

# Sergio Rocchi

## List of Publications by Year in descending order

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34  
papers

1,174  
citations

331670

21  
h-index

454955

30  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1082  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chapter 5.1aâ€fNorthern Victoria Land: volcanology. Geological Society Memoir, 2021, 55, 347-381.	1.7	16
2	Chapter 5.1bâ€fNorthern Victoria Land: petrology. Geological Society Memoir, 2021, 55, 383-413.	1.7	15
3	A tuff cone erupted under frozen-bed ice (northern Victoria Land, Antarctica): linking glaciovolcanic and cosmogenic nuclide data for ice sheet reconstructions. Bulletin of Volcanology, 2018, 80, 1.	3.0	14
4	Alps to Apennines zircon roller coaster along the Adria microplate margin. Scientific Reports, 2018, 8, 2704.	3.3	10
5	Late Glacial-Holocene tephra from southern Patagonia and Tierra del Fuego (Argentina, Chile): A complete textural and geochemical fingerprinting for distal correlations in the Southern Hemisphere. Quaternary Science Reviews, 2018, 195, 153-170.	3.0	22
6	Structures Related to the Emplacement of Shallow-Level Intrusions. Advances in Volcanology, 2018, , 83-118.	1.1	1
7	Basement provenance revealed by Uâ€Pb detrital zircon ages: A tale of African and European heritage in Tuscany, Italy. Lithos, 2017, 277, 376-387.	1.4	23
8	Structures Related to the Emplacement of Shallow-Level Intrusions. Advances in Volcanology, 2017, , 83-118.	1.1	2
9	Structures Related to the Emplacement of Shallow-Level Intrusions. Advances in Volcanology, 2017, , .	1.1	0
10	From Gondwana to Europe: The journey of Elba Island (Italy) as recorded by Uâ€Pb detrital zircon ages of Paleozoic metasedimentary rocks. Gondwana Research, 2016, 38, 273-288.	6.0	21
11	Glaciovolcanic evidence for a polythermal Neogene East Antarctic Ice Sheet. Geology, 2014, 42, 39-41.	4.4	17
12	Feeding and growth of a dykeâ€laccolith system (Elba Island, Italy) from AMS and mineral fabric data. Journal of the Geological Society, 2014, 171, 413-424.	2.1	26
13	Volcanic activity and its link to glaciation cycles: Single-grain age and geochemistry of Early to Middle Miocene volcanic glass from ANDRILL AND-2A core, Antarctica. Journal of Volcanology and Geothermal Research, 2013, 250, 106-128.	2.1	22
14	â€Aâ€lava-fed deltas: A new reference tool in paleoenvironmental studies. Geology, 2013, 41, 403-406.	4.4	34
15	A thin predominantly cold-based Late Miocene East Antarctic ice sheet inferred from glaciovolcanic sequences in northern Victoria Land, Antarctica. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 307, 129-149.	2.3	41
16	Arc accretion to the early Paleozoic Antarctic margin of Gondwana in Victoria Land. Gondwana Research, 2011, 19, 594-607.	6.0	69
17	Late Miocene volcanic sequences in northern Victoria Land, Antarctica: products of glaciovolcanic eruptions under different thermal regimes. Bulletin of Volcanology, 2011, 73, 1-25.	3.0	43
18	Introduction: LASI IIIâ€Magma pulses and sheets in tabular intrusions. , 2010, 6, 161-162.		4

#	ARTICLE	IF	CITATIONS
19	Rapid incremental assembly of the Monte Capanne pluton (Elba Island, Tuscany) by downward stacking of magma sheets. <i>Bulletin of the Geological Society of America</i> , 2010, 122, 1463-1479.	3.3	70
20	Intrusive sheets and sheeted intrusions at Elba Island, Italy. , 2010, 6, 225-236.		40
21	Sr-Nd-Pb-He-O Isotope and Geochemical Constraints on the Genesis of Cenozoic Magmas from the West Antarctic Rift. <i>Journal of Petrology</i> , 2009, 50, 1359-1375.	2.8	56
22	Granite-lamprophyre connection in the latest stages of the early Paleozoic Ross Orogeny (Victoria) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	3.3	35
23	The upper lithostratigraphic unit of ANDRILL AND-2A core (Southern McMurdo Sound, Antarctica): Local Pleistocene volcanic sources, paleoenvironmental implications and subsidence in the southern Victoria Land Basin. <i>Global and Planetary Change</i> , 2009, 69, 142-161.	3.5	18
24	Magmatic and tectonic patterns over the Northern Victoria Land sector of the Transantarctic Mountains from new aeromagnetic imaging. <i>Tectonophysics</i> , 2009, 478, 43-61.	2.2	34
25	Sooty sweat stains or tourmaline spots? The Argonauts on the Island of Elba (Tuscany) and the spread of Greek trading in the Mediterranean Sea. <i>Geological Society Special Publication</i> , 2007, 273, 227-243.	1.3	15
26	Detection of Miocene saucer-shaped sills (offshore Senegal) via integrated interpretation of seismic, magnetic and gravity data. <i>Terra Nova</i> , 2007, 19, 232-239.	2.1	29
27	Eocene initiation of Ross Sea dextral faulting and implications for East Antarctic neotectonics. <i>Journal of the Geological Society</i> , 2006, 163, 119-126.	2.1	44
28	Oligocene to Holocene erosion and glacial history in Marie Byrd Land, West Antarctica, inferred from exhumation of the Dorrel Rock intrusive complex and from volcano morphologies. <i>Bulletin of the Geological Society of America</i> , 2006, 118, 991-1005.	3.3	65
29	No plume, no rift magmatism in the West Antarctic Rift. , 2005, , .		24
30	$^{40}\text{Ar}$ - $^{39}\text{Ar}$ dating of pseudotachylytes: the effect of clast-hosted extraneous argon in Cenozoic fault-generated friction melts from the West Antarctic Rift System. <i>Earth and Planetary Science Letters</i> , 2004, 223, 349-364.	4.4	52
31	Intraplate strike-slip tectonics as an alternative to mantle plume activity for the Cenozoic rift magmatism in the Ross Sea region, Antarctica. <i>Geological Society Special Publication</i> , 2003, 210, 145-158.	1.3	34
32	Two-stage growth of laccoliths at Elba Island, Italy. <i>Geology</i> , 2002, 30, 983.	4.4	89
33	Cenozoic magmatism in the western Ross Embayment: Role of mantle plume versus plate dynamics in the development of the West Antarctic Rift System. <i>Journal of Geophysical Research</i> , 2002, 107, ECV 5-1-ECV 5-22.	3.3	129
34	Geochemical and isotopic structure of the early Palaeozoic active margin of Gondwana in northern Victoria Land, Antarctica. <i>Tectonophysics</i> , 1998, 284, 261-281.	2.2	60