

# Andrea Marzoli

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7225535/publications.pdf>

Version: 2024-02-01

87  
papers

5,001  
citations

101384

36  
h-index

91712

69  
g-index

95  
all docs

95  
docs citations

95  
times ranked

3062  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorine partitioning between quadrilateral clinopyroxenes and melt. <i>American Mineralogist</i> , 2022, 107, 167-177.	0.9	6
2	Anthropogenic-scale CO <sub>2</sub> degassing from the Central Atlantic Magmatic Province as a driver of the end-Triassic mass extinction. <i>Global and Planetary Change</i> , 2022, 209, 103731.	1.6	16
3	Cratonic keels controlled the emplacement of the Central Atlantic Magmatic Province (CAMP). <i>Earth and Planetary Science Letters</i> , 2022, 584, 117480.	1.8	6
4	Late Permian to Late Triassic Large Igneous Provinces: Timing, Eruptive Style and Paleoenvironmental Perturbations. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	2
5	Time scales of open-system processes in a complex and heterogeneous mush-dominated plumbing system. <i>Geology</i> , 2022, 50, 869-873.	2.0	1
6	Tracing volcanic emissions from the Central Atlantic Magmatic Province in the sedimentary record. <i>Earth-Science Reviews</i> , 2021, 212, 103444.	4.0	46
7	Zircon petrochronology in large igneous provinces reveals upper crustal contamination processes: new U–Pb ages, Hf and O isotopes, and trace elements from the Central Atlantic magmatic province (CAMP). <i>Contributions To Mineralogy and Petrology</i> , 2021, 176, 1.	1.2	25
8	Geochemistry and Geochronology of the Neoproterozoic Backarc Basin Khzama Ophiolite (Anti-Atlas) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.8	4
9	The origin of carbonatites from the eastern Armutlu Peninsula (NW Turkey). <i>Journal of the Geological Society</i> , 2021, 178, .	0.9	3
10	Massive methane fluxing from magma–sediment interaction in the end-Triassic Central Atlantic Magmatic Province. <i>Nature Communications</i> , 2021, 12, 5534.	5.8	19
11	The Middle Jurassic and Early Cretaceous basalt-radiolarian chert association from the Tekelida–MÄ©lange, eastern Ä°zmir-Ankara-Erzincan suture zone (northern Turkey). <i>Cretaceous Research</i> , 2020, 107, 104280.	0.6	9
12	Permian post-collisional basic magmatism from Corsica to the Southeastern Alps. <i>Lithos</i> , 2020, 376-377, 105733.	0.6	6
13	Extinction and dawn of the modern world in the Carnian (Late Triassic). <i>Science Advances</i> , 2020, 6, .	4.7	116
14	The quintet completed: The partitioning of sulfur between nominally volatile-free minerals and silicate melts. <i>American Mineralogist</i> , 2020, 105, 697-707.	0.9	14
15	HT–LP crustal syntectonic anatexis as a source of the Permian magmatism in the Eastern Southern Alps: evidence from xenoliths in the Euganean trachytes (NE Italy). <i>Journal of the Geological Society</i> , 2020, 177, 1211-1230.	0.9	4
16	Platinum-group elements link the end-Triassic mass extinction and the Central Atlantic Magmatic Province. <i>Scientific Reports</i> , 2020, 10, 3482.	1.6	13
17	Triassic magmatism in the European Southern Alps as an early phase of Pangea break-up. <i>Geological Magazine</i> , 2020, 157, 1800-1822.	0.9	18
18	Deep CO <sub>2</sub> in the end-Triassic Central Atlantic Magmatic Province. <i>Nature Communications</i> , 2020, 11, 1670.	5.8	49

#	ARTICLE	IF	CITATIONS
19	Assessing Origins of End-Triassic Tholeiites From Eastern North America Using Hafnium Isotopes. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC008999.	1.0	5
20	Physical volcanology and emplacement mechanism of the Central Atlantic Magmatic Province (CAMP) lava flows from the Central High Atlas, Morocco. <i>Comptes Rendus - Geoscience</i> , 2020, 352, 455-473.	0.4	1
21	Mantle Dynamics of the Central Atlantic Magmatic Province (CAMP): Constraints from Platinum Group, Gold and Lithophile Elements in Flood Basalts of Morocco. <i>Journal of Petrology</i> , 2019, 60, 1621-1652.	1.1	23
22	A comparison between the sub-continental lithospheric mantle of Libya, Morocco and Cameroon: Evidences from structural data and trace element of mantle xenolith Cr-diopsides. <i>Journal of African Earth Sciences</i> , 2019, 158, 103521.	0.9	1
23	The Central Atlantic Magmatic Province (CAMP) in Morocco. <i>Journal of Petrology</i> , 2019, 60, 945-996.	1.1	68
24	Intraplate magmatism at a convergent plate boundary: The case of the Cenozoic northern Adria magmatism. <i>Earth-Science Reviews</i> , 2019, 192, 355-378.	4.0	15
25	New biostratigraphic constraints show rapid emplacement of the Central Atlantic Magmatic Province (CAMP) during the end-Triassic mass extinction interval. <i>Global and Planetary Change</i> , 2019, 172, 60-68.	1.6	34
26	Blueschist facies overprint of late Triassic Tethyan oceanic crust in a subduction-accretion complex in north-central Anatolia, Turkey. <i>Journal of the Geological Society</i> , 2019, 176, 945-957.	0.9	12
27	Geochemical, mineralogical and Re-Os isotopic constraints on the origin of Tethyan oceanic mantle and crustal rocks from the Central Pontides, northern Turkey. <i>Mineralogy and Petrology</i> , 2018, 112, 25-44.	0.4	10
28	Insights into the petrogenesis of low- and high-Ti basalts: Stratigraphy and geochemistry of four lava sequences from the central Parana basin. <i>Journal of Volcanology and Geothermal Research</i> , 2018, 355, 232-252.	0.8	19
29	Refertilized mantle keel below the Southern Alps domain (North-East Italy): Evidence from Marosticano refractory mantle peridotites. <i>Lithos</i> , 2018, 300-301, 72-85.	0.6	5
30	The Central Atlantic Magmatic Province (CAMP): A Review. <i>Topics in Geobiology</i> , 2018, , 91-125.	0.6	103
31	Monitoring of Sakurajima Volcano, Japan, with Sar Data: From Small Displacement Measurements to Modeling and Forecast. , 2018, , .		0
32	Frictional Instabilities and Carbonation of Basalts Triggered by Injection of Pressurized H <sub>2</sub> O and CO <sub>2</sub> -Rich Fluids. <i>Geophysical Research Letters</i> , 2018, 45, 6032-6041.	1.5	12
33	Restitic or not? Insights from trace element content and crystal structure of spinels in African mantle xenoliths. <i>Lithos</i> , 2017, 278-281, 464-476.	0.6	10
34	Proterozoic to Mesozoic evolution of North-West Africa and Peri-Gondwana microplates: Detrital zircon ages from Morocco and Canada. <i>Lithos</i> , 2017, 278-281, 229-239.	0.6	26
35	End-Triassic mass extinction started by intrusive CAMP activity. <i>Nature Communications</i> , 2017, 8, 15596.	5.8	211
36	Geochemical Constraints Provided by the Freetown Layered Complex (Sierra Leone) on the Origin of High-Ti Tholeiitic CAMP Magmas. <i>Journal of Petrology</i> , 2017, 58, 1811-1840.	1.1	39

#	ARTICLE	IF	CITATIONS
37	Origin and geodynamic environments of the metamorphic sole rocks from the $\ddot{A}$ zmir $\ddot{A}$ Ankara $\ddot{A}$ Erzincan suture zone (Tokat, northern Turkey). <i>International Geology Review</i> , 2016, 58, 1839-1855.	1.1	18
38	Magmatic Activity on a Motionless Plate: the Case of East Island, Crozet Archipelago (Indian Ocean). <i>Journal of Petrology</i> , 2016, 57, 1409-1436.	1.1	11
39	Jurassic metabasic rocks in the K $\ddot{A}$ z $\ddot{A}$ l $\ddot{A}$ mak accretionary complex (Karg $\ddot{A}$ region, Central Pontides). <i>Tj ETQq1 1 0.784314 rgBT /O</i>	0.9	25
40	<sup>40</sup> Ar/ <sup>39</sup> Ar ages of alkaline and tholeiitic rocks from the northern Deccan Traps: implications for magmatic processes and the K $\ddot{A}$ Pg boundary. <i>Journal of the Geological Society</i> , 2016, 173, 679-688.	0.9	47
41	Reply to Comment on $\ddot{A}$ The Jurassic $\ddot{A}$ Cretaceous basaltic magmatism of the Oued El-Abid syncline (High Tj ETQq1 1 0.784314 rgBT /O et $\ddot{A}$ al. (2013) [J. Afr. Earth Sci. 88 (December) (2013) 101 $\ddot{A}$ 105]. <i>Journal of African Earth Sciences</i> , 2016, 118, 320-323.	0.9	2
42	Deep to shallow crustal differentiation of within-plate alkaline magmatism at Mt. Bambouto volcano, Cameroon Line. <i>Lithos</i> , 2015, 220-223, 272-288.	0.6	27
43	Microanalyses link sulfur from large igneous provinces and Mesozoic mass extinctions. <i>Geology</i> , 2014, 42, 895-898.	2.0	63
44	Sr, Nd, Pb and Os Isotope Systematics of CAMP Tholeiites from Eastern North America (ENA): Evidence of a Subduction-enriched Mantle Source. <i>Journal of Petrology</i> , 2014, 55, 133-180.	1.1	69
45	Enriched mantle source for the Central Atlantic magmatic province: New supporting evidence from southwestern Europe. <i>Lithos</i> , 2014, 188, 15-32.	0.6	61
46	Within plate continental magmatism and its mantle sources. <i>Lithos</i> , 2014, 188, 1-2.	0.6	0
47	Petrogenesis of tholeiitic basalts from the Central Atlantic magmatic province as revealed by mineral major and trace elements and Sr isotopes. <i>Lithos</i> , 2014, 188, 44-59.	0.6	18
48	The dawn of CAMP volcanism and its bearing on the end-Triassic carbon cycle disruption. <i>Journal of the Geological Society</i> , 2014, 171, 153-164.	0.9	77
49	The Central Atlantic Magmatic Province extends into Bolivia. <i>Lithos</i> , 2014, 188, 33-43.	0.6	40
50	The Jurassic $\ddot{A}$ Cretaceous basaltic magmatism of the Oued El-Abid syncline (High Atlas, Morocco): Physical volcanology, geochemistry and geodynamic implications. <i>Journal of African Earth Sciences</i> , 2013, 81, 60-81.	0.9	40
51	Metasomatic Processes in the Central Siberian Cratonic Mantle: Evidence from Garnet Xenocrysts from the Zagadochnaya Kimberlite. <i>Journal of Petrology</i> , 2013, 54, 2379-2409.	1.1	43
52	Upper and lower crust recycling in the source of CAMP basaltic dykes from southeastern North America. <i>Earth and Planetary Science Letters</i> , 2013, 376, 186-199.	1.8	66
53	The Eldivan ophiolite and volcanic rocks in the $\ddot{A}$ zmir $\ddot{A}$ Ankara $\ddot{A}$ Erzincan suture zone, Northern Turkey: Geochronology, whole-rock geochemical and Nd $\ddot{A}$ Sr $\ddot{A}$ Pb isotope characteristics. <i>Lithos</i> , 2013, 172-173, 31-46.	0.6	47
54	Latest Triassic marine Sr isotopic variations, possible causes and implications. <i>Terra Nova</i> , 2012, 24, 130-135.	0.9	44

#	ARTICLE	IF	CITATIONS
55	Evidence for extreme fractionation of peralkaline silicic magmas, the Boseti volcanic complex, Main Ethiopian Rift. <i>Mineralogy and Petrology</i> , 2012, 104, 163-175.	0.4	22
56	First crystal-structure determination of olivine in diamond: Composition and implications for provenance in the Earth's mantle. <i>Earth and Planetary Science Letters</i> , 2011, 305, 249-255.	1.8	71
57	Early-Middle Jurassic intra-oceanic subduction in the Zmir-Ankara-Erzincan Ocean, Northern Turkey. <i>Tectonophysics</i> , 2011, 509, 120-134.	0.9	125
58	$^{40}\text{Ar}/^{39}\text{Ar}$ ages and Sr-Nd-Pb-Os geochemistry of CAMP tholeiites from Western Maranhão basin (NE Brazil). <i>Earth and Planetary Science Letters</i> , 2011, 305, 249-255.	0.6	108
59	Timing and duration of the Central Atlantic magmatic province in the Newark and Culpeper basins, eastern U.S.A.. <i>Lithos</i> , 2011, 122, 175-188.	0.6	132
60	Morphology, internal architecture and emplacement mechanisms of lava flows from the Central Atlantic Magmatic Province (CAMP) of Argana Basin (Morocco). <i>Geological Society Special Publication</i> , 2011, 357, 167-193.	0.8	25
61	Petrogenesis of a basalt-comendite-pantellerite rock suite: the Boseti Volcanic Complex (Main Ethiopian Rift). <i>Journal of Petrology</i> , 2011, 52, 107-134.	0.4	58
62	Permo-Paleogene magmatism in the eastern Alps. <i>Rendiconti Lincei</i> , 2010, 21, 51-71.	1.0	27
63	Evidence of multi-phase Cretaceous to Quaternary alkaline magmatism on the Madeira Rise and neighbouring seamounts from $^{40}\text{Ar}/^{39}\text{Ar}$ ages. <i>Journal of the Geological Society</i> , 2009, 166, 879-894.	0.9	45
64	$^{40}\text{Ar}/^{39}\text{Ar}$ ages of CAMP in North America: Implications for the Triassic-Jurassic boundary and the 40K decay constant bias. <i>Lithos</i> , 2009, 110, 167-180.	0.6	100
65	Latest Triassic onset of the Central Atlantic Magmatic Province (CAMP) volcanism in the Fundy Basin (Nova Scotia): New stratigraphic constraints. <i>Earth and Planetary Science Letters</i> , 2009, 286, 514-525.	1.8	97
66	Comment on "Synchrony between the Central Atlantic magmatic province and the Triassic-Jurassic mass-extinction event? By Whiteside et al. (2007)". <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 262, 189-193.	1.0	22
67	$^{40}\text{Ar}/^{39}\text{Ar}$ ages and duration of the Central Atlantic Magmatic Province volcanism in Morocco and Portugal and its relation to the Triassic-Jurassic boundary. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 244, 308-325.	1.0	171
68	Chronology of the Central Atlantic Magmatic Province: Implications for the Central Atlantic rifting processes and the Triassic-Jurassic biotic crisis. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 244, 326-344.	1.0	201
69	The origin of post-Paleozoic magmatism in eastern Paraguay. <i>Journal of Petrology</i> , 2007, 48, 603-633.		18
70	New $^{40}\text{Ar}/^{39}\text{Ar}$ , stratigraphic and palaeoclimatic data on the Isernia La Pineta Lower Palaeolithic site, Molise, Italy. <i>Quaternary International</i> , 2005, 131, 11-22.	0.7	141
71	Synchrony of the Central Atlantic magmatic province and the Triassic-Jurassic boundary climatic and biotic crisis. <i>Geology</i> , 2004, 32, 973.	2.0	300
72	Commentaire à la note de Christian Desreumaux et al. intitulée "Découverte de turbidites du Crétacé supérieur métamorphisées au contact d'intrusions d'ophites dans les Pyrénées occidentales (vallée de la Garonne)". <i>Journal of Petrology</i> , 2004, 45, 336, 171-172.		

#	ARTICLE	IF	CITATIONS
73	The Central Atlantic Magmatic Province at the Triassic–Jurassic boundary: paleomagnetic and $^{40}\text{Ar}/^{39}\text{Ar}$ evidence from Morocco for brief, episodic volcanism. <i>Earth and Planetary Science Letters</i> , 2004, 228, 143-160.	1.8	205
74	The tholeiitic dyke swarm of the Arraial do Cabo peninsula (SE Brazil): $^{39}\text{Ar}/^{40}\text{Ar}$ ages, petrogenesis, and regional significance. <i>Journal of South American Earth Sciences</i> , 2003, 16, 163-176.	0.6	28
75	The Central Atlantic Magmatic Province (CAMP) in Brazil: Petrology, geochemistry, $^{40}\text{Ar}/^{39}\text{Ar}$ ages, paleomagnetism and geodynamic implications. <i>Geophysical Monograph Series</i> , 2003, , 91-128.	0.1	30
76	The northernmost CAMP: $^{40}\text{Ar}/^{39}\text{Ar}$ age, petrology and Sr-Nd-Pb isotope geochemistry of the Kerforne dike, Brittany, France. <i>Geophysical Monograph Series</i> , 2003, , 209-226.	0.1	18
77	Ca-rich pyroxene from basic and silicic volcanic rocks from the Cameroon Volcanic Line (West-Africa): crystal chemistry and petrological relationships. <i>Mineralogy and Petrology</i> , 2000, 70, 73-88.	0.4	10
78	Clinopyroxene of spinel-peridotite mantle xenoliths from Lake Nji (Cameroon Volcanic Line, W Africa): crystal chemistry and petrological implications. <i>Contributions To Mineralogy and Petrology</i> , 2000, 139, 503-508.	1.2	34
79	The Cameroon Volcanic Line Revisited: Petrogenesis of Continental Basaltic Magmas from Lithospheric and Asthenospheric Mantle Sources. <i>Journal of Petrology</i> , 2000, 41, 87-109.	1.1	232
80	Silicic magmas from the continental Cameroon Volcanic Line (Oku, Bambouto and Ngaoundere): $^{40}\text{Ar}/^{39}\text{Ar}$ dates, petrology, Sr-Nd-O isotopes and their petrogenetic significance. <i>Contributions To Mineralogy and Petrology</i> , 1999, 135, 133-150.	1.2	114
81	Extensive 200-Million-Year-Old Continental Flood Basalts of the Central Atlantic Magmatic Province. <i>Science</i> , 1999, 284, 616-618.	6.0	743
82	Geochronology and petrology of Cretaceous basaltic magmatism in the Kwanza basin (western Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38 Geodynamics, 1999, 28, 341-356.	0.7	114
83	Neoproterozoic dyke swarms from southern Sinai (Egypt): geochemistry and petrogenetic aspects. <i>Journal of African Earth Sciences</i> , 1998, 26, 49-64.	0.9	21
84	Potassic and Sodic Igneous Rocks from Eastern Paraguay: their Origin from the Lithospheric Mantle and Genetic Relationships with the Associated Parana flood tholeiites. <i>Journal of Petrology</i> , 1997, 38, 495-528.	1.1	114
85	Mt Bambouto Volcano, Cameroon Line: Mantle Source and Differentiation of Within-plate Alkaline Rocks. <i>Journal of Petrology</i> , 0, , .	1.1	4
86	Trans-Amazon Drilling Project (TADP): origins and evolution of the forests, climate, and hydrology of the South American tropics. <i>Scientific Drilling</i> , 0, 20, 41-49.	1.0	11
87	The origin and P-T conditions of the metamorphic sole rocks beneath the Late Cretaceous PÄ±narbaÄŸÄ± Ophiolite, Eastern-Central Anatolia. <i>International Geology Review</i> , 0, , 1-21.	1.1	1