

# Anna Cipriani

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

2,144  
citations

236833

25  
h-index

233338

45  
g-index

63  
all docs

63  
docs citations

63  
times ranked

3052  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping global cropland and field size. <i>Global Change Biology</i> , 2015, 21, 1980-1992.	4.2	404
2	Discontinuous Melt Extraction and Weak Refertilization of Mantle Peridotites at the Vema Lithospheric Section (Mid-Atlantic Ridge). <i>Journal of Petrology</i> , 2006, 47, 745-771.	1.1	147
3	Building a hybrid land cover map with crowdsourcing and geographically weighted regression. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2015, 103, 48-56.	4.9	117
4	Mantle thermal pulses below the Mid-Atlantic Ridge and temporal variations in the formation of oceanic lithosphere. <i>Nature</i> , 2003, 423, 499-505.	13.7	107
5	Birth of an ocean in the Red Sea: Initial pangs. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	1.0	78
6	Oceanic crust generated by elusive parents: Sr and Nd isotopes in basalt-peridotite pairs from the Mid-Atlantic Ridge. <i>Geology</i> , 2004, 32, 657.	2.0	75
7	Flexural uplift of a lithospheric slab near the Vema transform (Central Atlantic): Timing and mechanisms. <i>Earth and Planetary Science Letters</i> , 2005, 240, 642-655.	1.8	69
8	Serpentinization of mantle peridotites along an uplifted lithospheric section, Mid Atlantic Ridge at 11Å°. <i>N. Lithos</i> , 2013, 178, 3-23.	0.6	64
9	Birth of an ocean in the Red Sea: Oceanic-type basaltic melt intrusions precede continental rapture. <i>Gondwana Research</i> , 2018, 54, 150-160.	3.0	52
10	Water-rich basalts at mid-ocean-ridge cold spots. <i>Nature</i> , 2005, 434, 66-69.	13.7	51
11	Initial burst of oceanic crust accretion in the Red Sea due to edge-driven mantle convection. <i>Geology</i> , 2011, 39, 1019-1022.	2.0	51
12	In situ high spatial resolution 87 Sr/ 86 Sr ratio determination of two Middle Pleistocene (c.a. 580 ka) <i>Stephanorhinus hundsheimensis</i> teeth by LA-ICP-MS. <i>International Journal of Mass Spectrometry</i> , 2017, 412, 38-48.	0.7	51
13	Calcium Carbonate and Phosphate Reference Materials for Monitoring Bulk and Microanalytical Determination of Sr Isotopes. <i>Geostandards and Geoanalytical Research</i> , 2018, 42, 77-89.	1.7	48
14	A global reference database of crowdsourced cropland data collected using the Geo-Wiki platform. <i>Scientific Data</i> , 2017, 4, 170136.	2.4	46
15	Thermal effects of pyroxenites on mantle melting below mid-ocean ridges. <i>Nature Geoscience</i> , 2018, 11, 520-525.	5.4	46
16	Pyroxenite Layers in the Northern Apenninesâ€™ Upper Mantle (Italy)â€™ Generation by Pyroxenite Melting and Melt Infiltration. <i>Journal of Petrology</i> , 2016, 57, 625-653.	1.1	41
17	Meter-scale Nd isotopic heterogeneity in pyroxenite-bearing Ligurian peridotites encompasses global-scale upper mantle variability. <i>Geology</i> , 2013, 41, 1055-1058.	2.0	38
18	Enamel peptides reveal the sex of the Late Antique â€™Lovers of Modenaâ€™. <i>Scientific Reports</i> , 2019, 9, 13130.	1.6	37

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19	26-million years of mantle upwelling below a segment of the Mid Atlantic Ridge: The Vema Lithospheric Section revisited. <i>Earth and Planetary Science Letters</i> , 2009, 285, 87-95.	1.8	35
20	Downgrading Recent Estimates of Land Available for Biofuel Production. <i>Environmental Science &amp; Technology</i> , 2013, 47, 130128103203003.	4.6	34
21	Strontium and stable isotope evidence of human mobility strategies across the Last Glacial Maximum in southern Italy. <i>Nature Ecology and Evolution</i> , 2019, 3, 905-911.	3.4	34
22	Early life of Neanderthals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28719-28726.	3.3	34
23	Suspected limited mobility of a Middle Pleistocene woman from Southern Italy: strontium isotopes of a human deciduous tooth. <i>Scientific Reports</i> , 2017, 7, 8615.	1.6	30
24	A deep fluid source of radiogenic Sr and highly dynamic seepage conditions recorded in Miocene seep carbonates of the northern Apennines (Italy). <i>Chemical Geology</i> , 2019, 522, 135-147.	1.4	30
25	Nonvolcanic tectonic islands in ancient and modern oceans. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 4698-4717.	1.0	28
26	Cyclical variations of fluid sources and stress state in a shallow megathrust-zone margin. <i>Journal of the Geological Society</i> , 2020, 177, 647-659.	0.9	27
27	Mantle peridotites from the Bouvet Triple Junction Region, South Atlantic. <i>Terra Nova</i> , 2003, 15, 194-203.	0.9	26
28	Nonchondritic <sup>142</sup> Nd in suboceanic mantle peridotites. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, .	1.0	23
29	A strontium isoscape of Italy for provenance studies. <i>Chemical Geology</i> , 2022, 587, 120624.	1.4	23
30	A 19 to 17 Ma amagmatic extension event at the Mid-Atlantic Ridge: Ultramafic mylonites from the Vema Lithospheric Section. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	1.0	19
31	The Dağpazarı carbonate platform (Mut Basin, Southern Turkey): Facies and environmental reconstruction of a coral reef system during the Middle Miocene Climatic Optimum. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 410, 213-232.	1.0	19
32	Signatures of Residual Melts, Magmatic and Seawater-Derived Fluids in Oceanic Lower-Crust Gabbro from the Vema Lithospheric Section, Central Atlantic. <i>Journal of Petrology</i> , 2015, 56, 1069-1088.	1.1	18
33	Unravelling biocultural population structure in 4th/3rd century BC Monterenzio Vecchio (Bologna), Tj ETQq1 1 0.784314 rgBT /Overl... practices. <i>PLoS ONE</i> , 2018, 13, e0193796.	1.1	18
34	C <sup>4</sup> Plant Foraging in Northern Italy: Stable Isotopes, Sr/Ca and Ba/Ca Data of Human Osteological Samples from Roccapelago (16th–18th Centuries AD). <i>Archaeometry</i> , 2017, 59, 1119-1134.	0.6	17
35	Transhumance pastoralism of Roccapelago (Modena, Italy) early-modern individuals: Inferences from Sr isotopes of hair strands. <i>American Journal of Physical Anthropology</i> , 2018, 167, 470-483.	2.1	17
36	The Red Sea: Birth of an Ocean. <i>Springer Earth System Sciences</i> , 2015, , 29-44.	0.1	16

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37	Constraining the onset of flexural subsidence and peripheral bulge extension in the Miocene foreland of the southern Apennines (Italy) by Sr-isotope stratigraphy. <i>Sedimentary Geology</i> , 2020, 401, 105634.	1.0	14
38	Isotopic constraints on contamination processes in the Tonian Goiás Stratiform Complex. <i>Lithos</i> , 2018, 310-311, 136-152.	0.6	13
39	Forebulge migration in the foreland basin system of the central-southern Apennine fold-thrust belt (Italy): New high-resolution Sr-isotope dating constraints. <i>Basin Research</i> , 2021, 33, 2817-2836.	1.3	12
40	Occurrence of phlogopite in the Finero Mafic layered complex. <i>Open Geosciences</i> , 2014, 6, 588-613.	0.6	11
41	Origin of oceanic ferrodiorites by injection of nelsonitic melts in gabbros at the Vema Lithospheric Section, Mid Atlantic Ridge. <i>Lithos</i> , 2020, 368-369, 105589.	0.6	11
42	Backdating systematic shell ornament making in Europe to 45,000 years ago. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	0.7	11
43	Testing miniaturized extraction chromatography protocols for combined $^{87}\text{Sr}/^{86}\text{Sr}$ and $^{88}\text{Sr}/^{86}\text{Sr}$ analyses of pore water by MC-ICP-MS. <i>Limnology and Oceanography: Methods</i> , 2021, 19, 431-440.	1.0	11
44	Origin of the DUPAL anomaly in mantle xenoliths of Patagonia (Argentina) and geodynamic consequences. <i>Lithos</i> , 2016, 248-251, 257-271.	0.6	9
45	New U-Pb SHRIMP-II zircon intrusion ages of the Cana Brava and Barro Alto layered complexes, central Brazil: constraints on the genesis and evolution of the Tonian Goiás Stratiform Complex. <i>Lithos</i> , 2017, 282-283, 339-357.	0.6	9
46	Timing of transverse ridge uplift along the Vema transform (Central Atlantic). <i>Marine Geology</i> , 2017, 385, 228-232.	0.9	8
47	Fast offline data reduction of laser ablation MC-ICP-MS Sr isotope measurements via an interactive Excel-based spreadsheet "SrDR"™. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 852-862.	1.6	8
48	High H <sub>2</sub> O Content in Pyroxenes of Residual Mantle Peridotites at a Mid Atlantic Ridge Segment. <i>Scientific Reports</i> , 2020, 10, 579.	1.6	8
49	Enriched Hf Nd isotopic signature of veined pyroxenite-infiltrated peridotite as a possible source for E-MORB. <i>Chemical Geology</i> , 2021, 586, 120591.	1.4	7
50	Palaeoenvironmental setting and depositional model of upper Messinian microbialites of the Salento Peninsula (Southern Italy): A central Mediterranean Terminal Carbonate Complex. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 595, 110970.	1.0	7
51	Postmelting hydrogen enrichment in the oceanic lithosphere. <i>Science Advances</i> , 2021, 7, .	4.7	6
52	Strontium isotope stratigraphy of late Cenozoic fossiliferous marine deposits in North Borneo (Brunei, and Sarawak, Malaysia). <i>Journal of Asian Earth Sciences</i> , 2022, 231, 105213.	1.0	6
53	Open-closed-open palaeofluid system conditions recorded in the tectonic vein networks of the Parmelan anticline (Bornes Massif, France). <i>Journal of the Geological Society</i> , 2022, 179, .	0.9	4
54	Commentary on "Analyses of human dentine and tooth enamel by laser ablation-inductively coupled plasma-mass spectrometry (LA-ICP-MS) to study the diet of medieval Muslim individuals from Tauste (Spain)" by Guede et al. 2017, <i>Microchemical Journal</i> 130, 287-294. <i>Microchemical Journal</i> , 2017, 133, 67-69.	2.3	3

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55	Comment on: metals in bones of the middle-aged inhabitants of Sardinia island (Italy) to assess nutrition and environmental exposure [Bocca et al. (2018), Environ Sci Pollut Res]. Environmental Science and Pollution Research, 2018, 25, 33827-33831.	2.7	3
56	Geochemistry of recent and fossil brachiopod calcite of <i>Megathiris detruncata</i> (Terebratulida), Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 2020, 533, 119335.	1.4	3
57	Insights on the Origin of Vitrified Rocks from Serravuda, Acri (Italy): Rock Fulgurite or Anthropogenic Activity?. Geosciences (Switzerland), 2021, 11, 493.	1.0	3
58	Investigation of the Andrew Bain transform fault zone (African-Antarctic region). Doklady Earth Sciences, 2007, 416, 991-994.	0.2	2
59	Terrestrial target and melting site of Libyan Desert Glass: New evidence from trace elements and Sr isotopes. Meteoritics and Planetary Science, 2020, 55, .	0.7	2
60	Peopling dynamics in the Mediterranean area between 45 and 39 ky ago: State of art and new data. Quaternary International, 2020, 551, 1-6.	0.7	1
61	Mantle heterogeneities produced by open-system melting and melt/rock reactions in Patagonian extra-Andean backarc mantle (Paso de Indios, Argentina). Journal of South American Earth Sciences, 2021, 106, 103002.	0.6	1
62	Mantle Xenoliths from Huanul Volcano (Central-West Argentina): A Poorly Depleted Mantle Source under Southern Payenia. Geosciences (Switzerland), 2022, 12, 157.	1.0	1
63	High-Salinity Seawater-Derived Fluids and Lower-Crust Hydrothermal Mineralization at the Vema Lithospheric Section, Central Atlantic. Procedia Earth and Planetary Science, 2013, 7, 677-680.	0.6	0