

Gustavo Villarosa

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

762
citations

566801

15
h-index

525886

27
g-index

31
all docs

31
docs citations

31
times ranked

1027
citing authors

#	ARTICLE	IF	CITATIONS
1	Volcanic ash forecast during the June 2011 Cord�n Caulle eruption. <i>Natural Hazards</i> , 2013, 66, 389-412.	1.6	95
2	The Unexpected Awakening of Chait�n Volcano, Chile. <i>Eos</i> , 2009, 90, 205-206.	0.1	90
3	Long-range volcanic ash transport and fallout during the 2008 eruption of Chait�n volcano, Chile. <i>Physics and Chemistry of the Earth</i> , 2012, 45-46, 50-64.	1.2	66
4	Impact of the 1960 major subduction earthquake in Northern Patagonia (Chile, Argentina). <i>Quaternary International</i> , 2006, 158, 58-71.	0.7	62
5	Obsidian in the south-central Andes: Geological, geochemical, and archaeological assessment of north Patagonian sources (Argentina). <i>Quaternary International</i> , 2011, 245, 25-36.	0.7	49
6	Late Pleistocene palaeolakes in the Andean and Extra-Andean Patagonia at mid-latitudes of South America. <i>Quaternary International</i> , 2002, 89, 135-150.	0.7	41
7	Explosive volcanism during the Holocene in the Upper Limay River Basin: The effects of ashfalls on human societies, Northern Patagonia, Argentina. <i>Quaternary International</i> , 2006, 158, 44-57.	0.7	41
8	Holocene climate variability and environmental history at the Patagonian forest/steppe ecotone: Lago Mosquito (42�29'37.89"S, 71�24'14.57"W) and Laguna del C�ndor (42�20'47.22"S, 71�17'07.62"W). <i>Holocene</i> , 2012, 22, 1297-1307.	0.9	33
9	Climate and local controls of long-term vegetation dynamics in northern Patagonia (Lat 41�S). <i>Quaternary Research</i> , 2012, 78, 502-512.	1.0	33
10	Agricultural impact assessment and management after three widespread tephra falls in Patagonia, South America. <i>Natural Hazards</i> , 2016, 82, 1167-1229.	1.6	32
11	Impacts to agriculture and critical infrastructure in Argentina after ashfall from the 2011 eruption of the Cord�n Caulle volcanic complex: an assessment of published damage and function thresholds. <i>Journal of Applied Volcanology</i> , 2016, 5, .	0.7	32
12	An 18,000 year-long eruptive record from Volc�n Chait�n, northwestern Patagonia: Paleoenvironmental and hazard-assessment implications. <i>Quaternary Science Reviews</i> , 2017, 168, 151-181.	1.4	29
13	Stratigraphy, age and correlation of Lepu� Tephra: a widespread <i>c</i>. 11 000 cal a BP marker horizon sourced from the Chait�n Sector of southern Chile. <i>Journal of Quaternary Science</i> , 2017, 32, 795-829.	1.1	22
14	Title is missing!. <i>Water, Air, and Soil Pollution</i> , 2002, 137, 21-44.	1.1	19
15	Complex refractive index of volcanic ash aerosol in the infrared, visible, and ultraviolet. <i>Applied Optics</i> , 2020, 59, 884.	0.9	17
16	Measurements and modeling of snow albedo at Alerce Glacier, Argentina: effects of volcanic ash, snow grain size, and cloudiness. <i>Cryosphere</i> , 2020, 14, 4581-4601.	1.5	14
17	Fate and agricultural consequences of leachable elements added to the environment from the 2011 Cord�n Caulle tephra fall. <i>Journal of Volcanology and Geothermal Research</i> , 2016, 327, 554-570.	0.8	12
18	Validation of the FALL3D model for the 2008 Chait�n eruption using field and satellite data. <i>Andean Geology</i> , 2013, 40, .	0.2	11

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19	Subaqueous landslides at the distal basin of Lago Nahuel Huapi (Argentina): Towards a tsunami hazard evaluation in Northern Patagonian lakes. <i>Geomorphology</i> , 2016, 268, 197-206.	1.1	10
20	Remobilized Cordón Caulle 2011 tephra deposits in north-Patagonian watersheds: Resedimentation at deltaic environments and its implications. <i>Geomorphology</i> , 2019, 341, 140-152.	1.1	9
21	Little Ice Age to Present Paleoenvironmental Reconstruction Based on Multiproxy Analyses from Nahuel Huapi Lake (Patagonia, Argentina). <i>Ameghiniana</i> , 2016, 53, 58-73.	0.3	8
22	Tephra clean-up after the 2015 eruption of Calbuco volcano, Chile: a quantitative geospatial assessment in four communities. <i>Journal of Applied Volcanology</i> , 2019, 8, .	0.7	7
23	Centennial-scale eruptive diversity at Volcán Calbuco (41.3°S; Northwest Patagonia) deduced from historic tephra cover-bed and dendrochronologic archives. <i>Journal of Volcanology and Geothermal Research</i> , 2021, 417, 107281.	0.8	7
24	Investigating the nature of an ash cloud event in Southern Chile using remote sensing: volcanic eruption or resuspension?. <i>Remote Sensing Letters</i> , 2017, 8, 146-155.	0.6	6
25	Refinement of the tephrostratigraphy straddling the northern Patagonian Andes (40°-41°S): new tephra markers, reconciling different archives and ascertaining the timing of piedmont deglaciation. <i>Journal of Quaternary Science</i> , 2022, 37, 441-477.	1.1	5
26	A Holocene history of monkey puzzle tree (<i>Araucaria araucana</i>) in northernmost Patagonia. <i>Journal of Biogeography</i> , 2021, 48, 833-846.	1.4	4
27	Volcanic and environmental impacts on subfossil chironomids from Northern Patagonia (Argentina) over the last 700 years. <i>Limnology</i> , 2021, 22, 337-346.	0.8	3
28	Post-glacial tephrochronology record off the Chilean continental margin (41° S). <i>Quaternary Science Reviews</i> , 2021, 261, 106928.	1.4	2
29	Water evacuations in remote tourist regions: evaluating case studies from natural hazards in North Patagonian lakes, Argentina. <i>Journal of Mountain Science</i> , 2022, 19, 1782-1807.	0.8	2