

# Maria Cristina Salvatore

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

1,070  
citations

331670  
21  
h-index

454955  
30  
g-index

63  
all docs

63  
docs citations

63  
times ranked

1651  
citing authors

#	ARTICLE	IF	CITATIONS
1	The occupation history of the longest-dwelling Adélie penguin colony reflects Holocene climatic and environmental changes in the Ross Sea, Antarctica. Quaternary Science Reviews, 2022, 284, 107494.	3.0	2
2	Last Lateglacial glacier advance in the Gran Paradiso Group reveals relatively drier climatic conditions established in the Western Alps since at least the Younger Dryas. Quaternary Science Reviews, 2021, 255, 106815.	3.0	15
3	Mid-Holocene thinning of David Glacier, Antarctica: chronology and controls. Cryosphere, 2021, 15, 5447-5471.	3.9	8
4	Holocene dust in East Antarctica: Provenance and variability in time and space. Holocene, 2020, 30, 546-558.	1.7	25
5	Insight Into Provenance and Variability of Atmospheric Dust in Antarctic Ice Cores During the Late Pleistocene From Magnetic Measurements. Frontiers in Earth Science, 2020, 8, .	1.8	3
6	<i>Pinus cembra</i> L. tree-ring data as a proxy for summer mass-balance variability of the Careser Glacier (Italian Rhaetian Alps). Journal of Glaciology, 2020, 66, 714-726.	2.2	4
7	Glacier shrinkage and slope processes create habitat at high elevation and microrefugia across treeline for alpine plants during warm stages. Catena, 2020, 193, 104626.	5.0	30
8	A long-term chronology of <i>Pinus pinea</i> L. from Parco della Versiliana (Pietrasanta, Italy) derived from treefall induced by a windstorm on March 4th-5th, 2015. Dendrochronologia, 2020, 62, 125710.	2.2	2
9	Decoupled kinematics of two neighbouring permafrost creeping landforms in the Eastern Italian Alps. Earth Surface Processes and Landforms, 2019, 44, 2703-2719.	2.5	17
10	Geophysical signature of a World War I tunnel-like anomaly in the Forni Glacier (Punta Linke, Italian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.2	4
11	Challenges in relative sea-level change assessment highlighted through a case study: The central coast of Atlantic Patagonia. Global and Planetary Change, 2019, 182, 103008.	3.5	1
12	Mummified and skeletal southern elephant seals ( <i>Mirounga leonina</i> ) from the Victoria Land Coast, Ross Sea, Antarctica. Marine Mammal Science, 2019, 35, 934-956.	1.8	8
13	A <i>Pinus cembra</i> L. tree-ring record for late spring to late summer temperature in the Rhaetian Alps, Italy. Dendrochronologia, 2019, 53, 22-31.	2.2	23
14	Tree-ring-based reconstruction of larch budmoth outbreaks in the Central Italian Alps since 1774 CE. IForest, 2019, 12, 289-296.	1.4	8
15	Mid-Holocene relative sea-level changes along Atlantic Patagonia: New data from Camarones, Chubut, Argentina. Holocene, 2018, 28, 56-64.	1.7	11
16	Regionalization of the Atmospheric Dust Cycle on the Periphery of the East Antarctic Ice Sheet Since the Last Glacial Maximum. Geochemistry, Geophysics, Geosystems, 2018, 19, 3540-3554.	2.5	14
17	Last glacial maximum glaciers in the Northern Apennines reflect primarily the influence of southerly storm-tracks in the western Mediterranean. Quaternary Science Reviews, 2018, 197, 352-367.	3.0	25
18	Geochemical characteristics of the infilling of ground wedges at Puerto Deseado (Santa Cruz,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	0.5	1

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19	Causes of dust size variability in central East Antarctica (Dome B): Atmospheric transport from expanded South American sources during Marine Isotope Stage 2. <i>Quaternary Science Reviews</i> , 2017, 168, 55-68.	3.0	46
20	GPR versus Geoarchaeological Findings in a Complex Archaeological Site (Badia Pozzeveri, Italy). <i>Archaeological Prospection</i> , 2017, 24, 141-156.	2.2	7
21	Double response of glaciers in the Upper Peio Valley (Rhaetian Alps, Italy) to the Younger Dryas climatic deterioration. <i>Boreas</i> , 2017, 46, 783-798.	2.4	18
22	Little Ice Age mapping as a tool for identifying hazard in the paraglacial environment: The case study of Trentino (Eastern Italian Alps). <i>Geomorphology</i> , 2017, 295, 551-562.	2.6	20
23	Holocene sea ice variability driven by wind and polynya efficiency in the Ross Sea. <i>Nature Communications</i> , 2017, 8, 1334.	12.8	67
24	Climate signals in a multispecies tree-ring network from central and southern Italy and reconstruction of the late summer temperatures since the early 1700s. <i>Climate of the Past</i> , 2017, 13, 1451-1471.	3.4	13
25	Analysis of the mass balance time series of glaciers in the Italian Alps. <i>Cryosphere</i> , 2016, 10, 695-712.	3.9	23
26	A Sr-Nd-Hf isotope characterization of dust source areas in Victoria Land and the McMurdo Sound sector of Antarctica. <i>Quaternary Science Reviews</i> , 2016, 141, 26-37.	3.0	22
27	Multispecies dendroclimatic reconstructions of summer temperature in the European Alps enhanced by trees highly sensitive to temperature. <i>Climatic Change</i> , 2016, 137, 275-291.	3.6	13
28	From cold to warm-stage refugia for boreo-alpine plants in southern European and Mediterranean mountains: the last chance to survive or an opportunity for speciation?. <i>Biodiversity</i> , 2015, 16, 247-261.	1.1	44
29	Ancient population genomics and the study of evolution. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20130381.	4.0	18
30	Thermomechanical stress-strain numerical modelling of deglaciation since the Last Glacial Maximum in the Adamello Group (Rhaetian Alps, Italy). <i>Geomorphology</i> , 2014, 226, 278-299.	2.6	26
31	Adelie penguin dietary remains reveal Holocene environmental changes in the western Ross Sea (Antarctica). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 395, 21-28.	2.3	17
32	Neutron activation analysis on sediments from Victoria Land, Antarctica: multi-elemental characterization of potential atmospheric dust sources. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 299, 1615-1623.	1.5	5
33	Reconstructing fluctuations of the Lamon glacier (eastern Italian Alps) in the late Holocene: new evidence for a little ice age maximum around 1600 AD. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2014, 96, 287-306.	1.5	31
34	Modern and Holocene aeolian dust variability from Talos Dome (Northern Victoria Land) to the interior of the Antarctic ice sheet. <i>Quaternary Science Reviews</i> , 2013, 64, 76-89.	3.0	54
35	Decay of a long-term monitored glacier: Careser Glacier (Ortles-Cevedale, European Alps). <i>Cryosphere</i> , 2013, 7, 1819-1838.	3.9	50
36	Tree-ring-based summer mean temperature variations in the Adamello-Presanella Group (Italian) Tj ETQq0 0 0,rgBT /Overlock 10 Tf	3.4	17

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37	Insights into the Holocene environmental setting of Terra Nova Bay region (Ross Sea, Antarctica) from oxygen isotope geochemistry of Adélie penguin eggshells. <i>Holocene</i> , 2012, 22, 63-69.	1.7	6
38	Multiple cosmogenic nuclides document the stability of the East Antarctic Ice Sheet in northern Victoria Land since the Late Miocene (5–7 Ma). <i>Quaternary Science Reviews</i> , 2012, 57, 85-94.	3.0	18
39	Weakening climatic signal since mid-20th century in European larch tree-ring chronologies at different altitudes from the Adamello-Presanella Massif (Italian Alps). <i>Quaternary Research</i> , 2012, 77, 344-354.	1.7	35
40	Il segnale climatico e le sue variazioni negli anelli di accrescimento degli alberi da siti estremi al contorno della regione mediterranea. <i>Rendiconti Online Società Geologica Italiana</i> , 2012, , 24-28.	0.3	0
41	Stable isotopes reveal Holocene changes in the diet of Adélie penguins in Northern Victoria Land (Ross Sea, Antarctica). <i>Oecologia</i> , 2010, 164, 911-919.	2.0	29
42	Morphodynamics and morphological changes of the last 50 years in a badland sample area of Southern Tuscany (Italy). <i>Zeitschrift für Geomorphologie</i> , 2009, 53, 273-297.	0.8	14
43	Multiple cosmogenic nuclides document complex Pleistocene exposure history of glacial drifts in Terra Nova Bay (northern Victoria Land, Antarctica). <i>Quaternary Research</i> , 2009, 71, 83-92.	1.7	42
44	Holocene Adélie penguin diet in Victoria Land, Antarctica. <i>Polar Biology</i> , 2009, 32, 1077-1086.	1.2	18
45	Surface exposure ages imply multiple low-amplitude Pleistocene variations in East Antarctic Ice Sheet, Ricker Hills, Victoria Land. <i>Antarctic Science</i> , 2009, 21, 59-69.	0.9	28
46	The Ricker Hills Tillite provides evidence of Oligocene warm-based glaciation in Victoria Land, Antarctica. <i>Global and Planetary Change</i> , 2008, 60, 457-470.	3.5	22
47	Morphological analysis and erosion rate evaluation in badlands of Radicofani area (Southern Tuscany) <span>Tj ETQq1 1 0,784314 rgBT /Overlo</span>	0.8	51
48	Dating late Cenozoic erosional surfaces in Victoria Land, Antarctica, with cosmogenic neon in pyroxenes. <i>Antarctic Science</i> , 2008, 20, 89-98.	0.9	28
49	Fluvial origin of the valley system in northern Victoria Land (Antarctica) from quantitative geomorphic analysis. <i>Bulletin of the Geological Society of America</i> , 2005, 117, 212.	3.3	46
50	Antarctic geomorphological and glaciological 1 : 250 000 map series: Mount Murchison quadrangle, northern Victoria Land. Explanatory notes. <i>Annals of Glaciology</i> , 2004, 39, 256-264.	1.4	13
51	Geomorphological sketch map of the Fossil Bluff area (Alexander Island, Antarctica) mapped from aerial photographs. <i>Antarctic Science</i> , 2001, 13, 75-78.	0.9	1
52	A model of the glacial retreat of upper Rennick Glacier, Victoria Land, Antarctica. <i>Annals of Glaciology</i> , 1999, 29, 225-230.	1.4	10
53	Kinematic global positioning system to monitor small Antarctic glaciers. <i>Annals of Glaciology</i> , 1997, 24, 326-330.	1.4	4
54	Kinematic global positioning system to monitor small Antarctic glaciers. <i>Annals of Glaciology</i> , 1997, 24, 326-330.	1.4	3