

Annarosa Mangone

List of Publications by Year in descending order

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60
papers

1,580
citations

331670

21
h-index

315739

38
g-index

62
all docs

62
docs citations

62
times ranked

1856
citing authors

#	ARTICLE	IF	CITATIONS
1	Autopoietic Self-Reproduction of Fatty Acid Vesicles. <i>Journal of the American Chemical Society</i> , 1994, 116, 11649-11654.	13.7	421
2	Pigments Checker version 3.0, a handy set for conservation scientists: A free online Raman spectra database. <i>Microchemical Journal</i> , 2016, 129, 123-132.	4.5	116
3	Towards highly stable aqueous dispersions of multi-walled carbon nanotubes: the effect of oxygen plasma functionalization. <i>Journal of Colloid and Interface Science</i> , 2017, 491, 255-264.	9.4	66
4	Laser-induced breakdown spectroscopy of archaeological findings with calibration-free inverse method: Comparison with classical laser-induced breakdown spectroscopy and conventional techniques. <i>Analytica Chimica Acta</i> , 2014, 813, 15-24.	5.4	59
5	Palladium/Zirconium Oxide Nanocomposite as a Highly Recyclable Catalyst for C-C Coupling Reactions in Water. <i>Molecules</i> , 2010, 15, 4511-4525.	3.8	56
6	Synthesis of zeolites at low temperatures in fly ash-kaolinite mixtures. <i>Microporous and Mesoporous Materials</i> , 2015, 212, 35-47.	4.4	52
7	Mobile Raman spectroscopy analysis of ancient enamelled glass masterpieces. <i>Analytical Methods</i> , 2013, 5, 4345.	2.7	49
8	Archaeometric investigation of Roman tesserae from Herculaneum (Italy) by the combined use of complementary micro-destructive analytical techniques. <i>Journal of Archaeological Science</i> , 2009, 36, 2625-2634.	2.4	41
9	Synthesis and analytical characterisation of copper-based nanocoatings for bioactive stone artworks treatment. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 473-481.	3.7	38
10	Technological features of Apulian red figured pottery. <i>Journal of Archaeological Science</i> , 2008, 35, 1533-1541.	2.4	37
11	XPS, ICP and DPASV analysis of medieval pottery ? Statistical multivariate treatment of data. <i>Fresenius' Journal of Analytical Chemistry</i> , 1994, 350, 168-177.	1.5	30
12	Lapis lazuli usage for blue decoration of polychrome painted glazed pottery: a recurrent technology during the Middle Ages in Apulia (Southern Italy). <i>Journal of Archaeological Science</i> , 2007, 34, 503-511.	2.4	29
13	Use of various spectroscopy techniques to investigate raw materials and define processes in the overpainting of Apulian red figured pottery (4th century BC) from southern Italy. <i>Microchemical Journal</i> , 2009, 92, 97-102.	4.5	29
14	Application of Laser Induced Breakdown Spectroscopy to the identification of emeralds from different synthetic processes. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2014, 102, 48-51.	2.9	29
15	An integrated spectroscopic approach to investigate pigments and engobes on pre-Roman pottery. <i>Journal of Raman Spectroscopy</i> , 2011, 42, 1317-1323.	2.5	27
16	The source of blue colour of archaeological glass and glazes: the Raman spectroscopy/SEM-EDS answers. <i>Journal of Raman Spectroscopy</i> , 2014, 45, 1251-1259.	2.5	27
17	Manufacturing expedients in medieval ceramics in Apulia. <i>Journal of Cultural Heritage</i> , 2009, 10, 134-143.	3.3	24
18	A multianalytical study of archaeological faience from the Vesuvian area as a valid tool to investigate provenance and technological features. <i>New Journal of Chemistry</i> , 2011, 35, 2860.	2.8	23

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19	Tunable Epoxidation of Single-Walled Carbon Nanotubes by Isolated Methyl(trifluoromethyl)dioxirane. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 1666-1671.	2.4	23
20	Investigations by various analytical techniques to the correct classification of archaeological finds and delineation of technological features. <i>Microchemical Journal</i> , 2009, 91, 214-221.	4.5	22
21	Inter-comparison of carbon content in PM10 and PM2.5 measured with two thermo-optical protocols on samples collected in a Mediterranean site. <i>Environmental Science and Pollution Research</i> , 2019, 26, 29334-29350.	5.3	22
22	Diversified production of red figured pottery in Apulia (Southern Italy) in the late period. <i>Journal of Cultural Heritage</i> , 2013, 14, 82-88.	3.3	20
23	An archaeometric approach about the study of medieval glass from Siponto (Foggia, Italy). <i>Microchemical Journal</i> , 2008, 90, 56-62.	4.5	19
24	Polybrominated diphenyl ethers (PBDEs) in Mediterranean mussels (<i>Mytilus galloprovincialis</i>) from selected Apulia coastal sites evaluated by GC-MS/MS. <i>Journal of Mass Spectrometry</i> , 2010, 45, 1046-1055.	1.6	19
25	Spectroscopic Characterization and Nanosafety of Ag-Modified Antibacterial Leather and Leatherette. <i>Nanomaterials</i> , 2017, 7, 203.	4.1	19
26	Methodology of a combined approach: analytical techniques to identify the technology and raw materials used in thin-walled pottery from Herculaneum and Pompeii. <i>Analytical Methods</i> , 2014, 6, 3490-3499.	2.7	18
27	Combined Approach for the Development of Efficient and Safe Nanoantimicrobials: The Case of Nanosilver-Modified Polyurethane Foams. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 1417-1425.	5.2	18
28	Oil Lamps from the Catacombs of Canosa (Apulia, Fourth to Sixth Centuries) <i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i>	1.3	16
29	Characterization of surface layers formed under natural environmental conditions on medieval glass from Siponto (Southern Italy). <i>Materials Chemistry and Physics</i> , 2008, 111, 480-485.	4.0	14
30	Fourier Transform Raman and Statistical Analysis of Thermally Altered Samples of Amber. <i>Applied Spectroscopy</i> , 2015, 69, 1457-1463.	2.2	14
31	Characterisation of mineral waters by pattern recognition methods. <i>Journal of the Science of Food and Agriculture</i> , 1998, 76, 533-536.	3.5	13
32	An archaeometric approach to gain knowledge on technology and provenance of Apulian red-figured pottery from Taranto. <i>Archaeological and Anthropological Sciences</i> , 2017, 9, 1125-1135.	1.8	13
33	Mitochondrial ATP-Mg/phosphate carriers transport divalent inorganic cations in complex with ATP. <i>Journal of Bioenergetics and Biomembranes</i> , 2017, 49, 369-380.	2.3	13
34	A multi-analytical approach to amber characterisation. <i>Chemical Papers</i> , 2014, 68, .	2.2	12
35	A nonlinear principal component analysis to study archeometric data. <i>Journal of Chemometrics</i> , 2016, 30, 405-415.	1.3	11
36	Raman and SEM-EDS insights into technological aspects of Medieval and Renaissance ceramics from Southern Italy. <i>Journal of Raman Spectroscopy</i> , 2021, 52, 186-198.	2.5	11

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37	Combined analysis of enamelled and gilded glassware from Frederick II Castle at Melfi (Italy) to identify technology and raw materials. <i>X-Ray Spectrometry</i> , 2015, 44, 191-200.	1.4	10
38	Building a step by step result in archaeometry. Raw materials, provenance and production technology of Apulian Red Figure pottery. <i>Journal of Cultural Heritage</i> , 2020, 43, 242-248.	3.3	10
39	Medieval Islamic-type pottery from Siponto (Italy): an integrated physical-chemical and mineralogical investigation. <i>X-Ray Spectrometry</i> , 2006, 35, 338-346.	1.4	9
40	The reason of the collapse of an ancient kiln in Egnazia from mineralogical and thermal analysis of ceramic finds. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 92, 337-344.	3.6	9
41	Archaeometry of ceramic materials. <i>Physical Sciences Reviews</i> , 2019, 4, .	0.8	9
42	Nanoparticle enhanced laser ablation inductively coupled plasma mass spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2020, 163, 105731.	2.9	8
43	Applications of a synergic analytical strategy to figure out technologies in medieval glazed pottery with "negative decoration" from Italy. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 116, 1541-1552.	2.3	7
44	A pottery jigsaw puzzle: distinguish true and false pieces in two Apulian red figured vases by a poli-technique action plan. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	2.3	7
45	The Distinctive Role of Chemical Composition in Archaeometry. The Case of Apulian Red Figure Pottery. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3073.	2.5	7
46	Application of Multiple Linear Regression and Extended Principal-Component Analysis to Determination of the Acid Dissociation Constant of 7-Hydroxycoumarin in Water/AOT/Isooctane Reverse Micelles. <i>Journal of Colloid and Interface Science</i> , 2000, 221, 173-180.	9.4	6
47	A systematic characterization of fibulae from Italy: from chemical composition to microstructure and corrosion processes. <i>New Journal of Chemistry</i> , 2013, 37, 1238.	2.8	6
48	Integrated investigations for the characterisation of Roman lead-glazed pottery from Pompeii and Herculaneum (Italy). <i>Chemical Papers</i> , 2015, 69, .	2.2	5
49	The Tetris game of scientific investigation. Increase the score embedding analytical techniques. Raw materials and production technology of Roman glasses from Pompeii. <i>Microchemical Journal</i> , 2017, 131, 21-30.	4.5	5
50	Contribution of mineralogical and analytical techniques to investigate provenance and technologies of Hellenistic pottery from Arpi (Southern Italy). <i>Journal of Archaeological Science: Reports</i> , 2019, 24, 729-737.	0.5	5
51	Blue coloured ha ³ 4yne from Mt. Vulture (Italy) volcanic rocks: SEM-EDS and Raman investigation of natural and heated crystals. <i>Journal of Raman Spectroscopy</i> , 2022, 53, 956-968.	2.5	5
52	An analytical techniques pool to hit the target. A comprehensive examination on an Apulian red figured pottery collection. <i>Microchemical Journal</i> , 2017, 134, 354-361.	4.5	4
53	Synergic analytical strategy to follow the technological evolution of Campanian medieval glazed pottery. <i>Archaeological and Anthropological Sciences</i> , 2017, 9, 1137-1151.	1.8	4
54	Exploring the raw materials and technological practice to obtain red and black surfaces of Apulian red figure pottery by Raman and SEM-EDS investigations. <i>Journal of Raman Spectroscopy</i> , 2022, 53, 810-819.	2.5	4

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55	Technological features of <i>gnathia</i> ™ pottery. X-Ray Spectrometry, 2009, 38, 386-393.	1.4	3
56	14. Archaeometry of ceramic materials. , 2020, , 331-356.		2
57	Bridging repair of the abdominal wall in a rat experimental model. Comparison between uncoated and polyethylene oxide-coated equine pericardium meshes. Scientific Reports, 2020, 10, 6959.	3.3	2
58	Hematite, an electrocatalytic marker for the study of archaeological ceramic clay bodies. A VIMP and SECM study. ChemElectroChem, 0, , .	3.4	1
59	Electrochemical methods to discriminate technology and provenance of Apulian red-figured pottery. II: EIS. Archaeometry, 2022, 64, 1124-1137.	1.3	1
60	Electrochemical methods to discriminate technology and provenance of Apulian red-figured pottery. I. VIMP and SECM. Archaeometry, 2022, 64, 1325-1339.	1.3	1