

Francesco Paolo Romano

List of Publications by Year in descending order

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papers

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36
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36
docs citations

36
times ranked

742
citing authors

#	ARTICLE	IF	CITATIONS
1	Noninvasive Imaging and Spectroscopic Techniques Applied In Situ in Museums. , 2022, , 641-672.		0
2	IR Reflectography, Pulse-Compression Thermography, MA-XRF, and Radiography: A Full-Thickness Study of a 16th-Century Panel Painting Copy of Raphael. Journal of Imaging, 2022, 8, 150.	3.0	5
3	Costruzione del viadotto MA-XRF in the pictorial executive technique of Agostino Bosia. X-Ray Spectrometry, 2021, 50, 253-262.	1.4	6
4	Below the surface of the coffin lid of Neskhonsuennekhy in the Museo Egizio collection. X-Ray Spectrometry, 2021, 50, 279-292.	1.4	6
5	On the Titian's self-portrait mentioned by Vasari with technical analysis of an anonymous painting. Journal of Cultural Heritage, 2021, 47, 265-269.	3.3	1
6	Complementary MA-XRF and $\frac{1}{4}$ Raman results on two Leonardo da Vinci drawings. X-Ray Spectrometry, 2021, 50, 401-409.	1.4	5
7	MA-XRF and XRD analysis revealing a polychrome Centuripe vase. Journal of Archaeological Science: Reports, 2021, 35, 102760.	0.5	0
8	In situ macro X-ray fluorescence scanning on a Leonardo da Vinci portrait. X-Ray Spectrometry, 2021, 50, 332-340.	1.4	4
9	Macroscopic XRF imaging in unravelling polychromy on Mycenaean wall-paintings from the Palace of Nestor at Pylos. Journal of Archaeological Science: Reports, 2020, 29, 102079.	0.5	3
10	Macro X-ray fluorescence and VNIR hyperspectral imaging in the investigation of two panels by Marco d'Oggiono. Microchemical Journal, 2020, 154, 104541.	4.5	15
11	Determining old Chinese non-circulating paper money's authenticity using $\frac{1}{4}$ -Raman and MA-XRF spectroscopies. Journal of Cultural Heritage, 2020, 46, 140-147.	3.3	4
12	Scientific study of the bozzetto of Murillo's painting "Moses and the water from the rock of Horeb". Rendiconti Lincei, 2020, 31, 795-805.	2.2	0
13	New discoveries on Leonardo da Vinci drawings. Microchemical Journal, 2020, 157, 104844.	4.5	7
14	Study of two large-dimension Murillo's paintings by means of macro X-ray fluorescence imaging, point X-ray fluorescence analysis, and stratigraphic studies. X-Ray Spectrometry, 2019, 48, 482-489.	1.4	14
15	Preface to the special issue on: MA-XRF developments and applications of macro-XRF in conservation, art, and archeology (Trieste, Italy, 24 and 25 September 2017). X-Ray Spectrometry, 2019, 48, 249-250.	1.4	7
16	Real-time MA-XRF imaging spectroscopy of the Virgin with the Child painted by Antonello de Saliba in 1497. Microchemical Journal, 2018, 140, 96-104.	4.5	23
17	Real-time elemental imaging of large dimension paintings with a novel mobile macro X-ray fluorescence (MA-XRF) scanning technique. Journal of Analytical Atomic Spectrometry, 2017, 32, 773-781.	3.0	91
18	Micro X-ray Fluorescence Imaging in a Tabletop Full Field-X-ray Fluorescence Instrument and in a Full Field-Particle Induced X-ray Emission End Station. Analytical Chemistry, 2016, 88, 9873-9880.	6.5	23

#	ARTICLE	IF	CITATIONS
19	Identification of forgeries in historical enamels by combining the non-destructive scanning XRF imaging and alpha-PIXE portable techniques. <i>Microchemical Journal</i> , 2016, 124, 241-246.	4.5	22
20	EXPERIMENTAL CHARACTERIZATION OF AN OVERDENSE PLASMA IN A COMPACT ION SOURCE. <i>Acta Polytechnica</i> , 2015, 55, 146-149.	0.6	1
21	Macro and Micro Full Field X-Ray Fluorescence with an X-Ray Pinhole Camera Presenting High Energy and High Spatial Resolution. <i>Analytical Chemistry</i> , 2014, 86, 10892-10899.	6.5	67
22	A new X-ray pinhole camera for energy dispersive X-ray fluorescence imaging with high-energy and high-spatial resolution. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2013, 86, 60-65.	2.9	17
23	ELIMED: a new hadron therapy concept based on laser driven ion beams. <i>Proceedings of SPIE</i> , 2013, , .	0.8	13
24	In situ investigation of the surface silvering of late Roman coins by combined use of high energy broad-beam and low energy micro-beam X-ray fluorescence techniques. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2012, 73, 13-19.	2.9	23
25	A new version of a portable polonium source for the non-destructive PIXE (particle induced X-ray) Tj ETQq1 1 0.784314 rgBT /Overloc	4.5	11
26	Non-destructive determination of the silver content in Roman coins (nummi), dated to 308â€“311 A.D., by the combined use of PIXE-alpha, XRF and DPAA techniques. <i>Microchemical Journal</i> , 2011, 97, 286-290.	4.5	32
27	Quantitative non-destructive determination of trace elements in archaeological pottery using a portable beam stability-controlled XRF spectrometer. <i>X-Ray Spectrometry</i> , 2006, 35, 1-7.	1.4	31
28	A new portable XRF spectrometer with beam stability control. <i>X-Ray Spectrometry</i> , 2005, 34, 135-139.	1.4	21
29	Non-destructive characterization of Della Robbia sculptures at the Bargello museum in Florence by the combined use of PIXE and XRF portable systems. <i>Journal of Cultural Heritage</i> , 2004, 5, 183-188.	3.3	50
30	The Improved Lns Pixe-Alpha Portable System: Archaeometric Applications*. <i>Archaeometry</i> , 2003, 45, 333-339.	1.3	31
31	Study of foxing stains on paper by chemical methods, infrared spectroscopy, micro-X-ray fluorescence spectrometry and laser induced breakdown spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2002, 57, 1235-1249.	2.9	40
32	Salerno Exultet: its characterization by Raman and PIXE-Î± analyses. , 2001, , .		0
33	Fragment Kinetic Energies and Modes of Fragment Formation. <i>Physical Review Letters</i> , 2000, 84, 4557-4560.	7.8	48
34	Temperatures of Exploding Nuclei. <i>Physical Review Letters</i> , 1998, 80, 3928-3931.	7.8	72
35	Dynamical emission and isotope thermometry. <i>Physical Review C</i> , 1998, 58, R2636-R2639.	2.9	32