

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	The 14C AMS facility at LABEC, Florence. Nuclear Instruments & Methods in Physics Research B, 2007, 259, 18-22.	1.4	67
2	Discovering forgeries of modern art by the 14C Bomb Peak. European Physical Journal Plus, 2014, 129, 1.	2.6	40
3	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
4	Micro-PIXE Analysis of Monazite from the Dora Maira Massif, Western Italian Alps. Mikrochimica Acta, 2006, 155, 305-311.	5.0	21
5	The first evidence for Late Pleistocene dogs in Italy. Scientific Reports, 2020, 10, 13313.	3.3	21
6	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
7	May 14C be used to date contemporary art?. Nuclear Instruments & Methods in Physics Research B, 2013, 294, 662-665.	1.4	18
8	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
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	Middle paleolithic human deciduous incisor from Grotta del Cavallo, Italy. American Journal of Physical Anthropology, 2016, 161, 506-512.	2.1	14
11	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
12	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
13	Characterization of the Chloroform-Based Pretreatment Method for ¹⁴ C Dating of Restored Wooden Samples. Radiocarbon, 2017, 59, 757-764.	1.8	9
14	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
15	Chemical Investigation of Coloured Minerals in Natural Stones of Commercial Interest. Mikrochimica Acta, 2004, 145, 249-254.	5.0	7
16	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
17	Status of Sample Combustion and Graphitization Lines at INFN-LABEC, Florence. Radiocarbon, 2013, 55, .	1.8	5
18	Accelerator Mass Spectrometry for ¹⁴ C Dating. , 0, , 459-482.		3

#	ARTICLE	IF	CITATIONS
19	ACCELERATOR MASS SPECTROMETRY. Nuclear Instruments & Methods in Physics Research B, 2010, 268, iii.	1.4	3
20	DIRECT RADIOCARBON DATING OF CHARCOAL-BASED INK IN PAPYRI: A FEASIBILITY STUDY. Radiocarbon, 2020, 62, 1707-1714.	1.8	3
21	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
22	External Micro-PIXE Measurements: Preliminary Results on Volcanic Rocks from Nyiragongo Volcano. Mikrochimica Acta, 2006, 155, 263-267.	5.0	2
23	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
24	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