

Monica Pondrelli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3402585/publications.pdf>

Version: 2024-02-01

35
papers

1,049
citations

567281

15
h-index

501196

28
g-index

40
all docs

40
docs citations

40
times ranked

1024
citing authors

#	ARTICLE	IF	CITATIONS
1	The Devonian–Carboniferous boundary in the Carnic Alps (Austria and Italy). <i>Palaeobiodiversity and Palaeoenvironments</i> , 2021, 101, 487-505.	1.5	14
2	Paleotemperature record of the Middle Devonian Kaibak Episode. <i>Scientific Reports</i> , 2021, 11, 16559.	3.3	8
3	Depositional Controls of the Layered Deposits of Arabia Terra, Mars: Hints From Basin Geometries and Stratigraphic Trends. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2021JE006974.	3.6	7
4	Conodonts across the Silurian/Devonian boundary in the Carnic Alps (Austria and Italy). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 549, 109097.	2.3	12
5	Geological map and stratigraphic evolution of the central sector of the Carnic Alps (Austria-Italy). <i>Italian Journal of Geosciences</i> , 2020, 139, 469-484.	0.8	3
6	The Dallol Geothermal Area, Northern Afar (Ethiopia)–An Exceptional Planetary Field Analog on Earth. <i>Astrobiology</i> , 2019, 19, 553-578.	3.0	51
7	Geological Evidence of Planet-Wide Groundwater System on Mars. <i>Journal of Geophysical Research E: Planets</i> , 2019, 124, 374-395.	3.6	54
8	Groundwater Control and Process Variability on the Equatorial Layered Deposits of Kotido Crater, Mars. <i>Journal of Geophysical Research E: Planets</i> , 2019, 124, 779-800.	3.6	16
9	Fluids mobilization in Arabia Terra, Mars: Depth of pressurized reservoir from mounds self-similar clustering. <i>Icarus</i> , 2019, 321, 938-959.	2.5	22
10	Geology of Aeolis Dorsa alluvial sedimentary basin, Mars. <i>Journal of Maps</i> , 2018, 14, 212-218.	2.0	56
11	Geologic Tools. , 2018, , 15-31.		2
12	Conodont diversity across the late Eifelian Kaibak Episode of the southern Alpine realm (central Carnic) <i>Tj ETQqO 0,0,rgBT /Oylock 10</i>	2.3	4
13	Lower Lochkovian (Lower Devonian) conodonts from Cellon section (Carnic Alps, Austria). <i>Bulletin of Geosciences</i> , 2016, , 261-270.	1.1	11
14	Development of an ultra-miniaturised XRD/XRF instrument for the in situ mineralogical and chemical analysis of planetary soils and rocks: implication for archaeometry. <i>Rendiconti Lincei</i> , 2015, 26, 529-537.	2.2	4
15	Quantifying geological processes on Mars–Results of the high resolution stereo camera (HRSC) on Mars express. <i>Planetary and Space Science</i> , 2015, 112, 53-97.	1.7	63
16	Depositional evolution of a lower Paleozoic portion of the Southalpine domain: the Mt. Pizzul area (Carnic Alps, Italy). <i>International Journal of Earth Sciences</i> , 2015, 104, 147-178.	1.8	7
17	Lateral Accretion Patterns. , 2015, , 1132-1135.		0
18	Insight into the development of a carbonate platform through a multi-disciplinary approach: a case study from the Upper Devonian slope deposits of Mount Freikofel (Carnic Alps, Austria/Italy). <i>International Journal of Earth Sciences</i> , 2014, 103, 519-538.	1.8	10

#	ARTICLE	IF	CITATIONS
19	Geometry, stratigraphy and evidences for fluid expulsion within Crommelin crater deposits, Arabia Terra, Mars. Planetary and Space Science, 2014, 92, 34-48.	1.7	27
20	Lateral Accretion Patterns. , 2014, , 1-5.		0
21	Equatorial Layered Deposits in Arabia Terra, Mars: Stratigraphy and Process Variability. Springer Geology, 2014, , 343-347.	0.3	0
22	Application of Sequence-Stratigraphic Concepts to Mars: Eberswalde Crater. Springer Geology, 2014, , 349-354.	0.3	1
23	Sequence of infilling events in Gale Crater, Mars: Results from morphology, stratigraphy, and mineralogy. Journal of Geophysical Research E: Planets, 2013, 118, 2439-2473.	3.6	139
24	Mud volcanoes in the geologic record of Mars: The case of Firsoff crater. Earth and Planetary Science Letters, 2011, 304, 511-519.	4.4	61
25	Evolution of periglacial landforms in the ancient mountain range of the Thaumasia Highlands, Mars. Geological Society Special Publication, 2011, 356, 69-85.	1.3	6
26	Geological, geomorphological, facies and allostratigraphic maps of the Eberswalde fan delta. Planetary and Space Science, 2011, 59, 1166-1178.	1.7	18
27	An inventory of potentially habitable environments on Mars: Geological and biological perspectives. , 2011, , .		11
28	New Concepts and Tools for Geological Mapping of Mars: Geological Mapping of Mars: A Workshop on New Concepts and Tools; Tuscany, Italy, 12-14 October 2009. Eos, 2010, 91, 88.	0.1	0
29	Geological evolution of Ares Vallis on Mars: Formation by multiple events of catastrophic flooding, glacial and periglacial processes. Icarus, 2009, 202, 60-77.	2.5	55
30	Polyphase metamorphism in the eastern Carnic Alps (N Italy-S Austria): clay minerals and conodont Colour Alteration Index evidence. International Journal of Earth Sciences, 2008, 97, 1213-1229.	1.8	22
31	Evolution and depositional environments of the Eberswalde fan delta, Mars. Icarus, 2008, 197, 429-451.	2.5	111
32	Large-scale spring deposits on Mars?. Journal of Geophysical Research, 2008, 113, .	3.3	115
33	A description of surface features in north Tyrrhena Terra, Mars: Evidence for extension and lava flooding. Icarus, 2007, 191, 524-544.	2.5	51
34	Complex evolution of paleolacustrine systems on Mars: An example from the Holden crater. Journal of Geophysical Research, 2005, 110, .	3.3	71
35	Equatorial layered deposits in Arabia Terra, Mars: Facies and process variability. Bulletin of the Geological Society of America, 0, , B31225.1.	3.3	13