

Catherine Higgitt

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6189723/publications.pdf>

Version: 2024-02-01

7
papers

64
citations

1937685

4
h-index

2053705

5
g-index

7
all docs

7
docs citations

7
times ranked

37
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial intelligence for art investigation: Meeting the challenge of separating x-ray images of the Ghent Altarpiece. <i>Science Advances</i> , 2019, 5, eaaw7416.	10.3	24
2	Neural network-based classification of X-ray fluorescence spectra of artists' pigments: an approach leveraging a synthetic dataset created using the fundamental parameters method. <i>Heritage Science</i> , 2022, 10, .	2.3	13
3	Identifying Brazilwood's Marker Component, Urolithin C, in Historical Textiles by Surface-Enhanced Raman Spectroscopy. <i>Heritage</i> , 2021, 4, 1415-1428.	1.9	10
4	When de Prony Met Leonardo: An Automatic Algorithm for Chemical Element Extraction From Macro X-Ray Fluorescence Data. <i>IEEE Transactions on Computational Imaging</i> , 2021, 7, 908-924.	4.4	9
5	Revealing Hidden Drawings in Leonardo's "the Virgin of the Rocks" from Macro X-Ray Fluorescence Scanning Data through Element Line Localisation. , 2020, , .		4
6	A Learning Based Approach to Separate Mixed X-Ray Images Associated with Artwork with Concealed Designs. , 2021, , .		2
7	Mixed X-Ray Image Separation for Artworks With Concealed Designs. <i>IEEE Transactions on Image Processing</i> , 2022, 31, 4458-4473.	9.8	2