

Solange Muralha

List of Publications by Year in descending order

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25
papers

799
citations

516710

16
h-index

580821

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25
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docs citations

25
times ranked

925
citing authors

#	ARTICLE	IF	CITATIONS
1	S ³⁵ H Bond Dissociation Enthalpies in Thiophenols: A Time-Resolved Photoacoustic Calorimetry and Quantum Chemistry Study. <i>Journal of Physical Chemistry A</i> , 2002, 106, 9883-9889.	2.5	75
2	Pigment analysis by Raman microscopy of the non-figurative illumination in 16th to 18th century Islamic manuscripts. <i>Journal of Raman Spectroscopy</i> , 2008, 39, 1482-1493.	2.5	70
3	Multi-analytical identification of pigments and pigment mixtures used in 17th century Portuguese azulejos. <i>Journal of the European Ceramic Society</i> , 2012, 32, 37-48.	5.7	68
4	Raman spectroscopy analysis of pigments on 16th-17th c. Persian manuscripts. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 92, 21-28.	3.9	64
5	A study on red lead degradation in a medieval manuscript <i>Livro do Apocalypse</i> (1189). <i>Journal of Raman Spectroscopy</i> , 2009, 40, 1966-1973.	2.5	57
6	Biogenic Mn oxide minerals coating in a subsurface granite environment. <i>Chemical Geology</i> , 2012, 322-323, 181-191.	3.3	52
7	A Spectroscopic Study of Brazilwood Paints in Medieval Books of Hours. <i>Applied Spectroscopy</i> , 2014, 68, 434-444.	2.2	47
8	Micro-Raman study of Medieval Cistercian 12th-13th century manuscripts: Santa Maria de Alcobaça, Portugal. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 1737-1746.	2.5	43
9	Femtosecond laser ablation of bovine cortical bone. <i>Journal of Biomedical Optics</i> , 2012, 17, 125005.	2.6	40
10	Solvation Enthalpies of Free Radicals: O ₂ Bond Strength in Di-tert-butylperoxide. <i>Journal of the American Chemical Society</i> , 2001, 123, 12670-12674.	13.7	35
11	Characterization of an iron smelting slag from Zimbabwe by Raman microscopy and electron beam analysis. <i>Journal of Raman Spectroscopy</i> , 2011, 42, 2077-2084.	2.5	30
12	Complementary cross-section based protocol of investigation of polychrome samples of a 16th century Moravian Sculpture by optical, vibrational and mass spectrometric techniques. <i>Microchemical Journal</i> , 2013, 110, 538-544.	4.5	30
13	Hispano-Moresque ceramic tiles from the Monastery of Santa Clara-a-Velha (Coimbra, Portugal). <i>Journal of Archaeological Science</i> , 2014, 41, 21-28.	2.4	28
14	Energetics of Alkylbenzyl Radicals: A Time-Resolved Photoacoustic Calorimetry Study. <i>Journal of Physical Chemistry A</i> , 2004, 108, 936-942.	2.5	27
15	Synthetic organic pigments in contemporary Balinese painting: a Raman microscopy study. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 1281-1292.	2.5	21
16	An innovative, interdisciplinary, and multi-technique study of gilding and painting techniques in the decoration of the main altarpiece of Miranda do Douro Cathedral (XVII-XVIII centuries). <i>Journal of Raman Spectroscopy</i> , 2017, 48, 107-115.	2.5	20
17	Pigment analysis of Portuguese portrait miniatures of 17th and 18th centuries by Raman Microscopy and SEM-EDS. <i>Journal of Raman Spectroscopy</i> , 2014, 45, 947-957.	2.5	15
18	The Glaze Technology of Hispano-Moresque Ceramic Tiles: A Comparison Between Portuguese and Spanish Collections. <i>Archaeometry</i> , 2017, 59, 667-684.	1.3	15

#	ARTICLE	IF	CITATIONS
19	Time-resolved luminescence studies of Eu ³⁺ in soda-lime silicate glasses. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2014, 134, 29-38.	2.3	14
20	Uranium glass in museum collections. <i>Journal of Cultural Heritage</i> , 2008, 9, e64-e68.	3.3	13
21	Mineralogical Characterization of Hispano-Moresque Glazes: A μ -Raman and Scanning Electron Microscopy with X-Ray Energy Dispersive Spectrometry (SEM-EDS) Study. <i>Microscopy and Microanalysis</i> , 2018, 24, 300-309.	0.4	12
22	Non-destructive characterization of oriental porcelain glazes and blue underglaze pigments using ^{137}Cs -EDXRF, ^{137}Cs -Raman and VP-SEM. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 114, 695-703.	2.3	11
23	Baroque glass mosaics from the Capela de São João Baptista (Chapel of Saint John the Baptist, Lisbon): unveiling the glassmaking records. <i>Journal of Raman Spectroscopy</i> , 2015, 46, 483-492.	2.5	7
24	Chemical, physical and mineralogical characterisation of the Hispano-Moresque tile collection from Lisbon Roman Theatre Museum. <i>Conservar Património</i> , 2018, 29, 25-39.	0.4	4
25	The Colors and Techniques of 17th Century Portuguese <i>Azulejos</i> : a Multi-Analytical Study. <i>Microscopy and Microanalysis</i> , 2011, 17, 1782-1783.	0.4	1