

VÃ©ronique Rouchon

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

275
citations

933447

10
h-index

940533

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23
all docs

23
docs citations

23
times ranked

273
citing authors

#	ARTICLE	IF	CITATIONS
1	The use of XRF imaging for the chemical discrimination of iron-gall ink inscriptions: A case study in Stradivari's workshop. <i>X-Ray Spectrometry</i> , 2021, 50, 244-252.	1.4	5
2	Paper sizing with gelatine: from the macro- to the nano-scale. <i>Cellulose</i> , 2021, 28, 2419-2432.	4.9	10
3	Beneficial effect of gelatin on iron gall ink corrosion. <i>Heritage Science</i> , 2021, 9, .	2.3	3
4	Study of the influence of water and oxygen on the morphology and chemistry of pyritized lignite: Implications for the development of a preventive drying protocol. <i>Journal of Cultural Heritage</i> , 2020, 42, 117-130.	3.3	0
5	Scanning Electrochemical Microscopy for the Electroless Deposition of Gold on Natural Pyrite: Effect of Ferric Ions. <i>ChemElectroChem</i> , 2019, 6, 779-786.	3.4	8
6	Ingres [™] Drawings: Retrospective Conservation Practices. <i>Journal of Paper Conservation</i> , 2018, 19, 88-98.	0.1	0
7	Gypsum growth induced by pyrite oxidation jeopardises the conservation of fossil specimens: an example from the Xiaheyan entomofauna (Late Carboniferous, China). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 507, 15-29.	2.3	5
8	Behavior of cellobiose in iron-containing solutions: towards a better understanding of the dominant mechanism of degradation of cellulosic paper by iron gall inks. <i>Cellulose</i> , 2017, 24, 5101-5115.	4.9	6
9	Neutron imaging investigation of fossil woods: non-destructive characterization of microstructure and detection of in situ changes as occurring in museum cabinets. <i>Fossil Record</i> , 2017, 20, 95-103.	1.4	4
10	Application of Arrhenius law to DP and zero-span tensile strength measurements taken on iron gall ink impregnated papers: relevance of artificial ageing protocols. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	2.3	15
11	Investigating the DMPO-formate spin trapping method for the study of paper iron gall ink corrosion. <i>New Journal of Chemistry</i> , 2016, 40, 9098-9110.	2.8	14
12	Alterations of fossil-bearing shale (Autun, France; Permian), part III: Framboidal pyrite and sulfur as the main cause of efflorescence. <i>Annales De Paleontologie</i> , 2016, 102, 31-40.	0.5	3
13	Alteration of fossil-bearing shale (Autun, France; Permian), part II: Monitoring artificial and natural ageing by combined use of S and Ca K-edge XANES analysis, Rock-Eval pyrolysis and FTIR analysis. <i>Annales De Paleontologie</i> , 2015, 101, 225-239.	0.5	13
14	Alteration of fossil-bearing shale (Autun Basin, France; Permian), part I: Characterizing iron speciation and its vulnerability to weathering by combined use of Mössbauer spectroscopy, X-ray diffraction, porosimetry and permeability measurements. <i>Annales De Paleontologie</i> , 2015, 101, 75-85.	0.5	6
15	Accelerated ageing of shales of palaeontological interest: Impact of temperature conditions. <i>Annales De Paleontologie</i> , 2014, 100, 137-149.	0.5	6
16	The use of halide charged interleaves for treatment of iron gall ink damaged papers. <i>Polymer Degradation and Stability</i> , 2013, 98, 1339-1347.	5.8	10
17	Raman and FTIR spectroscopy applied to the conservation report of palaeontological collections: identification of Raman and FTIR signatures of several iron sulfate species such as ferrinatrite and sideronatrite. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 1265-1274.	2.5	34
18	Combining XANES, ICP-AES, and SEM/EDS for the study of phytate chelating treatments used on iron gall ink damaged manuscripts. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 2434.	3.0	19

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19	Room-Temperature Study of Iron Gall Ink Impregnated Paper Degradation under Various Oxygen and Humidity Conditions: Time-Dependent Monitoring by Viscosity and X-ray Absorption Near-Edge Spectrometry Measurements. <i>Analytical Chemistry</i> , 2011, 83, 2589-2597.	6.5	49
20	FTIR techniques applied to the detection of gelatine in paper artifacts: from macroscopic to microscopic approach. <i>Applied Physics A: Materials Science and Processing</i> , 2010, 100, 663-669.	2.3	21
21	Determination of the Fe(II)/Fe(III) ratio in iron gall inks by potentiometry: A preliminary study. <i>Journal of Electroanalytical Chemistry</i> , 2010, 650, 16-23.	3.8	22
22	The Water Sensitivity of Iron Gall Ink and its Risk Assessment. <i>Studies in Conservation</i> , 2009, 54, 236-254.	1.1	22