

Armida Sodo

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

390
citations

933264

10
h-index

752573

20
g-index

22
all docs

22
docs citations

22
times ranked

551
citing authors

#	ARTICLE	IF	CITATIONS
1	Raman spectra of natural manganese oxides. <i>Journal of Raman Spectroscopy</i> , 2019, 50, 873-888.	1.2	117
2	Analysis of degraded papers by non-destructive spectroscopic techniques. <i>Journal of Raman Spectroscopy</i> , 2006, 37, 1186-1192.	1.2	45
3	A Reliable Method for Determining the Oxidation State of Manganese at the Microscale in Mn Oxides via Raman Spectroscopy. <i>Geostandards and Geoanalytical Research</i> , 2021, 45, 223-244.	1.7	27
4	The colours of Etruscan painting: a study on the Tomba dell'Orco in the necropolis of Tarquinia. <i>Journal of Raman Spectroscopy</i> , 2008, 39, 1035-1041.	1.2	25
5	Raman spectroscopy and laser-induced degradation of groutellite and ramsdellite, two cathode materials of technological interest. <i>RSC Advances</i> , 2020, 10, 923-929.	1.7	24
6	Effects of gamma irradiation on deteriorated paper. <i>Radiation Physics and Chemistry</i> , 2016, 125, 21-26.	1.4	23
7	Raman and time of flight secondary ion mass spectrometry investigation answers specific conservation questions on Bosch painting <i>Saint Wilgefortis Triptych</i> . <i>Journal of Raman Spectroscopy</i> , 2019, 50, 150-160.	1.2	18
8	Synthesis and Characterization of TEOS Coating Added With Innovative Antifouling Silica Nanocontainers and TiO ₂ Nanoparticles. <i>Frontiers in Materials</i> , 2020, 7, .	1.2	16
9	Alcoholic deacidification and simultaneous deacidification-reduction of paper evaluated after artificial and natural aging. <i>Journal of Cultural Heritage</i> , 2016, 20, 599-606.	1.5	14
10	Tert-butyl amine borane complex: An unusual application of a reducing agent on model molecules of cellulose based materials. <i>Journal of Cultural Heritage</i> , 2009, 10, 356-361.	1.5	11
11	Raman, SEM-EDS and XRPD investigations on pre-Columbian Central America <i>estucado</i> -pottery. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 156, 47-53.	2.0	11
12	Hydration of monosaccharides studied by Raman scattering. <i>Journal of Raman Spectroscopy</i> , 2018, 49, 1066-1075.	1.2	10
13	Modular MA-XRF Scanner Development in the Multi-Analytical Characterisation of a 17th Century Azulejo from Portugal. <i>Sensors</i> , 2021, 21, 1913.	2.1	8
14	Effectiveness and Compatibility of Nanoparticle Based Multifunctional Coatings on Natural and Man-Made Stones. <i>Coatings</i> , 2021, 11, 480.	1.2	8
15	The Efficiency of Biocidal Silica Nanosystems for the Conservation of Stone Monuments: Comparative In Vitro Tests against Epilithic Green Algae. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6804.	1.3	8
16	Morpho-Mineralogical and Bio-Geochemical Description of Cave Manganese Stromatolite-Like Patinas (Grotta del Cervo, Central Italy) and Hints on Their Paleohydrological-Driven Genesis. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	6
17	Assessment of Stone Protective Coatings with a Novel Eco-Friendly Encapsulated Biocide. <i>Coatings</i> , 2021, 11, 1109.	1.2	6
18	Chemical and spectroscopic investigation of the Raphael's cartoon of the School of Athens from the Pinacoteca Ambrosiana. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	1.1	5

#	ARTICLE	IF	CITATIONS
19	A Raman study of chalcogen species in sodalite group minerals from the volcanic rocks of Latium (Italy). <i>Journal of Raman Spectroscopy</i> , 2020, 51, 1513-1521.	1.2	5
20	Spectroscopic investigation of Cappadocia proto-Byzantine paintings. <i>Journal of Raman Spectroscopy</i> , 2021, 52, 95-108.	1.2	2
21	Dating of a unique six-colour relief print by historical and archaeometric methods. <i>European Physical Journal Plus</i> , 2019, 134, 1.	1.2	1