

Maria Cristina Salvatore

List of Publications by Year in descending order

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54
papers

1,070
citations

331259

21
h-index

454577

30
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63
all docs

63
docs citations

63
times ranked

1651
citing authors

#	ARTICLE	IF	CITATIONS
1	Holocene sea ice variability driven by wind and polynya efficiency in the Ross Sea. <i>Nature Communications</i> , 2017, 8, 1334.	5.8	67
2	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.	1.4	54
3	Morphological analysis and erosion rate evaluation in badlands of Radicofani area (Southern Tuscany) <i>Tj ETQq1 1 0,784314 rgBT /Ove</i>	2.2	51
4	Decay of a long-term monitored glacier: Careser Glacier (Ortles-Cevedale, European Alps). <i>Cryosphere</i> , 2013, 7, 1819-1838.	1.5	50
5	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.	1.6	46
6	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.	1.4	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?. <i>Biodiversity</i> , 2015, 16, 247-261.	0.5	44
8	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.	1.0	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). <i>Quaternary Research</i> , 2012, 77, 344-354.	1.0	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. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2014, 96, 287-306.	0.6	31
11	Glacier shrinkage and slope processes create habitat at high elevation and microrefugia across treeline for alpine plants during warm stages. <i>Catena</i> , 2020, 193, 104626.	2.2	30
12	Stable isotopes reveal Holocene changes in the diet of AdÃ©lie penguins in Northern Victoria Land (Ross Sea, Antarctica). <i>Oecologia</i> , 2010, 164, 911-919.	0.9	29
13	Dating late Cenozoic erosional surfaces in Victoria Land, Antarctica, with cosmogenic neon in pyroxenes. <i>Antarctic Science</i> , 2008, 20, 89-98.	0.5	28
14	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.	0.5	28
15	Thermomechanical stressâ€”strain numerical modelling of deglaciation since the Last Glacial Maximum in the Adamello Group (Rhaetian Alps, Italy). <i>Geomorphology</i> , 2014, 226, 278-299.	1.1	26
16	Last glacial maximum glaciers in the Northern Apennines reflect primarily the influence of southerly storm-tracks in the western Mediterranean. <i>Quaternary Science Reviews</i> , 2018, 197, 352-367.	1.4	25
17	Holocene dust in East Antarctica: Provenance and variability in time and space. <i>Holocene</i> , 2020, 30, 546-558.	0.9	25
18	Analysis of the mass balance time series of glaciers in the Italian Alps. <i>Cryosphere</i> , 2016, 10, 695-712.	1.5	23

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19	A <i>Pinus cembra</i> L. tree-ring record for late spring to late summer temperature in the Rhaetian Alps, Italy. <i>Dendrochronologia</i> , 2019, 53, 22-31.	1.0	23
20	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.	1.6	22
21	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.	1.4	22
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.	1.1	20
23	Holocene AdÃ©lie penguin diet in Victoria Land, Antarctica. <i>Polar Biology</i> , 2009, 32, 1077-1086.	0.5	18
24	Multiple cosmogenic nuclides document the stability of the East Antarctic Ice Sheet in northern Victoria Land since the Late Miocene (5â€“7ÃMa). <i>Quaternary Science Reviews</i> , 2012, 57, 85-94.	1.4	18
25	Ancient population genomics and the study of evolution. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20130381.	1.8	18
26	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.	1.2	18
27	Tree-ringâ€“based summer mean temperature variations in the Adamelloâ€“Presanella Group (Italian) Tj ETQq1 1 0,784314 rgBT /Ove 1.3 17	1.3	17
28	AdÃ©lie penguin dietary remains reveal Holocene environmental changes in the western Ross Sea (Antarctica). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 395, 21-28.	1.0	17
29	Decoupled kinematics of two neighbouring permafrost creeping landforms in the Eastern Italian Alps. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 2703-2719.	1.2	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. <i>Quaternary Science Reviews</i> , 2021, 255, 106815.	1.4	15
31	Morphodynamics and morphological changes of the last 50 years in a badland sample area of Southern Tuscany (Italy). <i>Zeitschrift FÃ¼r Geomorphologie</i> , 2009, 53, 273-297.	0.3	14
32	Regionalization of the Atmospheric Dust Cycle on the Periphery of the East Antarctic Ice Sheet Since the Last Glacial Maximum. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 3540-3554.	1.0	14
33	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.	2.8	13
34	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.	1.7	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. <i>Climate of the Past</i> , 2017, 13, 1451-1471.	1.3	13
36	Mid-Holocene relative sea-level changes along Atlantic Patagonia: New data from Camarones, Chubut, Argentina. <i>Holocene</i> , 2018, 28, 56-64.	0.9	11

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37	A model of the glacial retreat of upper Rennick Glacier, Victoria Land, Antarctica. <i>Annals of Glaciology</i> , 1999, 29, 225-230.	2.8	10
38	Mummified and skeletal southern elephant seals (<i>Mirounga leonina</i>) from the Victoria Land Coast, Ross Sea, Antarctica. <i>Marine Mammal Science</i> , 2019, 35, 934-956.	0.9	8
39	Tree-ring-based reconstruction of larch budmoth outbreaks in the Central Italian Alps since 1774 CE. <i>IForest</i> , 2019, 12, 289-296.	0.5	8
40	Mid-Holocene thinning of David Glacier, Antarctica: chronology and controls. <i>Cryosphere</i> , 2021, 15, 5447-5471.	1.5	8
41	GPR versus Geoarchaeological Findings in a Complex Archaeological Site (Badia Pozzeveri, Italy). <i>Archaeological Prospection</i> , 2017, 24, 141-156.	1.1	7
42	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.	0.9	6
43	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.	0.7	5
44	Kinematic global positioning system to monitor small Antarctic glaciers. <i>Annals of Glaciology</i> , 1997, 24, 326-330.	2.8	4
45	Geophysical signature of a World War I tunnel-like anomaly in the Forni Glacier (Punta Linke, Italian) $T_j ETQq1 1 0.784314 rgBT / Overlock 10$	1.1	4
46	<i>Pinus cembra</i> L. tree-ring data as a proxy for summer mass-balance variability of the Careser Glacier (Italian Rhaetian Alps). <i>Journal of Glaciology</i> , 2020, 66, 714-726.	1.1	4
47	Insight Into Provenance and Variability of Atmospheric Dust in Antarctic Ice Cores During the Late Pleistocene From Magnetic Measurements. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	3
48	Kinematic global positioning system to monitor small Antarctic glaciers. <i>Annals of Glaciology</i> , 1997, 24, 326-330.	2.8	3
49	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. <i>Dendrochronologia</i> , 2020, 62, 125710.	1.0	2
50	The occupation history of the longest-dwelling Adélie penguin colony reflects Holocene climatic and environmental changes in the Ross Sea, Antarctica. <i>Quaternary Science Reviews</i> , 2022, 284, 107494.	1.4	2
51	Geomorphological sketch map of the Fossil Bluff area (Alexander Island, Antarctica) mapped from aerial photographs. <i>Antarctic Science</i> , 2001, 13, 75-78.	0.5	1
52	Challenges in relative sea-level change assessment highlighted through a case study: The central coast of Atlantic Patagonia. <i>Global and Planetary Change</i> , 2019, 182, 103008.	1.6	1
53	Geochemical characteristics of the infilling of ground wedges at Puerto Deseado (Santa Cruz,) $T_j ETQq1 1 0.784314 rgBT / Overlock 10$	0.2	1
54	Il segnale climatico e le sue variazioni negli anelli di accrescimento degli alberi da siti estremi al contorno della regione mediterranea. <i>Rendiconti Online Societa Geologica Italiana</i> , 2012, , 24-28.	0.3	0