

Stamatis Boyatzis

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

401
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933447

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all docs

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docs citations

33
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Thin-Film Study on the Oxidation of Linseed Oil in the Presence of Selected Copper Pigments. <i>Chemistry of Materials</i> , 1999, 11, 2013-2022.	6.7	44
2	A study of the deterioration of aged parchment marked with laboratory iron gall inks using FTIR-ATR spectroscopy and micro hot table. <i>Heritage Science</i> , 2016, 4, .	2.3	40
3	Highly Efficient Bicolor (Green~Blue) Fluorescence Imaging in Polymeric Films. <i>Chemistry of Materials</i> , 2002, 14, 790-796.	6.7	35
4	Fatty Acids and Their Metal Salts: A Review of Their Infrared Spectra in Light of Their Presence in Cultural Heritage. <i>Molecules</i> , 2021, 26, 6005.	3.8	35
5	UV exposure and temperature effects on curing mechanisms in thin linseed oil films: Spectroscopic and chromatographic studies. <i>Journal of Applied Polymer Science</i> , 2002, 84, 936-949.	2.6	30
6	Evaluation of poly(hydroxyethyl methacrylate) imaging chemistries for micropatterning applications. <i>Journal of Materials Chemistry</i> , 2004, 14, 3312.	6.7	29
7	Preparation, crystal structure and solution studies of $[Mn_2L_2Cl_4(H_2O)_2]$, where $L=2-(2\text{-pyridyl})\text{quinoxaline}$. <i>Polyhedron</i> , 1999, 18, 1615-1620.	2.2	28
8	Spectroscopic Investigations on the Depth-Dependent Degradation Gradients of Aged Triterpenoid Varnishes. <i>Applied Spectroscopy</i> , 2007, 61, 1045-1051.	2.2	18
9	Photocatalytic mineralization of chlorinated organic pollutants in water by polyoxometallates. Determination of intermediates and final degradation products. <i>Research on Chemical Intermediates</i> , 2000, 26, 235-251.	2.7	17
10	Photochemistry of 2,5,7,7-tetraphenyl-7-boratabicyclo[4.1.0]hepta-2,4-diene (a boratanorcaradiene) $Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5$	3.2	14
11	Linking Infrared Spectra of Laboratory Iron Gall Inks Based on Traditional Recipes with their Material Components. <i>Applied Spectroscopy</i> , 2018, 72, 1511-1527.	2.2	11
12	Organic Remains in Early Christian Egyptian Metal Vessels: Investigation with Fourier Transform Infrared Spectroscopy and Gas Chromatography~Mass Spectrometry. <i>Heritage</i> , 2021, 4, 3611-3629.	1.9	11
13	Chemiluminescence of lophines in micellar media: Irradiation-induced regeneration of p-dimethylaminolophine during the light reaction. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1988, 44, 335-347.	3.9	9
14	Lophines in micellar environments: spectroscopic behaviour and chemiluminescence. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1993, 74, 65-73.	3.9	9
15	Characterization of a Water-Dispersible Metal Protective Coating with Fourier Transform Infrared Spectroscopy, Modulated Differential Scanning Calorimetry, and Ellipsometry. <i>Applied Spectroscopy</i> , 2012, 66, 580-590.	2.2	9
16	Optimizing the biomimetic synthesis of hydroxyapatite for the consolidation of bone using diammonium phosphate, simulated body fluid, and gelatin. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	8
17	Absorption, Fluorescence and Chemiluminescence Spectra of 2,4,5-Triphenylimidazole (Lophine) and 2-(p-Dimethyl-Aminophenyl)-4,5-Diphenylimidazole in Micellar Solutions. <i>Molecular Crystals and Liquid Crystals</i> , 1986, 137, 403-412.	0.8	6
18	The role of standards in conservation methods for metals in cultural heritage. , 2013, , 478-517.		6

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19	The effect of TiO ₂ component on the properties of acrylic and urea-aldehyde resins under accelerated ageing conditions. <i>Pure and Applied Chemistry</i> , 2017, 89, 1659-1671.	1.9	5
20	Organic Green Corrosion Inhibitors Derived from Natural and/or Biological Sources for Conservation of Metals Cultural Heritage. , 2021, , 341-367.		5
21	Post-Exposure Bake Kinetics in Epoxy Novolac-Based Chemically Amplified Resists. <i>ACS Symposium Series</i> , 1998, , 345-357.	0.5	4
22	UV-laser Ablation of Polymerized Resin Layers and Possible Oxidation Processes in Oil-Based Painting Media. , 2000, , 115-122.		3
23	Laser ablation of aged resin layers: a means of uncovering the scalar degree of aging. , 2001, 4430, 181.		3
24	Photo-, radio- and sonostoragechemiluminescence of buckminsterfullerene C 60. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2001, 143, 93-97.	3.9	3
25	Siderophores and their Applications in Wood, Textile, and Paper Conservation. , 2021, , 301-339.		3
26	Oil Media on Paper: Investigating the Effect of Linseed Oils on Lignocellulosic Paper Supports. <i>Analyticaâ€”A Journal of Analytical Chemistry and Chemical Analysis</i> , 2022, 3, 266-286.	1.7	3
27	Identification of Colourants and Varnishes in a 14th Century Decorated Wood-Carved Door of the Dionysiou Monastery in Mount Athos. <i>Coatings</i> , 2021, 11, 1087.	2.6	2
28	Did Dionysius of Fourni Follow the Material Recipes Described in His Own Treatise? A First Analytical Investigation of Four of His Panel Paintings. <i>Heritage</i> , 2021, 4, 3770-3789.	1.9	2
29	Characterisation and Analysis of Metallic Artefacts from the Pylos Archaeological Museum. <i>Science and Technology of Archaeological Research</i> , 2017, 3, 161-168.	2.4	1
30	Chemical Characterization of Waterlogged Charred Wood: The Case of a Medieval Shipwreck. <i>Forests</i> , 2021, 12, 1594.	2.1	1