

# Annelies van Loon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2370987/publications.pdf>

Version: 2024-02-01

14  
papers

233  
citations

840776

11  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

180  
citing authors

#	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> . <i>Science Advances</i> , 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. <i>Analytical Chemistry</i> , 2019, 91, 7153-7161.	6.5	30
3	Beauty is skin deep: the skin tones of Vermeer's <i>Girl with a Pearl Earring</i> . <i>Heritage Science</i> , 2019, 7, .	2.3	23
4	Imaging secondary reaction products at the surface of Vermeer's <i>Girl with the Pearl Earring</i> by means of macroscopic X-ray powder diffraction scanning. <i>Heritage Science</i> , 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 Nellijs. <i>Heritage Science</i> , 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 <i>Homer</i> using XRD-CT. <i>Chemical Communications</i> , 2019, 55, 1931-1934.	4.1	19
7	The role of smalt in complex pigment mixtures in Rembrandt's <i>Homer 1663</i> : combining MA-XRF imaging, microanalysis, paint reconstructions and OCT. <i>Heritage Science</i> , 2020, 8, .	2.3	16
8	Artificial orpiment, a new pigment in Rembrandt's palette. <i>Heritage Science</i> , 2017, 5, .	2.3	15
9	Synchrotron micro-XRD and micro-XRD-CT reveal newly formed lead-sulfur compounds in Old Master paintings. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 2267-2273.	3.0	14
10	Fading into the background: the dark space surrounding Vermeer's <i>Girl with a Pearl Earring</i> . <i>Heritage Science</i> , 2019, 7, .	2.3	11
11	Out of the blue: Vermeer's use of ultramarine in <i>Girl with a Pearl Earring</i> . <i>Heritage Science</i> , 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. <i>Microchemical Journal</i> , 2018, 138, 266-272.	4.5	6
13	An Exceptional Commission. <i>Rijksmuseum Bulletin</i> , 2018, 66, 308-345.	0.1	5
14	The blues of Jan de Bray's <i>Judith and Holofernes</i> : A technical study of two blue pigments and its impact on treatment. <i>Journal of the American Institute for Conservation</i> , 2019, 58, 217-232.	0.5	2