

Kathryn A Dooley

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

769
citations

623734

14
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

719
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual mode standoff imaging spectroscopy documents the painting process of the Lamb of God in the Ghent Altarpiece by J. and H. Van Eyck. <i>Science Advances</i> , 2020, 6, eabb3379.	10.3	12
2	Molecular Fluorescence Imaging Spectroscopy for Mapping Low Concentrations of Red Lake Pigments: Van Gogh's Painting The Olive Orchard. <i>Angewandte Chemie</i> , 2020, 132, 6102-6109.	2.0	4
3	Molecular Fluorescence Imaging Spectroscopy for Mapping Low Concentrations of Red Lake Pigments: Van Gogh's Painting The Olive Orchard. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6046-6053.	13.8	14
4	Near-UV to mid-IR reflectance imaging spectroscopy of paintings on the macroscale. <i>Science Advances</i> , 2019, 5, eaaw7794.	10.3	26
5	Macroscopic x-ray powder diffraction imaging reveals Vermeer's discriminating use of lead white pigments in Girl with a Pearl Earring. <i>Science Advances</i> , 2019, 5, eaax1975.	10.3	35
6	Revealing Degas's process and material choices in a late pastel on tracing paper with visible-to-near-infrared reflectance imaging spectroscopy. <i>Journal of the American Institute for Conservation</i> , 2019, 58, 108-121.	0.5	4
7	A John White Alexander painting: A comparison of imaging technologies for resolving a painting under another painting. <i>Journal of the American Institute for Conservation</i> , 2019, 58, 37-53.	0.5	3
8	Beauty is skin deep: the skin tones of Vermeer's Girl with a Pearl Earring. <i>Heritage Science</i> , 2019, 7, .	2.3	23
9	Integrated X-ray fluorescence and diffuse visible-to-near-infrared reflectance scanner for standoff elemental and molecular spectroscopic imaging of paints and works on paper. <i>Heritage Science</i> , 2018, 6, .	2.3	35
10	Separating two painting campaigns in Saul and David, attributed to Rembrandt, using macroscale reflectance and XRF imaging spectroscopies and microscale paint analysis. <i>Heritage Science</i> , 2018, 6, .	2.3	13
11	Standoff Mid-Infrared Emissive Imaging Spectroscopy for Identification and Mapping of Materials in Polychrome Objects. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7341-7345.	13.8	11
12	Van Gogh's Irises and Roses: the contribution of chemical analyses and imaging to the assessment of color changes in the red lake pigments. <i>Heritage Science</i> , 2017, 5, .	2.3	45
13	Standoff chemical imaging finds evidence for Jackson Pollock's selective use of alkyd and oil binding media in a famous 'drip' painting. <i>Analytical Methods</i> , 2017, 9, 28-37.	2.7	23
14	A high sensitivity, low noise and high spatial resolution multi-band infrared reflectography camera for the study of paintings and works on paper. <i>Heritage Science</i> , 2017, 5, .	2.3	19
15	Visible and infrared imaging spectroscopy of paintings and improved reflectography. <i>Heritage Science</i> , 2016, 4, .	2.3	86
16	Complementary Standoff Chemical Imaging to Map and Identify Artist Materials in an Early Italian Renaissance Panel Painting. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13775-13779.	13.8	55
17	Mapping of egg yolk and animal skin glue paint binders in Early Renaissance paintings using near infrared reflectance imaging spectroscopy. <i>Analyst</i> , 2013, 138, 4838.	3.5	117
18	Transcutaneous Raman Spectroscopy of Murine Bone In Vivo. <i>Applied Spectroscopy</i> , 2009, 63, 286-295.	2.2	102

#	ARTICLE	IF	CITATIONS
19	Image-guided Raman spectroscopic recovery of canine cortical bone contrast in situ. Optics Express, 2008, 16, 12190.	3.4	38
20	Subsurface and Transcutaneous Raman Spectroscopy and Mapping Using Concentric Illumination Rings and Collection with a Circular Fiber-Optic Array. Applied Spectroscopy, 2007, 61, 671-678.	2.2	80