

Anastasia Rousaki

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Micro-Raman spectroscopy for the analysis of materials found in rock art shelters in Piedra Parada valley, Chubut province, Argentinian Patagonia. <i>Journal of Raman Spectroscopy</i> , 2022, 53, 570-581.	1.2	3
2	In situ and micro-Raman spectroscopy for the identification of natural Sicilian zeolites. <i>Journal of Raman Spectroscopy</i> , 2022, 53, 525-539.	1.2	4
3	An in-and-out-the-lab Raman spectroscopy study on street art murals from Reggio Emilia in Italy. <i>European Physical Journal Plus</i> , 2022, 137, 1.	1.2	10
4	Fast outdoor screening and discrimination of carotenoids of halophilic microorganisms using miniaturized Raman spectrometers. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 276, 121156.	2.0	1
5	Micro-Raman spectroscopy on pigments of painted pre-Islamic ceramics from the Kur River Basin (Fars) Tj ETQq1 1 0.784314 rgBT 1402-1414.	1.2	5
6	Raman spectroscopy of anhydrous and hydrated aluminum sulfates: Experience from burning coal heaps. <i>Journal of Raman Spectroscopy</i> , 2022, 53, 1959-1973.	1.2	1
7	Comparison of four mobile, non-invasive diagnostic techniques for differentiating glass types in historical leaded windows: XRF, VIS, NIR, Raman spectroscopy and IRT. <i>X-Ray Spectrometry</i> , 2021, 50, 293-309.	0.9	11
8	First insights into the archaeometric analysis of the Los Amores Mosaic in Cstulo (Linares, Spain): the Judgement of Paris. <i>Heritage Science</i> , 2021, 9, .	1.0	3
9	Raman and infrared spectroscopy in conservation and restoration. , 2021, , 45-69.		1
10	Correction to: First insights into the archaeometric analysis of the Los Amores Mosaic in Cstulo (Linares, Spain): the Judgement of Paris. <i>Heritage Science</i> , 2021, 9, .	1.0	0
11	Feather Gene Expression Elucidates the Developmental Basis of Plumage Iridescence in African Starlings. <i>Journal of Heredity</i> , 2021, 112, 417-429.	1.0	15
12	Advantages and pitfalls of the use of mobile Raman and XRF systems applied on cultural heritage objects in Tuscany (Italy). <i>European Physical Journal Plus</i> , 2021, 136, 1.	1.2	5
13	In situ Raman spectroscopy for cultural heritage studies. <i>Journal of Raman Spectroscopy</i> , 2021, 52, 2178-2189.	1.2	28
14	Development and evaluation of a simple Raman spectral searching algorithm. <i>European Physical Journal Plus</i> , 2021, 136, 1.	1.2	2
15	Springtail coloration at a finer scale: mechanisms behind vibrant collembolan metallic colours. <i>Journal of the Royal Society Interface</i> , 2021, 18, 20210188.	1.5	4
16	Evaluation of miniaturized Raman spectrometers for planetary exploration: From aromatics to amino acids. <i>Icarus</i> , 2021, 366, 114533.	1.1	2
17	CHAPTER 6. Raman Spectroscopy. <i>RSC Detection Science</i> , 2021, , 124-146.	0.0	1
18	Synthesis of Colloidal WSe ₂ Nanocrystals: Polymorphism Control by Precursor-Ligand Chemistry. <i>Crystal Growth and Design</i> , 2021, 21, 1451-1460.	1.4	15

#	ARTICLE	IF	CITATIONS
19	Developing Macro-Raman Mapping as a Tool for Studying the Pigment Distribution of Art Objects. <i>Analytical Chemistry</i> , 2021, 93, 15390-15400.	3.2	6
20	A comparative mobile Raman study for the on field analysis of the <i>Mosaico de los Amores</i> of the Cstulo Archaeological Site (Linares, Spain). <i>Journal of Raman Spectroscopy</i> , 2020, 51, 1913-1923.	1.2	17
21	Evaluation of handheld and portable Raman spectrometers with different laser excitation wavelengths for the detection and characterization of organic minerals. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 243, 118818.	2.0	20
22	Comparison of the performance of two handheld XRF instruments in the study of Roman tesserae from Cstulo (Linares, Spain). <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	8
23	Liquid-Phase Exfoliation of Rhenium Disulfide by Solubility Parameter Matching. <i>Langmuir</i> , 2020, 36, 15493-15500.	1.6	17
24	Application of a handheld Raman spectrometer for the screening of colored secondary sulfates in abandoned mining areasThe case of the So Domingos Mine (Iberian Pyrite Belt). <i>Journal of Raman Spectroscopy</i> , 2020, 51, 1186-1199.	1.2	9
25	In situ and laboratory analysis on the polychromy of the Ghent Pantheon cork model by Antonio Chichi. <i>European Physical Journal Plus</i> , 2019, 134, 1.	1.2	6
26	On-field Raman spectroscopy of Patagonian prehistoric rock art: Pigments, alteration products and substrata. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 105, 338-351.	5.8	33
27	Archaeological investigations (archaeometry). <i>Physical Sciences Reviews</i> , 2018, 3, .	0.8	5
28	CHAPTER 5. Pigments and Colourants. , 2018, , 61-67.		1
29	The first use of portable <sc>Raman</sc> instrumentation for the <i>in situ</i> study of prehistoric rock paintings in <sc>Patagonian</sc> sites. <i>Journal of Raman Spectroscopy</i> , 2017, 48, 1459-1467.	1.2	26
30	MicroRaman spectroscopy and complementary techniques (hXRF, VPSEMEDS, <i>14</i>FTIR and PyGC/MS) applied to the study of beads from the Kongo Kingdom (Democratic Republic of the Congo). <i>Journal of Raman Spectroscopy</i> , 2017, 48, 1468-1478.	1.2	36
31	Development of defocusing micro-SORS mapping: a study of a 19th century porcelain card. <i>Analytical Methods</i> , 2017, 9, 6435-6442.	1.3	14
32	Development of a Fiber-Optics Microspatially Offset Raman Spectroscopy Sensor for Probing Layered Materials. <i>Analytical Chemistry</i> , 2017, 89, 9218-9223.	3.2	17
33	Combined Spectroscopic Analysis of Beads from the Tombs of Kindoki, Lower Congo Province (Democratic Republic of the Congo). <i>Applied Spectroscopy</i> , 2016, 70, 76-93.	1.2	31
34	MicroRaman analysis of pigments from huntergatherer archaeological sites of North Patagonia (Argentina). <i>Journal of Raman Spectroscopy</i> , 2015, 46, 1016-1024.	1.2	26
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