Anastasia Rousaki

List of Publications by Year
in descending order

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36 papers	383 citations	840585 11 h-index	887953 17 g-index
36 all docs	36 docs citations	36 times ranked	294 citing authors

#	Article	IF	Citations
1	Microâ€Raman spectroscopy and complementary techniques (hXRF, VPâ€SEMâ€EDS, Î¼â€FTIR and Pyâ€GC/MS) applied to the study of beads from the Kongo Kingdom (Democratic Republic of the Congo). Journal of Raman Spectroscopy, 2017, 48, 1468-1478.	1.2	36
2	On-field Raman spectroscopy of Patagonian prehistoric rock art: Pigments, alteration products and substrata. TrAC - Trends in Analytical Chemistry, 2018, 105, 338-351.	5.8	33
3	Combined Spectroscopic Analysis of Beads from the Tombs of Kindoki, Lower Congo Province (Democratic Republic of the Congo). Applied Spectroscopy, 2016, 70, 76-93.	1.2	31
4	In situ Raman spectroscopy for cultural heritage studies. Journal of Raman Spectroscopy, 2021, 52, 2178-2189.	1.2	28
5	Microâ€Raman analysis of pigments from hunterâ€“gatherer archaeological sites of North Patagonia (Argentina). Journal of Raman Spectroscopy, 2015, 46, 1016-1024.	1.2	26
6	The first use of portable <scp>Raman</scp> instrumentation for the in situ study of prehistoric rock paintings in <scp>Patagonian</scp> sites. Journal of Raman Spectroscopy, 2017, 48, 1459-1467.	1.2	26
7	Evaluation of handheld and portable Raman spectrometers with different laser excitation wavelengths for the detection and characterization of organic minerals. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 243, 118818.	2.0	20
8	Development of a Fiber-Optics Microspatially Offset Raman Spectroscopy Sensor for Probing Layered Materials. Analytical Chemistry, 2017, 89, 9218-9223.	3.2	17
9	A comparative mobile Raman study for the on field analysis of the Mosaico de los Amores of the CÃ¡stulo Archaeological Site (Linares, Spain). Journal of Raman Spectroscopy, 2020, 51, 1913-1923.	1.2	17
10	Liquid-Phase Exfoliation of Rhenium Disulfide by Solubility Parameter Matching. Langmuir, 2020, 36, 15493-15500.	1.6	17
11	Feather Gene Expression Elucidates the Developmental Basis of Plumage Iridescence in African Starlings. Journal of Heredity, 2021, 112, 417-429.	1.0	15
12	Synthesis of Colloidal WSe₂ Nanocrystals: Polymorphism Control by Precursor-Ligand Chemistry. Crystal Growth and Design, 2021, 21, 1451-1460.	1.4	15
13	Development of defocusing micro-SORS mapping: a study of a 19th century porcelain card. Analytical Methods, 2017, 9, 6435-6442.	1.3	14
14	Comparison of four mobile, nonâ€invasive diagnostic techniques for differentiating glass types in historical leaded windows: <scp>MAâ€XRF</scp>, <scp>UVâ€“Visâ€“NIR,</scp> Raman spectroscopy and <scp>IRT</scp>. X-Ray Spectrometry, 2021, 50, 293-309.	0.9	11
15	An in-and-out-the-lab Raman spectroscopy study on street art murals from Reggio Emilia in Italy. European Physical Journal Plus, 2022, 137, 1.	1.2	10
16	Application of a handheld Raman spectrometer for the screening of colored secondary sulfates in abandoned mining areasâ€”The case of the SÃ£o Domingos Mine (Iberian Pyrite Belt). Journal of Raman Spectroscopy, 2020, 51, 1186-1199.	1.2	9
17	Comparison of the performance of two handheld XRF instruments in the study of Roman tesserae from CÃ¡stulo (Linares, Spain). European Physical Journal Plus, 2020, 135, 1.	1.2	8
18	In situ and laboratory analysis on the polychromy of the Ghent Pantheon cork model by Antonio Chichi. European Physical Journal Plus, 2019, 134, 1.	1.2	6

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19	Developing Macro-Raman Mapping as a Tool for Studying the Pigment Distribution of Art Objects. Analytical Chemistry, 2021, 93, 15390-15400.	3.2	6
20	Archaeological investigations (archaeometry). Physical Sciences Reviews, 2018, 3, .	0.8	5
21	Advantages and pitfalls of the use of mobile Raman and XRF systems applied on cultural heritage objects in Tuscany (Italy). European Physical Journal Plus, 2021, 136, 1.	1.2	5
22	Microâ€Raman spectroscopy on pigments of painted preâ€Islamic ceramics from the Kur River Basin (Fars) Tj ETQq0 0 0 rgBT /Overlock 1402-1414.	1.2	5
23	Springtail coloration at a finer scale: mechanisms behind vibrant collembolan metallic colours. Journal of the Royal Society Interface, 2021, 18, 20210188.	1.5	4
24	In situ and microâ€Raman spectroscopy for the identification of natural Sicilian zeolites. Journal of Raman Spectroscopy, 2022, 53, 525-539.	1.2	4
25	First insights into the archaeometric analysis of the Los Amores Mosaic in CÃ¡stulo (Linares, Spain): the Judgement of Paris. Heritage Science, 2021, 9, .	1.0	3
26	Microâ€Raman spectroscopy for the analysis of materials found in rock art shelters in Piedra Parada valley, Chubut province, Argentinian Patagonia. Journal of Raman Spectroscopy, 2022, 53, 570-581.	1.2	3
27	Development and evaluation of a simple Raman spectral searching algorithm. European Physical Journal Plus, 2021, 136, 1.	1.2	2
28	Evaluation of miniaturized Raman spectrometers for planetary exploration: From aromatics to amino acids. Icarus, 2021, 366, 114533.	1.1	2
29	Raman and infrared spectroscopy in conservation and restoration. , 2021, , 45-69.		1
30	CHAPTER 6. Raman Spectroscopy. RSC Detection Science, 2021, , 124-146.	0.0	1
31	CHAPTER 5. Pigments and Colourants. , 2018, , 61-67.		1
32	Fast outdoor screening and discrimination of carotenoids of halophilic microorganisms using miniaturized Raman spectrometers. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 276, 121156.	2.0	1
33	Raman spectroscopy of anhydrous and hydrated aluminum sulfates: Experience from burning coal heaps. Journal of Raman Spectroscopy, 2022, 53, 1959-1973.	1.2	1
34	Correction to: First insights into the archaeometric analysis of the Los Amores Mosaic in CÃ¡stulo (Linares, Spain): the Judgement of Paris. Heritage Science, 2021, 9, .	1.0	0
35	COLLOIDAL SYNTHESIS OF FLUORESCENT MoX2 (X = S, Se) NANOSHEETS VIA A DESIGN OF EXPERIMENTS APPROACH. , 0, , .		0
36	Colloidal Synthesis Of Fluorescent MoX2 (X = S, Se) Nanosheets Via a Design Of Experiments Approach. , 0, , .		0