

Teresa Silva

List of Publications by Year in descending order

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27
papers

247
citations

933447

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464
citing authors

#	ARTICLE	IF	CITATIONS
1	A XANES study of cobalt speciation state in blue-and-white glazes from 16th to 17th century Chinese porcelains. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2012, 185, 97-102.	1.7	38
2	The Lagoa Salgada Orebody, Iberian Pyrite Belt, Portugal. <i>Economic Geology</i> , 2011, 106, 1111-1128.	3.8	27
3	A XANES study of the structural role of lead in glazes from decorated tiles, XVI to XVIII century manufacture. <i>Applied Physics A: Materials Science and Processing</i> , 2006, 83, 209-211.	2.3	24
4	The Positive Environmental Contribution of Jarosite by Retaining Lead in Acid Mine Drainage Areas. <i>International Journal of Environmental Research and Public Health</i> , 2011, 8, 1575-1582.	2.6	24
5	Analysis of degradation phenomena in ancient, traditional and improved building materials of historical monuments. <i>Applied Physics A: Materials Science and Processing</i> , 2008, 92, 151-154.	2.3	16
6	Monitoring the removal of soluble salts from ancient tiles by ion chromatography. <i>Journal of Chromatography A</i> , 1997, 770, 195-201.	3.7	14
7	Effect of oxygen sharing on the white line of S K-edge XANES spectra of sulphate minerals. <i>European Journal of Mineralogy</i> , 2009, 21, 79-83.	1.3	13
8	The blue colouring of beryls from Licungo, Mozambique: an X-ray absorption spectroscopy study at the iron K-edge. <i>Mineralogical Magazine</i> , 2008, 72, 175-178.	1.4	12
9	Chemistry versus phase constitution of yellow ancient tile glazes: A non-destructive insight through XAS. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2005, 238, 134-137.	1.4	11
10	The blue of iron in mineral pigments: a Fe K-edge XANES study of vivianite. <i>Applied Physics A: Materials Science and Processing</i> , 2010, 99, 357-361.	2.3	11
11	Ascertaining the degradation state of ceramic tiles: A preliminary non-destructive step in view of conservation treatments. <i>Applied Clay Science</i> , 2013, 82, 101-105.	5.2	10
12	Indirect monitoring of heavy metals in volcanic gases by synchrotron X-ray microprobe (μ -SRXRF) qualitative analysis of sublimates. <i>Journal of Analytical Atomic Spectrometry</i> , 1999, 14, 505-507.	3.0	7
13	Uranium in surface soils: An easy-and-quick assay combining X-ray diffraction and X-ray fluorescence qualitative data. <i>Journal of Geochemical Exploration</i> , 2011, 109, 134-138.	3.2	7
14	Diagnosis of pathologies in ancient (seventeenth-eighteenth centuries) decorative blue-and-white ceramic tiles: Green stains in the glazes of a panel depicting Lisbon prior to the 1755 earthquake. <i>Studies in Conservation</i> , 2014, 59, 63-68.	1.1	5
15	The Case Study of the Medieval Town Walls of Gubbio in Italy: First Results on the Characterization of Mortars and Binders. <i>Heritage</i> , 2018, 1, 468-478.	1.9	5
16	Decorative 18th Century Blue-and-White Portuguese Tile Panels: A Type-Case of Environmental Degradation. <i>Journal of Materials</i> , 2013, 2013, 1-6.	0.1	4
17	Archaeology of Lisbon Old City: ceramic crucibles from pre-XVIIIth century metallurgical foundries. <i>Applied Physics A: Materials Science and Processing</i> , 2004, 79, 327-329.	2.3	3
18	Natural Nanomaterials: Reappraising the Elusive Structure of the Nano-Sized Mineral Ferrihydrite through X-Ray Absorption Spectroscopy at the Iron K-Edge. <i>Materials Science Forum</i> , 2012, 730-732, 931-935.	0.3	3

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19	Mineralogy and chemistry of incrustations resulting from the 2014–2015 eruption of Fogo volcano, Cape Verde. <i>Bulletin of Volcanology</i> , 2019, 81, 1.	3.0	3
20	Mineral Inventory of the Algaes 30-Level Adit, Aljustrel Mine, Iberian Pyrite Belt, Portugal. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 853.	2.0	3
21	Mortars from the Palace of Knossos in Crete, Greece: A Multi-Analytical Approach. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 1115.	2.0	3
22	Structural and Optical Characterization of Mechanochemically Synthesized CuSbS ₂ Compounds. <i>Materials</i> , 2022, 15, 3842.	2.9	2
23	Orange Pickeringite from the Algaes 30-Level Adit, Aljustrel Mine, Iberian Pyrite Belt, Portugal. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 1115.	2.0	1
24	Contribution to the Understanding of the Colour Change in Bluish-Grey Limestones. <i>Heritage</i> , 2022, 5, 1479-1503.	1.9	1
25	A comparative study of biotite weathering from two different granitic rocks. <i>Chemical Geology</i> , 1993, 107, 301-306.	3.3	0
26	The Mortars of Built Cultural Heritage: The Palace of Knossos Case Study and Material Characterization. , 0, , .		0
27	Structural and Optical Characterization of Mechanochemically Synthesized CuSbS ₂ . , 0, , .		0