Valeria Di Tullio

List of Publications by Year
in descending order

32	560	687363 13	642732 23
papers	citations	h-index	g-index

32	32	32	583
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Applications of NMR spectroscopy in cultural heritage science. , 2022, , .		0
2	Moisture Damage in Ancient Masonry: A Multidisciplinary Approach for In Situ Diagnostics. Minerals (Basel, Switzerland), 2021, 11, 406.	2.0	9
3	Commercial Bio-Packaging to Preserve the Quality and Extend the Shelf-Life of Vegetables: The Case-Study of Pumpkin Samples Studied by a Multimethodological Approach. Foods, 2021, 10, 2440.	4.3	7
4	Water Diffusion and Transport in Oil Paints as Studied by Unilateral NMR and ¹H Highâ€Resolution MASâ€NMR Spectroscopy. ChemPhysChem, 2020, 21, 113-119.	2.1	13
5	Nano- to microscale three-dimensional morphology relevant to transport properties in reactive porous composite paint films. Scientific Reports, 2020, 10, 18320.	3.3	5
6	New Insights to Characterize Paint Varnishes and to Study Water in Paintings by Nuclear Magnetic Resonance Spectroscopy (NMR). Magnetochemistry, 2020, 6, 21.	2.4	8
7	¹³C solidâ€state NMR complemented by ATRâ€FTIR and microâ€DSC to study modern collagenâ€based material and historical leather. Magnetic Resonance in Chemistry, 2020, 58, 840-859.	1.9	13
8	Review of the use of NMR spectroscopy to investigate structure, reactivity, and dynamics of lead soap formation in paintings. Magnetic Resonance in Chemistry, 2020, 58, 798-811.	1.9	10
9	NMR spectroscopy and micro-analytical techniques for studying the constitutive materials and the state of conservation of an ancient Tapa barkcloth from Polynesia, is. Wallis. Journal of Cultural Heritage, 2020, 45, 379-388.	3.3	6
10	Donatella Capitani. Magnetic Resonance in Chemistry, 2020, 58, 785-791.	1.9	0
11	Magnetic Resonance in Cultural Heritage. Magnetic Resonance in Chemistry, 2020, 58, 783-784.	1.9	0
12	A study of non-bounded/bounded water and water mobility in different agar gels. Microchemical Journal, 2018, 139, 306-314.	4.5	17
13	Unilateral NMR to study water diffusion and absorption in stone-hydrogel systems. Microporous and Mesoporous Materials, 2018, 269, 180-185.	4.4	7
14	Nuclear Magnetic Resonance, a Powerful Tool in Cultural Heritage. Magnetochemistry, 2018, 4, 11.	2.4	10
15	1H NMR depth profiles combined with portable and micro-analytical techniques for evaluating cleaning methods and identifying original, non-original, and degraded materials of a 16th century Italian wall painting. Microchemical Journal, 2018, 141, 40-50.	4.5	9
16	1H-1H NMR 2D-TOCSY, ATR FT-IR and SEM-EDX for the identification of organic residues on Sicilian prehistoric pottery. Microchemical Journal, 2017, 135, 140-147.	4.5	36
17	Portable NMR in food analysis. Chemical and Biological Technologies in Agriculture, 2017, 4, .	4.6	47
18	A new preparation of doped photocatalytic TiO2 anatase nanoparticles: a preliminary study for the removal of pollutants in confined museum areas. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	11

#	Article	IF	Citations
19	¹³C Solid State Nuclear Magnetic Resonance and Âµ-Raman Spectroscopic Characterization of Sicilian Amber. Applied Spectroscopy, 2016, 70, 1346-1355.	2.2	6
20	A multi-analytical approach for the study of copper stain removal by agar gels. Microchemical Journal, 2016, 129, 249-258.	4.5	25
21	Advanced NMR methodologies and micro-analytical techniques to investigate the stratigraphy and materials of 14th century Sienese wooden paintings. Microchemical Journal, 2016, 125, 208-218.	4.5	17
22	A multi-analytical study of ancient Nubian detached mural paintings. Microchemical Journal, 2016, 124, 719-725.	4.5	8
23	Unilateral NMR investigation of multifunctional treatments on stones based on colloidal inorganic and organic nanoparticles. Magnetic Resonance in Chemistry, 2015, 53, 64-77.	1.9	14
24	Nuclear Magnetic Resonance to investigate inorganic porous materials of interest in the cultural heritage field. European Journal of Mineralogy, 2015, 27, 297-310.	1.3	5
25	Applications of Nuclear Magnetic Resonance Sensors to Cultural Heritage. Sensors, 2014, 14, 6977-6997.	3.8	30
26	Nuclear magnetic resonance in contemporary art: the case of â€œMoon Surfaceâ€•by Turcato. Applied Physics A: Materials Science and Processing, 2013, 113, 1009-1017.	2.3	6
27	Non-invasive NMR stratigraphy of a multi-layered artefact: an ancient detached mural painting. Analytical and Bioanalytical Chemistry, 2013, 405, 8669-8675.	3.7	14
28	Unilateral NMR: a Noninvasive Tool for Monitoring In Situ the Effectiveness of Intervention to Reduce the Capillary Raise of Water in an Ancient Deteriorated Wall Painting. International Journal of Spectroscopy, 2012, 2012, 1-10.	1.6	8
29	Nuclear Magnetic Resonance to characterize and monitor Cultural Heritage. Progress in Nuclear Magnetic Resonance Spectroscopy, 2012, 64, 29-69.	7.5	115
30	Unilateral NMR, 13C CPMAS NMR spectroscopy and micro-analytical techniques for studying the materials and state of conservation of an ancient Egyptian wooden sarcophagus. Analytical and Bioanalytical Chemistry, 2011, 399, 3117-3131.	3.7	36
31	NMR depth profiles as a non-invasive analytical tool to probe the penetration depth of hydrophobic treatments and inhomogeneities in treated porous stones. Analytical and Bioanalytical Chemistry, 2011, 400, 3151-3164.	3.7	27
32	Non-destructive mapping of dampness and salts in degraded wall paintings in hypogeous buildings: the case of St. Clement at mass fresco in St. Clement Basilica, Rome. Analytical and Bioanalytical Chemistry, 2010, 396, 1885-1896.	3.7	41