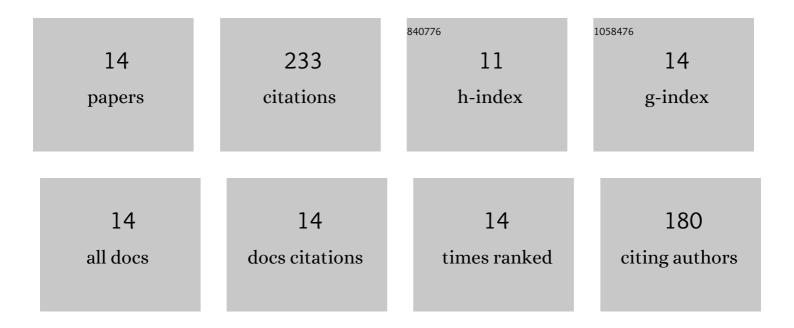
Annelies van Loon

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2370987/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Macroscopic x-ray powder diffraction imaging reveals Vermeer's discriminating use of lead white pigments in <i>Girl with a Pearl Earring</i> . Science Advances, 2019, 5, eaax1975.	10.3	35
2	Transmission and Reflection Mode Macroscopic X-ray Powder Diffraction Imaging for the Noninvasive Visualization of Paint Degradation in Still Life Paintings by Jan Davidsz. de Heem. Analytical Chemistry, 2019, 91, 7153-7161.	6.5	30
3	Beauty is skin deep: the skin tones of Vermeer's Girl with a Pearl Earring. Heritage Science, 2019, 7, .	2.3	23
4	Imaging secondary reaction products at the surface of Vermeer's Girl with the Pearl Earring by means of macroscopic X-ray powder diffraction scanning. Heritage Science, 2019, 7, .	2.3	23
5	Combined Micro- and Macro scale X-ray powder diffraction mapping of degraded Orpiment paint in a 17th century still life painting by Martinus Nellius. Heritage Science, 2019, 7, .	2.3	23
6	Unravelling the spatial dependency of the complex solid-state chemistry of Pb in a paint micro-sample from Rembrandt's Homer using XRD-CT. Chemical Communications, 2019, 55, 1931-1934.	4.1	19
7	The role of smalt in complex pigment mixtures in Rembrandt's Homer 1663: combining MA-XRF imaging, microanalysis, paint reconstructions and OCT. Heritage Science, 2020, 8, .	2.3	16
8	Artificial orpiment, a new pigment in Rembrandt's palette. Heritage Science, 2017, 5, .	2.3	15
9	Synchrotron micro-XRD and micro-XRD-CT reveal newly formed lead–sulfur compounds in Old Master paintings. Journal of Analytical Atomic Spectrometry, 2020, 35, 2267-2273.	3.0	14
10	Fading into the background: the dark space surrounding Vermeer's Girl with a Pearl Earring. Heritage Science, 2019, 7, .	2.3	11
11	Out of the blue: Vermeer's use of ultramarine in Girl with a Pearl Earring. Heritage Science, 2020, 8, .	2.3	11
12	Development of a new portable X-ray powder diffractometer and its demonstration to on-site analysis of two selected old master paintings from the Rijksmuseum. Microchemical Journal, 2018, 138, 266-272.	4.5	6
13	An Exceptional Commission. Rijksmuseum Bulletin, 2018, 66, 308-345.	0.1	5
14	The blues of Jan de Bray's Judith and Holofernes: A technical study of two blue pigments and its impact on treatment. Journal of the American Institute for Conservation, 2019, 58, 217-232.	0.5	2