

# Teresa Palomar

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

421  
citations

687363

13  
h-index

794594

19  
g-index

39  
all docs

39  
docs citations

39  
times ranked

335  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of laser cleaning for the restoration of tarnished silver artifacts. <i>Applied Surface Science</i> , 2016, 387, 118-127.	6.1	41
2	Early stages of surface alteration of soda-rich-silicate glasses in the museum environment. <i>Corrosion Science</i> , 2018, 143, 362-375.	6.6	34
3	A comparative study of cleaning methods for tarnished silver. <i>Journal of Cultural Heritage</i> , 2016, 17, 20-26.	3.3	28
4	Effect of marine aerosols on the alteration of silicate glasses. <i>Journal of Non-Crystalline Solids</i> , 2017, 471, 328-337.	3.1	25
5	Analysis of chromophores in stained-glass windows using Visible Hyperspectral Imaging in-situ. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 223, 117378.	3.9	24
6	Laser induced breakdown spectroscopy for analysis and characterization of degradation pathologies of Roman glasses. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2013, 87, 114-120.	2.9	21
7	Chemical composition and alteration processes of glasses from the Cathedral of León (Spain). <i>Boletín De La Sociedad Española De Cerámica Y Vidrio</i> , 2018, 57, 101-111.	1.9	20
8	Fungal biodeterioration of stained-glass windows in monuments from Belém do Pará (Brazil). <i>International Biodeterioration and Biodegradation</i> , 2019, 138, 106-113.	3.9	20
9	Decay processes of silicate glasses in river and marine aquatic environments. <i>Journal of Non-Crystalline Solids</i> , 2016, 449, 20-28.	3.1	19
10	Impact of solar radiation and environmental temperature on Art Nouveau glass windows. <i>Heritage Science</i> , 2019, 7, .	2.3	18
11	Early stages of glass alteration in the coastal atmosphere. <i>Building and Environment</i> , 2019, 147, 305-313.	6.9	17
12	Comparative assessment of stained-glass windows materials by infrared thermography. <i>International Journal of Applied Glass Science</i> , 2018, 9, 530-539.	2.0	16
13	Effect of soil pH on the degradation of silicate glasses. <i>International Journal of Applied Glass Science</i> , 2017, 8, 177-187.	2.0	14
14	Debitus grisailles for stained-glass conservation: an analytical study. <i>Conservar Património</i> , 2020, 34, 65-72.	0.4	11
15	The Influence of Environment in the Alteration of the Stained-Glass Windows in Portuguese Monuments. <i>Heritage</i> , 2018, 1, 365-376.	1.9	10
16	Hydrolytic resistance of $K_2O \cdot PbO \cdot SiO_2$ glasses in aqueous and high-humidity environments. <i>Journal of the American Ceramic Society</i> , 2020, 103, 5248-5258.	3.8	9
17	Christian-Muslim contacts across the Mediterranean: Byzantine glass mosaics in the Great Umayyad Mosque of Córdoba (Spain). <i>Journal of Archaeological Science</i> , 2021, 129, 105370.	2.4	9
18	Historical grisailles characterisation: A literature review. <i>Journal of Cultural Heritage</i> , 2021, 49, 239-249.	3.3	7

#	ARTICLE	IF	CITATIONS
19	The stability of the Ravenscroft's glass. Influence of the composition and the environment. <i>Journal of Non-Crystalline Solids</i> , 2021, 565, 120854.	3.1	7
20	Characterization of medieval-like glass alteration layers by laser spectroscopy and nonlinear optical microscopy. <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	7
21	Pigments, vinegar, and blood: Interpretation and reproduction of glassy materials from the medieval manuscript Hå€490. <i>International Journal of Applied Glass Science</i> , 2018, 9, 555-554.	2.0	6
22	Characterization of the alteration processes of historical glasses on the seabed. <i>Materials Chemistry and Physics</i> , 2018, 214, 391-401.	4.0	6
23	Spanish Royal glasses with crizzling in historical buildings. The importance of environmental monitoring for their conservation. <i>Building and Environment</i> , 2021, 202, 108054.	6.9	6
24	Environmental degradation of Modern non-balanced glasses. <i>Ge-Conservacion</i> , 0, 17, 226-232.	0.2	6
25	PatologÃas y estudio analÃtico de materiales procedentes de mosaicos de Carmona e ItÃlica. <i>Materiales De Construccion</i> , 2011, 61, 629-636.	0.7	6
26	Evaluation of the interaction of solar radiation with colored glasses and its thermal behavior. <i>Journal of Non-Crystalline Solids</i> , 2022, 579, 121376.	3.1	6
27	Comparative assessment of mechanical, chemical and electrochemical procedures for conservation of historical lead. <i>Journal of Cultural Heritage</i> , 2018, 30, 34-44.	3.3	5
28	Spectroscopic and Microscopic Characterization of Flashed Glasses from Stained Glass Windows. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5760.	2.5	5
29	19th century stained-glass windows from BelÃ©m do ParÃ (Brazil): Analytical characterisation and pathology. <i>Boletin De La Sociedad Espanola De Ceramica Y Vidrio</i> , 2018, 57, 133-141.	1.9	4
30	EvaluaciÃ³n ambiental de los fondos documentales de la biblioteca TomÃs Navarro TomÃs del CCHS-CSIC. <i>Revista Espanola De Documentacion Cientifica</i> , 2011, 34, 65-78.	0.4	4
31	Environmental evaluation with chemical sensors in the Palace Museum of WilanÃw. <i>Bulletin of the Polish Academy of Sciences: Technical Sciences</i> , 2011, 59, .	0.8	2
32	Reproducing crystal glass from three 18thâ€20th centuries Portuguese glass arcana. <i>International Journal of Applied Glass Science</i> , 2020, 11, 743-755.	2.0	2
33	Characterization of the Alteration of Debitus <i>Grisailles</i>. <i>Studies in Conservation</i> , 2022, 67, 413-422.	1.1	2
34	Fast Electrochemical Characterization of Historical Glasses Using Carbon Screenâ€Printed Electrodes and Ultrasonic Assisted Sampling. <i>Electroanalysis</i> , 2011, 23, 521-528.	2.9	1
35	Durability and stability study of Debitus grisailles. , 2019, , 272-276.		1
36	Estudio y estado de conservaciÃ³n de elementos metÃlicos de vidrieras de la Catedral de LeÃ³n. <i>Revista De Metalurgia</i> , 2010, 46, 260-273.	0.5	1

#	ARTICLE	IF	CITATIONS
37	Influence of volatile organic compounds (VOCs) in the alteration of historical unstable glasses. Journal of the American Ceramic Society, 0, , .	3.8	1
38	Different low-cost materials to prevent the alteration induced by formic acid on unstable glasses. Heritage Science, 2021, 9, .	2.3	0
39	Historical restorations of the Maqárah glass mosaics from the Great Mosque of Córdoba. Boletín De La Sociedad Española De Cerámica Y Vidrio, 2022, , .	1.9	0