

# Patricia Carolina Gutierrez-Neira

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1285950/publications.pdf>

Version: 2024-02-01

15  
papers

207  
citations

933447

10  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

300  
citing authors

#	ARTICLE	IF	CITATIONS
1	Current status and future developments of the ion beam facility at the centre of micro-analysis of materials in Madrid. <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	32
2	New approaches for investigating paintings by ion beam techniques. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2010, 268, 2086-2091.	1.4	26
3	Composition, nanostructure, and optical properties of silver and silver-copper lusters. <i>Journal of Applied Physics</i> , 2012, 112, 054307.	2.5	23
4	Color and Golden Shine of Silver Islamic Luster. <i>Journal of the American Ceramic Society</i> , 2010, 93, 2320-2328.	3.8	20
5	Pre-hispanic goldwork technology. The Quimbaya Treasure, Colombia. <i>Journal of Archaeological Science</i> , 2013, 40, 2326-2334.	2.4	18
6	Raman spectroscopy analysis of pigments on Diego Velázquez paintings. <i>Vibrational Spectroscopy</i> , 2013, 69, 13-20.	2.2	17
7	Late Bronze Age hoard studied by PIXE. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2011, 269, 3082-3086.	1.4	15
8	Study of ancient Islamic gilded pieces combining PIXE-RBS on external microprobe with sem images. <i>Applied Physics A: Materials Science and Processing</i> , 2008, 92, 235-241.	2.3	13
9	The visigothic treasure of Torredonjimeno (Jaén, Spain): A study with IBA techniques. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2006, 249, 638-641.	1.4	12
10	Proton beam modification of lead white pigments. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2013, 307, 20-24.	1.4	12
11	Rise and course of an elusive technology: metal gilding. <i>Trabajos De Prehistoria</i> , 2008, 65, .	0.7	5
12	Detection of beryllium treatment of natural sapphires by NRA. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2010, 268, 2038-2041.	1.4	4
13	IBA analysis of a laser cleaned archaeological metal object: The San Esteban de Gormaz cross (Soria-Spain). <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2011, 269, 3115-3119.	1.4	4
14	Radiochromic film dosimetry for protons up to 10 MeV with EBT2, EBT3 and unlaminated EBT3 films. <i>Physics in Medicine and Biology</i> , 2021, 66, 115006.	3.0	4
15	Study of medieval enamelling on gilded objects combining SEM-EDAX and PIXE. <i>Applied Physics A: Materials Science and Processing</i> , 2010, 99, 377-381.	2.3	2