Maria Cristina Salvatore

List of Publications by Year
in descending order

54	1,070	331670	454955
papers	citations	21 h-index	30 g-index

63	63	63	1651
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Holocene sea ice variability driven by wind and polynya efficiency in the Ross Sea. Nature Communications, 2017, 8, 1334.	12.8	67
2	Modern and Holocene aeolian dust variability from Talos Dome (Northern Victoria Land) to the interior of the Antarctic ice sheet. Quaternary Science Reviews, 2013, 64, 76-89.	3.0	54
3	Morphological analysis and erosion rate evaluation in badlands of Radicofani area (Southern Tuscany) Tj ETQq1 1 0.784314 rgBT /Ove	5.0	51
4	Decay of a long-term monitored glacier: Careser Glacier (Ortles-Cevedale, European Alps). Cryosphere, 2013, 7, 1819-1838.	3.9	50
5	Fluvial origin of the valley system in northern Victoria Land (Antarctica) from quantitative geomorphic analysis. Bulletin of the Geological Society of America, 2005, 117, 212.	3.3	46
6	Causes of dust size variability in central East Antarctica (Dome B): Atmospheric transport from expanded South American sources duringÂMarine Isotope Stage 2. Quaternary Science Reviews, 2017, 168, 55-68.	3.0	46
7	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?. Biodiversity, 2015, 16, 247-261.	1.1	44
8	Multiple cosmogenic nuclides document complex Pleistocene exposure history of glacial drifts in Terra Nova Bay (northern Victoria Land, Antarctica). Quaternary Research, 2009, 71, 83-92.	1.7	42
9	Weakening climatic signal since mid-20th century in European larch tree-ring chronologies at different altitudes from the Adamello-Presanella Massif (Italian Alps). Quaternary Research, 2012, 77, 344-354.	1.7	35
10	Reconstructing fluctuations of la mare glacier (eastern italian alps) in the late holocene: new evidence for a little ice age maximum around 1600 ad. Geografiska Annaler, Series A: Physical Geography, 2014, 96, 287-306.	1.5	31
11	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
12	Stable isotopes reveal Holocene changes in the diet of AdÃ©lie penguins in Northern Victoria Land (Ross Sea, Antarctica). Oecologia, 2010, 164, 911-919.	2.0	29
13	Dating late Cenozoic erosional surfaces in Victoria Land, Antarctica, with cosmogenic neon in pyroxenes. Antarctic Science, 2008, 20, 89-98.	0.9	28
14	Surface exposure ages imply multiple low-amplitude Pleistocene variations in East Antarctic Ice Sheet, Ricker Hills, Victoria Land. Antarctic Science, 2009, 21, 59-69.	0.9	28
15	Thermomechanical stressâ€“strain numerical modelling of deglaciation since the Last Glacial Maximum in the Adamello Group (Rhaetian Alps, Italy). Geomorphology, 2014, 226, 278-299.	2.6	26
16	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
17	Holocene dust in East Antarctica: Provenance and variability in time and space. Holocene, 2020, 30, 546-558.	1.7	25
18	Analysis of the mass balance time series of glaciers in the Italian Alps. Cryosphere, 2016, 10, 695-712.	3.9	23

#	Article	IF	Citations
19	A Pinus cembra L. tree-ring record for late spring to late summer temperature in the Rhaetian Alps, Italy. Dendrochronologia, 2019, 53, 22-31.	2.2	23
20	The Ricker Hills Tillite provides evidence of Oligocene warm-based glaciation in Victoria Land, Antarctica. Global and Planetary Change, 2008, 60, 457-470.	3.5	22
21	A Sr-Nd-Hf isotope characterization of dust source areas in Victoria Land and the McMurdo Sound sector of Antarctica. Quaternary Science Reviews, 2016, 141, 26-37.	3.0	22
22	Little Ice Age mapping as a tool for identifying hazard in the paraglacial environment: The case study of Trentino (Eastern Italian Alps). Geomorphology, 2017, 295, 551-562.	2.6	20
23	Holocene AdÃ©lie penguin diet in Victoria Land, Antarctica. Polar Biology, 2009, 32, 1077-1086.	1.2	18
24	Multiple cosmogenic nuclides document the stability of the East Antarctic Ice Sheet in northern Victoria Land since the Late Miocene (5â€“7ÂMa). Quaternary Science Reviews, 2012, 57, 85-94.	3.0	18
25	Ancient population genomics and the study of evolution. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20130381.	4.0	18
26	Double response of glaciers in the Upper Peio Valley (Rhaetian Alps, Italy) to the Younger Dryas climatic deterioration. Boreas, 2017, 46, 783-798.	2.4	18
27	Tree-ringâ€“based summer mean temperature variations in the Adamelloâ€“Presanella Group (Italian) Tj ETQq1 1 0.784314 rgBT /Ove	3.4	17
28	AdÃ©lie penguin dietary remains reveal Holocene environmental changes in the western Ross Sea (Antarctica). Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 395, 21-28.	2.3	17
29	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
30	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
31	Morphodynamics and morphological changes of the last 50 years in a badland sample area of Southern Tuscany (Italy). Zeitschrift FÃ¼r Geomorphologie, 2009, 53, 273-297.	0.8	14
32	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
33	Antarctic geomorphological and glaciological 1 : 250 000 map series: Mount Murchison quadrangle, northern Victoria Land. Explanatory notes. Annals of Glaciology, 2004, 39, 256-264.	1.4	13
34	Multispecies dendroclimatic reconstructions of summer temperature in the European Alps enhanced by trees highly sensitive to temperature. Climatic Change, 2016, 137, 275-291.	3.6	13
35	Climate signals in a multispecies tree-ring network from central and southern Italy and reconstruction of the late summer temperatures since the early 1700s. Climate of the Past, 2017, 13, 1451-1471.	3.4	13
36	Mid-Holocene relative sea-level changes along Atlantic Patagonia: New data from Camarones, Chubut, Argentina. Holocene, 2018, 28, 56-64.	1.7	11

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37	A model of the glacial retreat of upper Rennick Glacier, Victoria Land, Antarctica. Annals of Glaciology, 1999, 29, 225-230.	1.4	10
38	Mummified and skeletal southern elephant seals (Mirounga leonina) from the Victoria Land Coast, Ross Sea, Antarctica. Marine Mammal Science, 2019, 35, 934-956.	1.8	8
39	Tree-ring-based reconstruction of larch budmoth outbreaks in the Central Italian Alps since 1774 CE. IForest, 2019, 12, 289-296.	1.4	8
40	Mid-Holocene thinning of David Glacier, Antarctica: chronology and controls. Cryosphere, 2021, 15, 5447-5471.	3.9	8
41	GPR versus Geoarchaeological Findings in a Complex Archaeological Site (Badia Pozzeveri, Italy). Archaeological Prospection, 2017, 24, 141-156.	2.2	7
42	Insights into the Holocene environmental setting of Terra Nova Bay region (Ross Sea, Antarctica) from oxygen isotope geochemistry of AdÃ©lie penguin eggshells. Holocene, 2012, 22, 63-69.	1.7	6
43	Neutron activation analysis on sediments from Victoria Land, Antarctica: multi-elemental characterization of potential atmospheric dust sources. Journal of Radioanalytical and Nuclear Chemistry, 2014, 299, 1615-1623.	1.5	5
44	Kinematic global positioning system to monitor small Antarctic glaciers. Annals of Glaciology, 1997, 24, 326-330.	1.4	4
45	Geophysical signature of a World War I tunnel-like anomaly in the Forni Glacier (Punta Linke, Italian) Tj ETQq1 1 0.784314 rgBT /Overlock	2.2	4
46	Pinus cembra 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
47	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
48	Kinematic global positioning system to monitor small Antarctic glaciers. Annals of Glaciology, 1997, 24, 326-330.	1.4	3
49	A long-term chronology of Pinus pinea 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
50	The occupation history of the longest-dwelling AdÃ©lie penguin colony reflects Holocene climatic and environmental changes in the Ross Sea, Antarctica. Quaternary Science Reviews, 2022, 284, 107494.	3.0	2
51	Geomorphological sketch map of the Fossil Bluff area (Alexander Island, Antarctica) mapped from aerial photographs. Antarctic Science, 2001, 13, 75-78.	0.9	1
52	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
53	Geochemical characteristics of the infilling of ground wedges at Puerto Deseado (Santa Cruz,) Tj ETQq1 1 0.784314 rgBT /Overlock	0.9	1
54	Il segnale climatico e le sue variazioni negli anelli di accrescimento degli alberi da siti estremi al contorno della regione mediterranea. Rendiconti Online Societa Geologica Italiana, 2012, , 24-28.	0.3	0