

J Bianca Jackson

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

770
citations

840119

11
h-index

940134

16
g-index

26
all docs

26
docs citations

26
times ranked

589
citing authors

#	ARTICLE	IF	CITATIONS
1	Terahertz imaging for non-destructive evaluation of mural paintings. Optics Communications, 2008, 281, 527-532.	1.0	181
2	A Survey of Terahertz Applications in Cultural Heritage Conservation Science. IEEE Transactions on Terahertz Science and Technology, 2011, 1, 220-231.	2.0	181
3	Terahertz frequency-wavelet domain deconvolution for stratigraphic and subsurface investigation of art painting. Optics Express, 2016, 24, 26972.	1.7	62
4	Papyrus imaging with terahertz time domain spectroscopy. Applied Physics A: Materials Science and Processing, 2010, 100, 607-612.	1.1	60
5	Terahertz deconvolution. Optics Express, 2012, 20, 27230.	1.7	57
6	Terahertz time-domain imaging of hidden defects in wooden artworks: application to a Russian icon painting. Applied Optics, 2014, 53, 1033.	0.9	42
7	Terahertz pulse imaging for tree-ring analysis: a preliminary study for dendrochronology applications. Measurement Science and Technology, 2009, 20, 075502.	1.4	41
8	Sub-surface terahertz imaging through uneven surfaces: visualizing Neolithic wall paintings in ÄtatalhÄ¶yÄ¼k. Optics Express, 2013, 21, 8126.	1.7	34
9	Terahertz pulse imaging in archaeology. Frontiers of Optoelectronics, 2015, 8, 81-92.	1.9	26
10	Investigation of Terra Cotta artefacts with terahertz. Applied Physics A: Materials Science and Processing, 2011, 105, 5-9.	1.1	15
11	Contrast in Terahertz Images of Archival Documentsâ€”Part I: Influence of the Optical Parameters from the Ink and Support. Journal of Infrared, Millimeter, and Terahertz Waves, 2017, 38, 443-466.	1.2	13
12	Terahertz analysis of stratified wall plaster at buildings of cultural importance across Europe. , 2013, , .		8
13	Terahertz investigation of Egyptian artifacts. , 2010, , .		7
14	Sub-surface Terahertz Imaging through Uneven Surfaces: Visualizing Neolithic Wall Paintings in ÄtatalhÄ¶yÄ¼k. , 2012, , .		7
15	Terahertz time-domain reflectometry applied to the investigation of hidden mural paintings. , 2008, , .		6
16	Pulsed terahertz investigation of corroded and mineralized copper alloy historical artifacts. , 2011, , .		6
17	Terahertz pulse imaging of stratified architectural materials for cultural heritage studies. Proceedings of SPIE, 2011, , .	0.8	6
18	Cyclododecane as a Contrast Improving Substance for the Terahertz Imaging of Artworks. IEEE Transactions on Terahertz Science and Technology, 2015, 5, 1005-1011.	2.0	6

#	ARTICLE	IF	CITATIONS
19	Deconvolution: Imaging the unturned page. , 2011, , .		4
20	Case study of Sainte-Marie Chapel, Fontaine Chaalis (France): complementarity of different optical techniques. Proceedings of SPIE, 2015, , .	0.8	3
21	Terahertz and multispectral imaging of a Tanda painting. Proceedings of SPIE, 2015, , .	0.8	2
22	Ultrafast Laser Cleaning of Daguerreotypes. Materials Research Society Symposia Proceedings, 2011, 1319, 1.	0.1	1
23	Terahertz pulse investigation of Paleolithic wall etchings. , 2014, , .		1
24	TISCH - Terahertz Imaging and Spectroscopy in Cultural Heritage: applications in archeology, architecture and art conservation science. , 2016, , .		1
25	Terahertz metrology of tree rings for dendrochronology and cultural heritage applications. , 2009, , .		0
26	Comparative study of mid-20 th C. Art using THz and X-ray imaging. , 2016, , .		0