

# Kate Helwig

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2996563/publications.pdf>

Version: 2024-02-01

19  
papers

289  
citations

933447

10  
h-index

940533

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

330  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ancient projectile weapons from ice patches in northwestern Canada: identification of resin and compound resin-ochre hafting adhesives. <i>Journal of Archaeological Science</i> , 2014, 41, 655-665.	2.4	39
2	Inside Amber: The Structural Role of Succinic Acid in Class Ia and Class Id Resinite. <i>Analytical Chemistry</i> , 2014, 86, 7428-7435.	6.5	35
3	The Identification of Hafting Adhesive on a Slotted Antler Point from a Southwest Yukon Ice Patch. <i>American Antiquity</i> , 2008, 73, 279-288.	1.1	31
4	Class Id resinite from Canada: A new sub-class containing succinic acid. <i>Organic Geochemistry</i> , 2012, 44, 37-44.	1.8	30
5	Conservation Issues in Several Twentieth-Century Canadian Oil Paintings: The Role of Zinc Carboxylate Reaction Products. , 2014, , 167-184.		26
6	Infrared chemical mapping of degradation products in cross-sections from paintings and painted objects. <i>Heritage Science</i> , 2019, 7, .	2.3	22
7	The Identification of Multiple Crystalline Zinc Soap Structures Using Infrared Spectroscopy. <i>Applied Spectroscopy</i> , 2020, 74, 1505-1514.	2.2	20
8	A Note on Burnt Yellow Earth Pigments: Documentary Sources and Scientific Analysis. <i>Studies in Conservation</i> , 1997, 42, 181.	1.1	19
9	Inside amber: New insights into the macromolecular structure of Class Ib resinite. <i>Organic Geochemistry</i> , 2015, 86, 94-106.	1.8	19
10	The characterisation of amber from deposit sites in western and northern Canada. <i>Journal of Archaeological Science: Reports</i> , 2016, 7, 155-168.	0.5	17
11	The Formation of Calcium Fatty Acid Salts in Oil Paint: Two Case Studies. <i>Cultural Heritage Science</i> , 2019, , 297-311.	0.4	4
12	Rita Letendre's Oil Paintings from the 1960s: The Effect of Artist's Materials on Degradation Phenomena. <i>Studies in Conservation</i> , 2021, 66, 64-78.	1.1	4
13	MARS COLOURS: PREPARATION METHODS AND CHEMICAL COMPOSITION. <i>Studies in Conservation</i> , 1998, 43, 23-23.	1.1	3
14	Investigation of Fogging on Glass Display Cases at the Royal Ontario Museum. <i>Studies in Conservation</i> , 2020, 65, 1-13.	1.1	3
15	Ancient throwing dart reveals first archaeological evidence of castoreum. <i>Journal of Archaeological Science: Reports</i> , 2021, 37, 102949.	0.5	3
16	ANALYSIS OF THE PAINTED <i>ŒUVRE</i> OF JEAN-PAUL RIOPELLE: FROM OIL TO MIXED MEDIA. <i>Studies in Conservation</i> , 2004, 49, 170-173.	1.1	2
17	Identification of white efflorescence on wooden African objects. <i>Studies in Conservation</i> , 2014, 59, 69-78.	1.1	1
18	Pyroxyline Paintings by Siqueiros: Visual and Analytical Examination of His Painting Techniques. <i>ACS Symposium Series</i> , 2000, , 185-201.	0.5	0

#	ARTICLE	IF	CITATIONS
19	A Study of Softening and Liquefying Oil Paint on Womenizer by Alex Janvier. , 2019, , 309-324.		0