

Laurent Pichon

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

286
citations

840776

11
h-index

888059

17
g-index

22
all docs

22
docs citations

22
times ranked

317
citing authors

#	ARTICLE	IF	CITATIONS
1	Composition of Renaissance Paint Layers: Simultaneous Particle Induced X-ray Emission and Backscattering Spectrometry. <i>Analytical Chemistry</i> , 2009, 81, 7960-7966.	6.5	48
2	Fast mapping of gold jewellery from ancient Egypt with PIXE: Searching for hard-solders and PGE inclusions. <i>Talanta</i> , 2015, 143, 279-286.	5.5	28
3	The Louvre Crucifix by Giotto – Unveiling the original decoration by 2D-XRF, X-ray radiography, Emission Spectrometry and SEM-EDX analysis. <i>Heritage Science</i> , 2014, 2, .	2.3	27
4	3D Micro-PIXE at atmospheric pressure: A new tool for the investigation of art and archaeological objects. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007, 264, 383-388.	1.4	21
5	Protocol for lapis lazuli provenance determination: evidence for an Afghan origin of the stones used for ancient carved artefacts kept at the Egyptian Museum of Florence (Italy). <i>Archaeological and Anthropological Sciences</i> , 2017, 9, 637-651.	1.8	20
6	Characterization of gold leaves on Greek terracotta figurines: A PIXE-RBS study. <i>Microchemical Journal</i> , 2016, 126, 446-453.	4.5	17
7	Nondestructive Redox Quantification Reveals Glassmaking of Rare French Gothic Stained Glasses. <i>Analytical Chemistry</i> , 2017, 89, 6277-6284.	6.5	17
8	New insights into the painting stratigraphy of L'Homme blessé by Gustave Courbet combining scanning macro-XRF and confocal micro-XRF. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	2.3	16
9	Compositional studies on Transylvanian gold nuggets: Advantages and limitations of PIXE-PIGE analysis. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2008, 266, 2316-2319.	1.4	14
10	Non-invasive quantitative micro-PIXE-RBS/EBS/EBS imaging reveals the lost polychromy and gilding of the Neo-Assyrian ivories from the Louvre collection. <i>Talanta</i> , 2015, 137, 100-108.	5.5	14
11	PIXE-PIGE analyses of Byzantine glass bracelets (10th-13th centuries AD) from Isaccea, Romania. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 307, 1021-1036.	1.5	14
12	Leonardo da Vinci's drapery studies: characterization of lead white pigments by μ -XRD and 2D scanning XRF. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 121, 849-856.	2.3	9
13	Weathering and deterioration of archeological glasses from late Roman Sicily. <i>International Journal of Applied Glass Science</i> , 2020, 11, 215-225.	2.0	9
14	Thirteenth-century stained glass windows of the Sainte-Chapelle in Paris: An insight into medieval glazing work practices. <i>Journal of Archaeological Science: Reports</i> , 2021, 35, 102753.	0.5	8
15	Detection of actinides and rare earths in natural matrices with the AGLAE new, high sensitivity detection set-up. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2014, 332, 245-250.	1.4	5
16	Ion beam analysis of silver leaves in gilt leather wall coverings. <i>Talanta</i> , 2020, 206, 120191.	5.5	5
17	Chemical and Mechanical Characterisation of White Earthenware Glazes from the Johnstone-Vieillard Manufactory (France, 19th Century). <i>Archaeometry</i> , 2021, 63, 941-959.	1.3	5
18	Analysis of lustred ceramics of the Galleria Regionale di Palazzo Bellomo di Siracusa, Italy. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2014, 331, 82-88.	1.4	4

#	ARTICLE	IF	CITATIONS
19	SR XRF and micro-PIXE studies on ancient metallurgy of thirteen Dacian gold bracelets. Applied Physics A: Materials Science and Processing, 2012, 109, 395-402.	2.3	2
20	Dacian bracelets and Transylvanian gold: ancient history and modern analyses. ArcheoSciences, 2009, , 221-225.	0.1	2
21	MICRO-PIXE STUDIES ON NATIVE TRANSYLVANIAN GOLD FOR ARCHAEOLOGICAL ARTIFACTS AUTHENTICATION. International Journal of Modern Physics Conference Series, 2014, 27, 1460133.	0.7	1
22	New insights into the painting stratigraphy of L'Homme blessé by Gustave Courbet combining scanning macro-XRF and confocal micro-XRF. , 2017, , 191-203.		0