

# Sergio Augusto Barcellos Lins

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6308970/publications.pdf>

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15  
papers

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1478505

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1281871

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16  
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docs citations

16  
times ranked

142  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detectors and Cultural Heritage: The INFN-CHNet Experience. Applied Sciences (Switzerland), 2021, 11, 3462.	2.5	26
2	Differential X-Ray Attenuation in MA-XRF Analysis for a Non-invasive Determination of Gilding Thickness. Frontiers in Chemistry, 2020, 8, 175.	3.6	20
3	Mechanical and thermal properties of high-density polyethylene/alumina/glass fiber hybrid composites. Journal of Thermoplastic Composite Materials, 2019, 32, 1566-1581.	4.2	16
4	Exploring Manufacturing Process and Degradation Products of Gilt and Painted Leather. Applied Sciences (Switzerland), 2019, 9, 3016.	2.5	14
5	Testing the Accuracy of the Calculation of Gold Leaf Thickness by MC Simulations and MA-XRF Scanning. Applied Sciences (Switzerland), 2020, 10, 3582.	2.5	13
6	Modular MA-XRF Scanner Development in the Multi-Analytical Characterisation of a 17th Century Azulejo from Portugal. Sensors, 2021, 21, 1913.	3.8	8
7	The techniques and materials of a 16th century drawing by Giorgio Vasari: A multi-analytical investigation. Microchemical Journal, 2021, 170, 106757.	4.5	7
8	Nuragic Working Tools Characterization with Corrosion Layer Determinations. Materials, 2022, 15, 3879.	2.9	4
9	XISMuS " X-ray fluorescence imaging software for multiple samples. SoftwareX, 2020, 12, 100621.	2.6	3
10	Monte Carlo Simulations of ED-XRF Spectra as an Authentication Tool for Nuragic Bronzes. Heritage, 2021, 4, 1912-1919.	1.9	3
11	Characterisation of corrosion products on copper-based artefacts: potential of MA-XRF measurementsties of MA-XRF measurement. Acta IMEKO (2012), 2021, 10, 136.	0.7	2
12	Characterisation of Alloy Composition of Protohistoric Small Boat Models from Sardinia (Italy). Materials, 2022, 15, 1324.	2.9	2
13	Multispectral Analysis of Miniature Nuragic Bronze Flasks. Heritage, 2021, 4, 1716-1724.	1.9	1
14	From Raphael (La Deposizione) to Raphael (La Fornarina): a Circumnavigation Accompanying the Evolution of Energy-Dispersive XRF Devices. Brazilian Journal of Physics, 2022, 52, 1.	1.4	1
15	The Strange Case of the Nuragic Offerers Bronze Statuettes: A Multi-Analytical Study. Materials, 2022, 15, 4174.	2.9	0