

Maurizio Aceto

List of Publications by Year in descending order

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99
papers

4,048
citations

136740

32
h-index

118652

62
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102
all docs

102
docs citations

102
times ranked

4321
citing authors

#	ARTICLE	IF	CITATIONS
1	The Vienna Genesis: An Example of Late Antique Purple Parchment. <i>Restaurator</i> , 2022, .	0.2	0
2	On the Traceability of the Hazelnut Production Chain by Means of Trace Elements. <i>Molecules</i> , 2022, 27, 3854.	1.7	4
3	On the Hierarchical Use of Colourants in a 15th Century Book of Hours. <i>Heritage</i> , 2021, 4, 1786-1806.	0.9	4
4	A multi-scalar investigation of the colouring materials used in textile wrappings of Egyptian votive animal mummies. <i>Heritage Science</i> , 2021, 9, .	1.0	13
5	Pigmentsâ€™the palette of organic colourants in wall paintings. <i>Archaeological and Anthropological Sciences</i> , 2021, 13, 1.	0.7	38
6	Identification of aloe and other dyes by means of SERS and HPLC-DAD-MS in the embroidery of a 15th century English folded almanac. <i>Dyes and Pigments</i> , 2021, 194, 109578.	2.0	8
7	Authentication and Traceability Study on Barbera dâ€™Asti and Nizza DOCG Wines: The Role of Trace- and Ultra-Trace Elements. <i>Beverages</i> , 2020, 6, 63.	1.3	4
8	The miniatures of the Vienna Genesis: colour identification and paintersâ€™ palettes. , 2020, , 201-246.		3
9	New evidence of non-traditional Egyptian blue manufacture in the 6th century Ashburnham Pentateuch. <i>Journal of Archaeological Science: Reports</i> , 2020, 33, 102487.	0.2	3
10	Non-Invasive Study on the Sinope Gospels. <i>Heritage</i> , 2020, 3, 1269-1278.	0.9	5
11	A fast non-invasive method for preliminary authentication of mediaeval glass enamels using UVâ€™visibleâ€™NIR diffuse reflectance spectrophotometry. <i>Journal of Cultural Heritage</i> , 2020, 45, 33-40.	1.5	7
12	5. UV-Vis spectroscopy. , 2020, , 99-120.		0
13	Preliminary non-invasive study of Carolingian pigments in the churches of St. John at MÃ¼stair and St. Benedict at Malles. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	0.7	8
14	Analytical methods for determination of anthraquinone dyes in historical textiles: A review. <i>Analytica Chimica Acta</i> , 2019, 1083, 58-87.	2.6	79
15	Towards the identification of the lichen species in historical orchil dyes by HPLC-MS/MS. <i>Microchemical Journal</i> , 2019, 150, 104140.	2.3	21
16	Late production of Egyptian blue: synthesis from brass and its characteristics. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 5377-5392.	0.7	20
17	Compositional and Micro-Morphological Characterisation of Red Colourants in Archaeological Textiles from Pharaonic Egypt. <i>Molecules</i> , 2019, 24, 3761.	1.7	29
18	Itâ€™s Only a Part of the Story: Analytical Investigation of the Inks and Dyes Used in the Privilegium Maius. <i>Molecules</i> , 2019, 24, 2197.	1.7	6

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19	A preliminary study on the authentication and traceability of extra virgin olive oil made from Taggiasca olives by means of trace and ultra-trace elements distribution. <i>Food Chemistry</i> , 2019, 298, 125047.	4.2	31
20	New Hints on the Maya Blue Formation Process by PCA-Assisted In Situ XRPD/PDF and Optical Spectroscopy. <i>Chemistry - A European Journal</i> , 2019, 25, 11503-11511.	1.7	17
21	From the Pyrenees to the Alps: Evidence of the use of aerinite on XII century fresco paintings at Novalesa abbey (Piemonte). <i>Journal of Archaeological Science: Reports</i> , 2019, 25, 15-24.	0.2	1
22	Mythic dyes or mythic colour? New insight into the use of purple dyes on codices. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 215, 133-141.	2.0	7
23	The Messale Rosselli: Scientific investigation on an outstanding 14th century illuminated manuscript from Avignon. <i>Journal of Archaeological Science: Reports</i> , 2019, 23, 721-730.	0.2	10
24	Focus Point on Past and Present: Recent Advances in the Investigation of Ancient Materials by Means of Scientific Instrumental Techniques. <i>European Physical Journal Plus</i> , 2019, 134, 1.	1.2	0
25	UV-Vis spectroscopy. <i>Physical Sciences Reviews</i> , 2019, 4, .	0.8	25
26	Egyptian blue in the Castelseprio mural painting cycle. Imaging and evidence of a non-traditional manufacture. <i>Journal of Archaeological Science: Reports</i> , 2018, 19, 465-475.	0.2	7
27	New advanced extraction and analytical methods applied to discrimination of different lichen species used for orcein dyed yarns: Preliminary results. <i>Microchemical Journal</i> , 2018, 138, 447-456.	2.3	13
28	On the Rehydration of Organic Layered Double Hydroxides to form Low-Ordered Carbon/LDH Nanocomposites. <i>Inorganics</i> , 2018, 6, 79.	1.2	4
29	Wine Traceability with Rare Earth Elements. <i>Beverages</i> , 2018, 4, 23.	1.3	21
30	Role of Lanthanides in the Traceability of the Milk Production Chain. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 4200-4208.	2.4	18
31	Characterisation of the different hands in the composition of a 14th century breviary by means of portable XRF analysis and complementary techniques. <i>X-Ray Spectrometry</i> , 2017, 46, 259-270.	0.9	13
32	Analytical evidences of the use of iron-gall ink as a pigment on miniature paintings. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 187, 1-8.	2.0	26
33	Non-invasive characterization of colorants by portable diffuse reflectance infrared Fourier transform (DRIFT) spectroscopy and chemometrics. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 181, 171-179.	2.0	20
34	Multi-Technique Characterization of Adhesives Used in Medieval Jewellery. <i>Archaeometry</i> , 2017, 59, 1105-1118.	0.6	1
35	On the identification of <i>folium</i> by SERS: from crude extracts to illuminated codices. <i>Journal of Raman Spectroscopy</i> , 2017, 48, 530-537.	1.2	6
36	Direct fluorimetric characterisation of dyes in ancient purple codices. <i>Microchemical Journal</i> , 2017, 135, 122-128.	2.3	8

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37	The "Coptic" textiles of the "Museo Egizio" in Torino (Italy): a focus on dyes through a multi-technique approach. <i>Archaeological and Anthropological Sciences</i> , 2017, 9, 485-497.	0.7	25
38	Analytical investigations on the Coronation Gospels manuscript. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 171, 213-221.	2.0	26
39	On the identification of folium and orchil on illuminated manuscripts. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 171, 461-469.	2.0	8
40	The Use of ICP-MS in Food Traceability. , 2016, , 137-164.		9
41	Identification and Analytical Examination of Copper Alloy Pigments Applied as Golden Illuminations on Three Persian Manuscripts. <i>Restaurator</i> , 2015, 36, .	0.2	2
42	A diagnostic study on folium and orchil dyes with non-invasive and micro-destructive methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 142, 159-168.	2.0	43
43	Food Forensics. <i>Comprehensive Analytical Chemistry</i> , 2015, 68, 441-514.	0.7	6
44	Surface-enhanced Raman scattering for the analysis of red lake pigments in painting layers mounted in cross sections. <i>Journal of Raman Spectroscopy</i> , 2014, 45, 1127-1132.	1.2	30
45	Non-invasive investigation on a VI century purple codex from Brescia, Italy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 117, 34-41.	2.0	37
46	Characterisation of colourants on illuminated manuscripts by portable fibre optic UV-visible-NIR reflectance spectrophotometry. <i>Analytical Methods</i> , 2014, 6, 1488.	1.3	247
47	A traceability study on the Moscato wine chain. <i>Food Chemistry</i> , 2013, 138, 1914-1922.	4.2	55
48	Non Invasive Analysis of Manuscript Covers: Portable X-ray Fluorescence Enlightening Medieval Jewellery Masterpieces. <i>Procedia Chemistry</i> , 2013, 8, 100-108.	0.7	0
49	Non-invasive differentiation between natural and synthetic ultramarine blue pigments by means of 250-900 nm FORS analysis. <i>Analytical Methods</i> , 2013, 5, 4184.	1.3	31
50	Identification of dyestuffs in historical textiles: Strong and weak points of a non-invasive approach. <i>Dyes and Pigments</i> , 2013, 98, 136-145.	2.0	116
51	Identification of colorants on XVIII century scientific hand-coloured print volumes. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 1722-1728.	1.2	12
52	The mural paintings of Ala di Stura (Piedmont, Italy): a hidden treasure investigated. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 1754-1760.	1.2	12
53	Non invasive analysis of miniature paintings: Proposal for an analytical protocol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 91, 352-359.	2.0	48
54	First analytical evidences of precious colourants on Mediterranean illuminated manuscripts. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 95, 235-245.	2.0	66

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55	Identification of copper carboxylates as degradation residues on an ancient manuscript. <i>Journal of Raman Spectroscopy</i> , 2010, 41, 1434-1440.	1.2	14
56	Screening for heavy metal accumulators amongst autochthonous plants in a polluted site in Italy. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1988-1997.	2.9	55
57	Combined use of FORS, XRF and Raman spectroscopy in the study of mural paintings in the Aosta Valley (Italy). <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 2005-2013.	1.9	58
58	Authentication and Traceability Study of Hazelnuts from Piedmont, Italy. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 3404-3408.	2.4	76
59	The <i>Vercelli Gospels</i> laid open: an investigation into the inks used to write the oldest Gospels in Latin. <i>X-Ray Spectrometry</i> , 2008, 37, 286-292.	0.9	39
60	ICP-MS ANALYSIS OF GLASS FRAGMENTS OF PARTHIAN AND SASANIAN EPOCH FROM SELEUCIA AND VEH ARDAÄR (CENTRAL IRAQ)*. <i>Archaeometry</i> , 2008, 50, 429-450.	0.6	112
61	Optimisation of sensitivity in the multi-elemental determination of 83 isotopes by ICP-MS as a function of 21 instrumental operative conditions by modified simplex, principal component analysis and partial least squares. <i>Talanta</i> , 2008, 76, 1224-1232.	2.9	7
62	Adsorption of heavy metals on vermiculite: Influence of pH and organic ligands. <i>Journal of Colloid and Interface Science</i> , 2006, 299, 537-546.	5.0	242
63	Assessment of Metal Availability in a Contaminated Soil by Sequential Extraction. <i>Water, Air, and Soil Pollution</i> , 2006, 173, 315-338.	1.1	58
64	Evidence for the degradation of an alloy pigment on an ancient Italian manuscript. <i>Journal of Raman Spectroscopy</i> , 2006, 37, 1160-1170.	1.2	27
65	Archaeometric characterisation of ancient pottery belonging to the archaeological site of Novalesa Abbey (Piedmont, Italy) by ICP-MS and spectroscopic techniques coupled to multivariate statistical tools. <i>Analytica Chimica Acta</i> , 2005, 537, 359-375.	2.6	40
66	Distribution of major, minor and trace elements in Antarctic offshore and Coastal seawaters: correlation among sites and variables by pattern recognition. <i>International Journal of Environmental Analytical Chemistry</i> , 2004, 84, 471-492.	1.8	4
67	Uptake of antitumor platinum(II)-complexes by cancer cells, assayed by inductively coupled plasma mass spectrometry (ICP-MS). <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 73-78.	1.5	217
68	Distribution of major, minor and trace elements in lake environments of Antarctica. <i>Antarctic Science</i> , 2004, 16, 277-291.	0.5	40
69	Statistical investigation of the differences in the distribution of metals in Nebbiolo-based wines. <i>Food Chemistry</i> , 2003, 81, 621-630.	4.2	128
70	The use of mosses as environmental metal pollution indicators. <i>Chemosphere</i> , 2003, 50, 333-342.	4.2	75
71	Adsorption of heavy metals on Na-montmorillonite. Effect of pH and organic substances. <i>Water Research</i> , 2003, 37, 1619-1627.	5.3	608
72	Distribution of major, minor and trace metals in lake environments of Antarctica. <i>European Physical Journal Special Topics</i> , 2003, 107, 867-870.	0.2	0

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73	Metals in wine. Reviews in Food and Nutrition Toxicity, 2003, , 169-203.	0.0	2
74	Heavy metals in agricultural soils from Piedmont, Italy. Distribution, speciation and chemometric data treatment. Chemosphere, 2002, 49, 545-557.	4.2	193
75	Distribution and mobility of metals in contaminated sites. Chemometric investigation of pollutant profiles. Environmental Pollution, 2002, 119, 177-193.	3.7	93
76	Voltammetric Determination and Speciation of Inorganic and Organometallic Tin. Electroanalysis, 2002, 14, 1090-1097.	1.5	7
77	Classification of Nebbiolo-based wines from Piedmont (Italy) by means of solid-phase microextraction-gas chromatography-mass spectrometry of volatile compounds. Journal of Chromatography A, 2002, 943, 123-137.	1.8	78
78	Determination of metals in wine with atomic spectroscopy (flame-AAS, GF-AAS and ICP-AES); a review. Food Additives and Contaminants, 2002, 19, 126-133.	2.0	99
79	Spatial and seasonal variations of major, minor and trace elements in Antarctic seawater. Chemometric investigation of variable and site correlations. Journal of Environmental Management, 2001, 6, 29-43.	1.7	17
80	The retention of metal species by different solid sorbents. Analytica Chimica Acta, 2000, 411, 223-237.	2.6	83
81	Behavior of Different Metal/Ligand Systems in Adsorptive Cathodic Stripping Voltammetry. Electroanalysis, 1999, 11, 870-878.	1.5	31
82	Behavior of Different Metal/Ligand Systems in Adsorptive Cathodic Stripping Voltammetry. , 1999, 11, 870.		1
83	Speciation of copper and manganese in milk by solid-phase extraction/inductively coupled plasma-atomic emission spectrometry. Analytica Chimica Acta, 1998, 375, 299-306.	2.6	71
84	Determination of metals in highly saline matrices by solid-phase extraction and slurry-sampling inductively coupled plasma-atomic emission spectrometry. Analytica Chimica Acta, 1998, 375, 293-298.	2.6	33
85	CAMPANIAN POTTERY FROM ANCIENT BRUTTIUM (SOUTHERN ITALY): SCIENTIFIC ANALYSIS OF LOCAL AND IMPORTED PRODUCTS. Archaeometry, 1998, 40, 311-329.	0.6	18
86	Distribution and Statistical Correlations of Major, Minor and Trace Metals in Lake Environments of Antarctica. International Journal of Environmental Analytical Chemistry, 1998, 71, 245-255.	1.8	9
87	Flow injection determination of Pb and Cd traces with graphite furnace atomic absorption spectrometry. Talanta, 1997, 44, 867-875.	2.9	21
88	Determination of trace europium by adsorptive cathodic stripping voltammetry after complexation with cupferron. Electroanalysis, 1997, 9, 444-448.	1.5	22
89	Determination of copper, cadmium, iron, manganese, nickel and zinc in Antarctic sea water. Comparison of electrochemical and spectroscopic procedures. Analytica Chimica Acta, 1995, 305, 200-206.	2.6	46
90	Ion chromatographic separation of alkylsulphonic acids with conductivity detection. Chromatographia, 1995, 41, 445-449.	0.7	6

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91	Ion chromatographic separation of alkylsulphonic acids with conductivity detection. <i>Chromatographia</i> , 1995, 41, 445-449.	0.7	1
92	Mercury Speciation in Biological Samples. <i>International Journal of Environmental Analytical Chemistry</i> , 1995, 60, 1-13.	1.8	14
93	Distribution of Minor and Trace Metals in Carezza Lake (ANTARCTICA) Ecosystem. <i>International Journal of Environmental Analytical Chemistry</i> , 1994, 55, 165-177.	1.8	15
94	Ion chromatographic separation and on-line cold vapour atomic absorption spectrometric determination of methylmercury, ethylmercury and inorganic mercury. <i>Analytica Chimica Acta</i> , 1994, 284, 661-667.	2.6	60
95	Ion-pair reversed-phase high-performance liquid chromatography for trace metal preconcentration followed by ion-interaction chromatography. <i>Journal of Chromatography A</i> , 1993, 640, 127-134.	1.8	12
96	Ion-interaction chromatographic studies on metal ions completed with Plasmocorinth B dye. <i>Journal of Chromatography A</i> , 1993, 640, 179-185.	1.8	7
97	Simultaneous determination of methyl-, ethyl-, phenyl- and inorganic mercury by cold vapour atomic absorption spectrometry with on-line chromatographic separation. <i>Journal of Chromatography A</i> , 1992, 626, 151-157.	1.8	34
98	Investigation of Roman terra sigillata by atomic absorption and emission spectroscopy and multivariate analysis of data. <i>Fresenius' Journal of Analytical Chemistry</i> , 1990, 336, 215-221.	1.5	14
99	Multi-technique characterization of glass mosaic tesserae from Villa di Teodorico in Galeata (Italy). <i>Journal of Raman Spectroscopy</i> , 0, , .	1.2	4