

Federico Lugli

List of Publications by Year in descending order

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55
papers

854
citations

471061

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times ranked

1055
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ high spatial resolution 87 Sr/ 86 Sr ratio determination of two Middle Pleistocene (c.a. 580 ka) Stephanorhinus hundsheimensis teeth by LA-ICP-MS. International Journal of Mass Spectrometry, 2017, 412, 38-48.	0.7	51
2	Calcium Carbonate and Phosphate Reference Materials for Monitoring Bulk and Microanalytical Determination of Sr Isotopes. Geostandards and Geoanalytical Research, 2018, 42, 77-89.	1.7	48
3	Nano-Powdered Calcium Carbonate Reference Materials: Significant Progress for Microanalysis?. Geostandards and Geoanalytical Research, 2019, 43, 595-609.	1.7	41
4	Enamel peptides reveal the sex of the Late Antique "Lovers of Modena". Scientific Reports, 2019, 9, 13130.	1.6	37
5	Strontium and stable isotope evidence of human mobility strategies across the Last Glacial Maximum in southern Italy. Nature Ecology and Evolution, 2019, 3, 905-911.	3.4	34
6	Early life of Neanderthals. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 28719-28726.	3.3	34
7	An overview of Alpine and Mediterranean palaeogeography, terrestrial ecosystems and climate history during MIS 3 with focus on the Middle to Upper Palaeolithic transition. Quaternary International, 2020, 551, 7-28.	0.7	33
8	Evidence of warm and humid interstadials in central Europe during early MIS 3 revealed by a multi-proxy speleothem record. Quaternary Science Reviews, 2018, 200, 276-286.	1.4	31
9	Suspected limited mobility of a Middle Pleistocene woman from Southern Italy: strontium isotopes of a human deciduous tooth. Scientific Reports, 2017, 7, 8615.	1.6	30
10	A deep fluid source of radiogenic Sr and highly dynamic seepage conditions recorded in Miocene seep carbonates of the northern Apennines (Italy). Chemical Geology, 2019, 522, 135-147.	1.4	30
11	Lithic techno-complexes in Italy from 50 to 39 thousand years BP: An overview of lithic technological changes across the Middle-Upper Palaeolithic boundary. Quaternary International, 2020, 551, 123-149.	0.7	28
12	Bone tools, ornaments and other unusual objects during the Middle to Upper Palaeolithic transition in Italy. Quaternary International, 2020, 551, 169-187.	0.7	27
13	Cyclical variations of fluid sources and stress state in a shallow megathrust-zone margin. Journal of the Geological Society, 2020, 177, 647-659.	0.9	27
14	MapIT!: a simple and user-friendly MATLAB script to elaborate elemental distribution images from LA-ICP-MS data. Journal of Analytical Atomic Spectrometry, 2017, 32, 1035-1043.	1.6	24
15	A strontium isoscape of Italy for provenance studies. Chemical Geology, 2022, 587, 120624.	1.4	23
16	Macromammal and bird assemblages across the late Middle to Upper Palaeolithic transition in Italy: an extended zooarchaeological review. Quaternary International, 2020, 551, 188-223.	0.7	21
17	Exploring late Paleolithic and Mesolithic diet in the Eastern Alpine region of Italy through multiple proxies. American Journal of Physical Anthropology, 2021, 174, 232-253.	2.1	18
18	Unravelling biocultural population structure in 4th/3rd century BC Monterenzio Vecchio (Bologna), Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 practices. PLoS ONE, 2018, 13, e0193796.	1.1	18

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19	C ⁴ 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
20	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
21	Refining the Uluzzian through a new lithic assemblage from Rocca San Sebastiano (Mondragone, Tj ETQq1 1 0.784314 rgBT/Overlo	0.7	17
22	Early Alpine occupation backdates westward human migration in Late Glacial Europe. <i>Current Biology</i> , 2021, 31, 2484-2493.e7.	1.8	17
23	Human mobility in a Bronze Age Vatya urnfield™ and the life history of a high-status woman. <i>PLoS ONE</i> , 2021, 16, e0254360.	1.1	17
24	NanoSr – A New Carbonate Microanalytical Reference Material for <i>In Situ</i> Strontium Isotope Analysis. <i>Geostandards and Geoanalytical Research</i> , 2020, 44, 69-83.	1.7	16
25	A late Neanderthal tooth from northeastern Italy. <i>Journal of Human Evolution</i> , 2020, 147, 102867.	1.3	14
26	Isotopic constraints on contamination processes in the Tonian Goiás Stratiform Complex. <i>Lithos</i> , 2018, 310-311, 136-152.	0.6	13
27	A new miniaturised short-wave infrared (SWIR) spectrometer for on-site cultural heritage investigations. <i>Talanta</i> , 2020, 218, 121112.	2.9	13
28	Strontium Uptake and Intra-Population ⁸⁷ Sr/ ⁸⁶ Sr Variability of Bones and Teeth – Controlled Feeding Experiments With Rodents (<i>Rattus norvegicus</i> , <i>Cavia porcellus</i>). <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	11
29	Between the hammerstone and the anvil: bipolar knapping and other percussive activities in the late Mousterian and the Uluzzian of Grotta di Castelcivita (Italy). <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	0.7	11
30	Backdating systematic shell ornament making in Europe to 45,000 years ago. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	0.7	11
31	Testing miniaturized extraction chromatography protocols for combined ⁸⁷ Sr/ ⁸⁶ Sr and ⁸⁸ Sr/ ⁸⁶ Sr analyses of pore water by MC-ICP-MS. <i>Limnology and Oceanography: Methods</i> , 2021, 19, 431-440.	1.0	11
32	An infant burial from Arma Veirana in northwestern Italy provides insights into funerary practices and female personhood in early Mesolithic Europe. <i>Scientific Reports</i> , 2021, 11, 23735.	1.6	11
33	Geochemical analyses suggest stratigraphic origin and late Miocene age of reworked vertebrate remains from Penanjong Beach in Brunei Darussalam (Borneo). <i>Historical Biology</i> , 2021, 33, 2627-2638.	0.7	9
34	The Hf-INATOR: A free data reduction spreadsheet for Lu/Hf isotope analysis. <i>Earth Science Informatics</i> , 2017, 10, 517-523.	1.6	8
35	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
36	In situ Sr isotope analysis of mantle carbonates: Constraints on the evolution and sources of metasomatic carbon-bearing fluids in a paleo-collisional setting. <i>Lithos</i> , 2020, 354-355, 105334.	0.6	7

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37	The fast-acting "pulse" of Heinrich Stadial 3 in a mid-latitude boreal ecosystem. <i>Scientific Reports</i> , 2020, 10, 18031.	1.6	7
38	Integrated multidisciplinary ecological analysis from the Uluzzian settlement at the Uluzzo C Rock Shelter, south-eastern Italy. <i>Journal of Quaternary Science</i> , 2022, 37, 235-256.	1.1	7
39	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
40	New Calcium Carbonate Nano-particulate Pressed Powder Pellet (NFHS-2-NP) for LA-ICP-OES, LA-(MC)-ICP-MS and μ XRF. <i>Geostandards and Geoanalytical Research</i> , 2022, 46, 411-432.	1.7	6
41	p-XRF analysis of multi-period Impasto and Cooking Pot wares from the excavations at Stromboli-San Vincenzo, Aeolian Islands, Italy. <i>Science and Technology of Archaeological Research</i> , 2017, 3, 326-333.	2.4	5
42	Combining elemental and immunochemical analyses to characterize diagenetic alteration patterns in ancient skeletal remains. <i>Scientific Reports</i> , 2022, 12, 5112.	1.6	5
43	Accurate Sr isotope determination of human bone and tooth samples by LA-MC-ICP-MS: A comment on "Meijer et al., (2019)". <i>International Journal of Osteoarchaeology</i> , 2019, 29, 1109-1111.	0.6	4
44	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
45	Tracing the mobility of a Late Epigravettian (~13ka) male infant from Grotte di Pradis (Northeastern Italy). <i>Journal of Archaeological Science: Reports</i> , 2021, 41, 102625.	1.1	4
46	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
47	Comment on: metals in bones of the middle-aged inhabitants of Sardinia island (Italy) to assess nutrition and environmental exposure [Bocca et al. (2018), <i>Environ Sci Pollut Res</i>]. <i>Environmental Science and Pollution Research</i> , 2018, 25, 33827-33831.	2.7	3
48	Sex-related morbidity and mortality in non-adult individuals from the Early Medieval site of Valdaro (Italy): the contribution of dental enamel peptide analysis. <i>Journal of Archaeological Science: Reports</i> , 2020, 34, 102625.	0.2	3
49	Effects of biogenerated ferric hydroxides nanoparticles on truffle mycorrhized plants. <i>Mycorrhiza</i> , 2020, 30, 211-219.	1.3	3
50	Insights on the Origin of Vitriified Rocks from Serravuda, Acri (Italy): Rock Fulgurite or Anthropogenic Activity?. <i>Geosciences (Switzerland)</i> , 2021, 11, 493.	1.0	3
51	Terrestrial target and melting site of Libyan Desert Glass: New evidence from trace elements and Sr isotopes. <i>Meteoritics and Planetary Science</i> , 2020, 55, .	0.7	2
52	Peopling dynamics in the Mediterranean area between 45 and 39 ky ago: State of art and new data. <i>Quaternary International</i> , 2020, 551, 1-6.	0.7	1
53	Biological sex VS. Archaeological Gender: Enamel peptide analysis of the horsemen of the Early Middle age necropolises of Campochiaro (Molise, Italy). <i>Journal of Archaeological Science: Reports</i> , 2022, 41, 103337.	0.2	1
54	High-accuracy methodology for the integrative restoration of archaeological teeth by using reverse engineering techniques and rapid prototyping. <i>Journal of Archaeological Science: Reports</i> , 2022, 44, 103511.	0.2	0

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55	Unusual Luminescence of Quartz from La Sassa, Tuscany: Insights on the Crystal and Defect Nanostructure of Quartz Further Developments. Minerals (Basel, Switzerland), 2022, 12, 828.	0.8	0