Mariaelena Fedi

List of Publications by Year
in descending order

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24 papers	327 citations	840776 11 h-index	839539 18 g-index
26 all docs	26 docs citations	26 times ranked	552 citing authors

#	Article	IF	Citations
1	Performance of innovative nanomaterials for bone remains consolidation and effect on 14C dating and on palaeogenetic analysis. Scientific Reports, 2022, 12, 6975.	3.3	3
2	How a small accelerator can be useful for interdisciplinary applications part II: cultural heritage studies. European Physical Journal Plus, 2021, 136, 1.	2.6	2
3	The first evidence for Late Pleistocene dogs in Italy. Scientific Reports, 2020, 10, 13313.	3.3	21
4	DIRECT RADIOCARBON DATING OF CHARCOAL-BASED INK IN PAPYRI: A FEASIBILITY STUDY. Radiocarbon, 2020, 62, 1707-1714.	1.8	3
5	Characterization of the Chloroform-Based Pretreatment Method for ¹⁴C Dating of Restored Wooden Samples. Radiocarbon, 2017, 59, 757-764.	1.8	9
6	Enzymatic laundry for old clothes: immobilized alpha-amylase from Bacillus sp. for the biocleaning of an ancient Coptic tunic. Applied Microbiology and Biotechnology, 2017, 101, 7041-7052.	3.6	18
7	Middle paleolithic human deciduous incisor from Grotta del Cavallo, Italy. American Journal of Physical Anthropology, 2016, 161, 506-512.	2.1	14
8	Lacustrine Facies In Response To Millennial-Century-Scale Climate Changes (Lake Hayk, Northern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.6	6
9	Palynological investigation of a Late Quaternary calcareous tufa and travertine deposit: the case study of Bagnoli in the Valdelsa Basin (Tuscany, central Italy). Review of Palaeobotany and Palynology, 2015, 218, 184-197.	1.5	14
10	Environmental changes at the inner sector of RÃa de Muros (NW Spain) during Middle to Late Holocene. Estuarine, Coastal and Shelf Science, 2014, 136, 91-101.	2.1	8
11	Discovering forgeries of modern art by the 14C Bomb Peak. European Physical Journal Plus, 2014, 129, 1.	2.6	40
12	May 14C be used to date contemporary art?. Nuclear Instruments & Methods in Physics Research B, 2013, 294, 662-665.	1.4	18
13	Status of Sample Combustion and Graphitization Lines at INFN-LABEC, Florence. Radiocarbon, 2013, 55, .	1.8	5
14	Shoreline fluctuations of Lake Hayk (northern Ethiopia) during the last 3500years: Geomorphological, sedimentary, and isotope records. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 365-366, 209-226.	2.3	22
15	Palaeoenvironmental signals in ancient urban setting: The heavy rainfall record in Sumhuram, a pre-Islamic archaeological site of Dhofar (S Oman). Holocene, 2011, 21, 951-965.	1.7	9
16	ACCELERATOR MASS SPECTROMETRY. Nuclear Instruments & Methods in Physics Research B, 2010, 268, iii.	1.4	3
17	New radiocarbon data to study the history of roman and medieval Florence. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 1034-1037.	1.4	2
18	The 14C AMS facility at LABEC, Florence. Nuclear Instruments & Methods in Physics Research B, 2007, 259, 18-22.	1.4	67

#	Article	IF	Citations
19	External Micro-PIXE Measurements: Preliminary Results on Volcanic Rocks from Nyiragongo Volcano. Mikrochimica Acta, 2006, 155, 263-267.	5.0	2
20	Micro-PIXE Analysis of Monazite from the Dora Maira Massif, Western Italian Alps. Mikrochimica Acta, 2006, 155, 305-311.	5.0	21
21	Combined micro-PIXE facility and monochromatic cathodoluminescence spectroscopy applied to colored minerals of natural stones: an example from amazonite. X-Ray Spectrometry, 2005, 34, 345-349.	1.4	12
22	Chemical Investigation of Coloured Minerals in Natural Stones of Commercial Interest. Mikrochimica Acta, 2004, 145, 249-254.	5.0	7
23	The differential PIXE set-up at the Van de Graaff laboratory in Florence. Nuclear Instruments & Methods in Physics Research B, 2002, 189, 56-61.	1.4	18
24	Accelerator Mass Spectrometry for14C Dating. , 0, , 459-482.		3