaway (northwest Morocco). <i>Journal of Micropalaeontology</i> , 1997, 16, 175-178. | 3.6 | 1 |
| 47 | Continental depositional systems of the Quaternary of the Po Plain (northern Italy). <i>Sedimentary Geology</i> , 1993, 83, 1-14. | 2.1 | 74 |
| 48 | Geologic history of the extensional basin of the Gulf of Corinth (?Miocene-Pleistocene), Greece. <i>Geology</i> , 1989, 17, 918. | 4.4 | 117 |
| 49 | Geometries of Gilbert-type deltas and large channels in the Meteora Conglomerate, Meso-Hellenic basin (Oligo-Miocene), central Greece. <i>Sedimentology</i> , 1987, 34, 845-859. | 3.1 | 36 |
| 50 | Braided to meandering channel patterns in humid-region alluvial fan deposits, River Reno, Po Plain (northern Italy). <i>Sedimentary Geology</i> , 1982, 31, 231-248. | 2.1 | 65 |
| 51 | VENUS subsurface ionosphere radar sounder: VENSIS. , 0, , . | | 0 |
| 52 | Playa environments on Earth: possible analogs for Mars. , 0, , 322-348. | | 10 |