

Paola Iacumin

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

2,361
citations

218662

26
h-index

206102

48
g-index

52
all docs

52
docs citations

52
times ranked

3732
citing authors

#	ARTICLE	IF	CITATIONS
1	Atmospheric nitrogen deposition promotes carbon loss from peat bogs. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 19386-19389.	7.1	367
2	Whole-Genome Shotgun Sequencing of Mitochondria from Ancient Hair Shafts. Science, 2007, 317, 1927-1930.	12.6	220
3	Nutritional constraints in ombrotrophic Sphagnum plants under increasing atmospheric nitrogen deposition in Europe. New Phytologist, 2004, 163, 609-616.	7.3	169
4	Nitrogen concentration and delta15N signature of ombrotrophic Sphagnum mosses at different N deposition levels in Europe. Global Change Biology, 2005, 11, 106-114.	9.5	164
5	Oxygen isotope variations of phosphate in mammalian bone and tooth enamel. Geochimica Et Cosmochimica Acta, 1995, 59, 4299-4305.	3.9	150
6	Intraspecific phylogenetic analysis of Siberian woolly mammoths using complete mitochondrial genomes. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 8327-8332.	7.1	149
7	Salt Waters of the Northern Apennine Foredeep Basin (Italy): Origin and Evolution. Aquatic Geochemistry, 2011, 17, 71-108.	1.3	83
8	Monitoring temporal trends of air pollution in an urban area using mosses and lichens as biomonitors. Chemosphere, 2014, 108, 388-395.	8.2	71
9	Nitrogen deposition interacts with climate in affecting production and decomposition rates in Sphagnum mosses. Global Change Biology, 2007, 13, 1810-1821.	9.5	70
10	Fish and salt: The successful recipe of White Nile Mesolithic hunter-gatherer-fishers. Journal of Archaeological Science, 2018, 92, 48-62.	2.4	56
11	Advanced snowmelt affects vegetative growth and sexual reproduction of <i>Vaccinium myrtillus</i> in a subalpine heath. Journal of Vegetation Science, 2013, 24, 569-579.	2.2	47
12	Relationship between $\delta^{18}O$ values for skeletal apatite from reindeer and foxes and yearly mean $\delta^{18}O$ values of environmental water. Earth and Planetary Science Letters, 2002, 201, 213-219.	4.4	44
13	First carbon isotope chemostratigraphy of the Ouled Abdoun phosphate Basin, Morocco; implications for dating and evolution of earliest African placental mammals. Gondwana Research, 2014, 25, 257-269.	6.0	40
14	$C^{4\delta}$ consumers in southern Europe: The case of Friuli V.G. (NE Italy) during early and central middle ages. American Journal of Physical Anthropology, 2014, 154, 561-574.	2.1	38
15	Continuous-flow $\delta^{18}O$ measurements: new approach to standardization, high-temperature thermodynamic and sulfate analysis. Rapid Communications in Mass Spectrometry, 2005, 19, 3007-3014.	1.5	36
16	Climatic factors influencing the isotope composition of Italian olive oils and geographic characterisation. Rapid Communications in Mass Spectrometry, 2009, 23, 448-454.	1.5	35
17	High-resolution $\delta^{18}O$ analysis of tooth enamel phosphate by isotope ratio monitoring gas chromatography mass spectrometry and ultraviolet laser fluorination. Chemical Geology, 1999, 153, 241-248.	3.3	34
18	Biogeochemical data from well preserved 200 ka collagen and skeletal remains. Earth and Planetary Science Letters, 2001, 193, 143-149.	4.4	34

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19	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.	7.8	34
20	Stable isotope analyses of mammal skeletal remains of Holocene age from European Russia: A way to trace dietary and environmental changes. <i>Geobios</i> , 2004, 37, 37-47.	1.4	33
21	Differential effects of soil chemistry on the foliar resorption of nitrogen and phosphorus across altitudinal gradients. <i>Functional Ecology</i> , 2019, 33, 1351-1361.	3.6	32
22	A stable isotope study of fossil mammal remains from the Paglicci cave, southern Italy, 13 to 33 ka BP: palaeoclimatological considerations. <i>Chemical Geology</i> , 1997, 141, 211-223.	3.3	31
23	Stable isotope study on ancient populations of central sudan: Insights on their diet and environment. <i>American Journal of Physical Anthropology</i> , 2016, 160, 498-518.	2.1	31
24	Isotope analyses to explore diet and mobility in a medieval Muslim population at Tauste (NE Spain). <i>PLoS ONE</i> , 2017, 12, e0176572.	2.5	31
25	Modern reindeer and mice: revised phosphate-water isotope equations. <i>Earth and Planetary Science Letters</i> , 2003, 214, 491-498.	4.4	28
26	The Palaeocene/Eocene boundary section at Zumaia (Basque Cantabric Basin) revisited: new insights from high-resolution magnetic susceptibility and carbon isotope chemostratigraphy on organic matter ($\delta^{13}C_{org}$). <i>Terra Nova</i> , 2012, 24, 310-317.	2.1	28
27	Cycles of humid-dry climate conditions around the P/E boundary: new stable isotope data from terrestrial organic matter in Vasterival section (NW France). <i>Terra Nova</i> , 2012, 24, 114-122.	2.1	28
28	Short term changes in pore water chemistry in river sediments during the early colonization by <i>Vallisneria spiralis</i> . <i>Hydrobiologia</i> , 2010, 652, 127-137.	2.0	25
29	Seasonal variation in nitrogen isotopic composition of bog plant litter during 3 years of field decomposition. <i>Biology and Fertility of Soils</i> , 2010, 46, 877-881.	4.3	23
30	$\delta^{18}O$ of carbonate, quartz and phosphate from belemnite guards: implications for the isotopic record of old fossils and the isotopic composition of ancient seawater. <i>Earth and Planetary Science Letters</i> , 2002, 203, 445-459.	4.4	20
31	A new terrestrial vertebrate site just after the Paleocene-Eocene boundary in the Mortemer Formation of Upper Normandy, France. <i>Comptes Rendus - Palevol</i> , 2011, 10, 11-20.	0.2	19
32	Groundwater characterization from an ecological and human perspective: an interdisciplinary approach in the Functional Urban Area of Parma, Italy. <i>Rendiconti Lincei</i> , 2019, 30, 93-108.	2.2	18
33	Seasonal variation in carbon isotopic composition of bog plant litter during 3 years of field decomposition. <i>Biology and Fertility of Soils</i> , 2009, 46, 73-77.	4.3	17
34	Application of a multidisciplinary approach for the evaluation of traceability of extra virgin olive oil. <i>European Journal of Lipid Science and Technology</i> , 2011, 113, 1509-1519.	1.5	17
35	Oxygen, Hydrogen, Boron and Lithium Isotope Data of a Natural Spring Water with an Extreme Composition: A Fluid from the Dehydrating Slab?. <i>Aquatic Geochemistry</i> , 2017, 23, 299-313.	1.3	17
36	Strontium and oxygen isotopes as indicators of Longobards mobility in Italy: an investigation at Povegliano Veronese. <i>Scientific Reports</i> , 2020, 10, 11678.	3.3	17

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37	Persistence of meromixis and its effects on redox conditions and trophic status in Lake Idro (Southern Alps, Italy). <i>Hydrobiologia</i> , 2018, 824, 51-69.	2.0	16
38	Bedrock geology interacts with altitude in affecting leaf growth and foliar nutrient status of mountain vascular plants. <i>Journal of Plant Ecology</i> , 0, , rtw092.	2.3	13
39	Chemical and isotope composition of the oilfield brines from Mishrif Formation (southern Iraq): Diagenesis and geothermometry. <i>Marine and Petroleum Geology</i> , 2020, 122, 104637.	3.3	12
40	An oxygen isotope study of silicates in the larderello geothermal field, Italy. <i>Geothermics</i> , 1994, 23, 327-337.	3.4	10
41	Integrated bio-chemostratigraphical correlations and climatic evolution across the Danian-Selandian boundary at low latitudes. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 414, 212-224.	2.3	10
42	Isotope partitioning between cow milk and farm water: A tool for verification of milk provenance. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9160.	1.5	8
43	Unraveling the Paleocene-Eocene thermal maximum in shallow marine Tethyan environments: the Tunisian stratigraphic record. <i>Newsletters on Stratigraphy</i> , 2013, 46, 69-91.	1.2	7
44	Bedrock geology affects foliar nutrient status but has minor influence on leaf carbon isotope discrimination across altitudinal gradients. <i>PLoS ONE</i> , 2018, 13, e0202810.	2.5	7
45	Coupled Microbiological-Isotopic Approach for Studying Hydrodynamics in Deep Reservoirs: The Case of the Val d'Agri Oilfield (Southern Italy). <i>Water (Switzerland)</i> , 2020, 12, 1483.	2.7	7
46	Glass-working evidences at Durrës, Albania: An archaeological and archaeometric study. <i>Journal of Cultural Heritage</i> , 2008, 9, e33-e36.	3.3	5
47	Plant Regeneration Above the Species Elevational Leading Edge: Trade-Off Between Seedling Recruitment and Plant Production. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	4
48	How do turbidite systems behave from the hydrogeological point of view? New insights and open questions coming from an interdisciplinary work in southern Italy. <i>PLoS ONE</i> , 2022, 17, e0268252.	2.5	3
49	Animal husbandry at Arslantepe from the 5TH to the 1ST millennium BCE: An isotope approach. <i>Quaternary International</i> , 2021, 574, 102-115.	1.5	2
50	Stable oxygen isotopes in water of concentrated liquid foodstuffs: Are the commonly determined values accurate?. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1751-1754.	1.5	1
51	Comments on and re-evaluation of the paper "18O/16O ratio measurements of inorganic and organic materials by elemental analysis-pyrolysis-isotope ratio mass spectrometry continuous-flow techniques" by Fourel et al.: <i>Rapid Commun Mass Spectrom.</i> 2011;25:269. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1169-1171.	1.5	0
52	Relative importance of site selection and aftercare for successful reintroduction of the policy species <i>Kosteletzkya pentacarpos</i> . <i>Plant Biosystems</i> , 2023, 157, 80-88.	1.6	0