

Maria F Macedo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9272176/publications.pdf>

Version: 2024-02-01

48
papers

1,750
citations

304368

22
h-index

276539

41
g-index

49
all docs

49
docs citations

49
times ranked

1671
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of Biology to Cultural Heritage. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 841.	1.3	0
2	Biodeterioration of Glass-Based Historical Building Materials: An Overview of the Heritage Literature from the 21st Century. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9552.	1.3	5
3	Testing the Feasibility of Titanium Dioxide Sol-Gel Coatings on Portuguese Glazed Tiles to Prevent Biological Colonization. <i>Coatings</i> , 2020, 10, 1169.	1.2	6
4	Stains versus colourants produced by fungi colonising paper cultural heritage: A review. <i>Journal of Cultural Heritage</i> , 2019, 35, 161-182.	1.5	45
5	Combining an innovative non-invasive sampling method and high-throughput sequencing to characterize fungal communities on a canvas painting. <i>International Biodeterioration and Biodegradation</i> , 2019, 145, 104816.	1.9	20
6	Biodeterioration of majolica glazed tiles by the fungus <i>Devriesia imbrexigena</i> . <i>Construction and Building Materials</i> , 2019, 212, 49-56.	3.2	16
7	Fungi in archives, libraries, and museums: a review on paper conservation and human health. <i>Critical Reviews in Microbiology</i> , 2019, 45, 686-700.	2.7	55
8	Fungal stains on paper: is what you see what you get?. <i>Conservar Património</i> , 2019, 32, 18-27.	0.5	26
9	What is the origin of the black film in the sculpture "Death of Cleopatra"?. <i>Conservar Património</i> , 2019, 32, 50-64.	0.5	0
10	The conservation of stained-glass windows in Latin America: A literature overview. <i>Journal of Cultural Heritage</i> , 2018, 34, 172-181.	1.5	6
11	Adhesives used in paper conservation: Chemical stability and fungal bioreceptivity. <i>Journal of Cultural Heritage</i> , 2018, 34, 53-60.	1.5	16
12	Ethanol as an antifungal treatment for paper: short-term and long-term effects. <i>Studies in Conservation</i> , 2017, 62, 33-42.	0.6	22
13	Clotrimazole and calcium hydroxide nanoparticles: A low toxicity antifungal alternative for paper conservation. <i>Journal of Cultural Heritage</i> , 2017, 24, 45-52.	1.5	13
14	Antifungal treatment of paper with calcium propionate and parabens: Short-term and long-term effects. <i>International Biodeterioration and Biodegradation</i> , 2017, 120, 203-215.	1.9	20
15	A multiproxy approach to evaluate biocidal treatments on biodeteriorated majolica glazed tiles. <i>Environmental Microbiology</i> , 2016, 18, 4794-4816.	1.8	33
16	Characterization of the glaze and in-glaze pigments of the nineteenth-century relief tiles from the Pena National Palace, Sintra, Portugal. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	1.1	9
17	4-MUF-NAG for fungal biomass determination: Scope and limitations in the context of biodeterioration studies. <i>Journal of Cultural Heritage</i> , 2016, 22, 992-998.	1.5	3
18	An integrated approach for assessing the bioreceptivity of glazed tiles to phototrophic microorganisms. <i>Biofouling</i> , 2016, 32, 243-259.	0.8	13

#	ARTICLE	IF	CITATIONS
19	Biological colonization and biodeterioration of architectural ceramic materials: An overview. <i>Journal of Cultural Heritage</i> , 2015, 16, 759-777.	1.5	65
20	Fungal biodeterioration of stained-glass windows. <i>International Biodeterioration and Biodegradation</i> , 2014, 90, 152-160.	1.9	36
21	A Multidisciplinary Approach to the Study of Archaeological Mortars from the Town of Ammaia in the Roman Province of Lusitania (Portugal). <i>Archaeometry</i> , 2014, 56, 1-24.	0.6	31
22	Microbial communities on deteriorated artistic tiles from Pena National Palace (Sintra, Portugal). <i>International Biodeterioration and Biodegradation</i> , 2013, 84, 322-332.	1.9	42
23	Identification of a fungal community on gilded wood carved heritage. <i>Journal of Cultural Heritage</i> , 2013, 14, 76-81.	1.5	2
24	Antifungals on paper conservation: An overview. <i>International Biodeterioration and Biodegradation</i> , 2012, 74, 67-86.	1.9	99
25	Indoor Air Quality in Portuguese Archives: A Snapshot on Exposure Levels. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2012, 75, 1359-1370.	1.1	14
26	Bioreceptivity of building stones: A review. <i>Science of the Total Environment</i> , 2012, 426, 1-12.	3.9	208
27	Evaluación de la influencia de la rugosidad superficial sobre la colonización epifítica de calizas mediante técnicas sin contacto. <i>Materiales De Construccion</i> , 2012, 62, 411-424.	0.2	11
28	Mould and yeast identification in archival settings: Preliminary results on the use of traditional methods and molecular biology options in Portuguese archives. <i>International Biodeterioration and Biodegradation</i> , 2011, 65, 619-627.	1.9	40
29	Laboratory-Induced Endolithic Growth in Calcarenes: Biodeteriorating Potential Assessment. <i>Microbial Ecology</i> , 2010, 60, 55-68.	1.4	25
30	Anatase as an alternative application for preventing biodeterioration of mortars: Evaluation and comparison with other biocides. <i>International Biodeterioration and Biodegradation</i> , 2010, 64, 388-396.	1.9	104
31	Primary bioreceptivity of limestones used in southern European monuments. <i>Geological Society Special Publication</i> , 2010, 331, 79-92.	0.8	22
32	The influence of inherent properties of building limestones on their bioreceptivity to phototrophic microorganisms. <i>Annals of Microbiology</i> , 2009, 59, 705-713.	1.1	43
33	Isolation of five <i>Rubrobacter</i> strains from biodeteriorated monuments. <i>Die Naturwissenschaften</i> , 2009, 96, 71-79.	0.6	87
34	Antifungal effect of different methyl and propyl paraben mixtures on the treatment of paper biodeterioration. <i>International Biodeterioration and Biodegradation</i> , 2009, 63, 267-272.	1.9	31
35	Growth of phototrophic biofilms from limestone monuments under laboratory conditions. <i>International Biodeterioration and Biodegradation</i> , 2009, 63, 860-867.	1.9	39
36	Risk assessment: A comparative study of archive storage rooms. <i>Journal of Cultural Heritage</i> , 2009, 10, 428-434.	1.5	9

#	ARTICLE	IF	CITATIONS
37	Biodiversity of cyanobacteria and green algae on monuments in the Mediterranean Basin: an overview. <i>Microbiology (United Kingdom)</i> , 2009, 155, 3476-3490.	0.7	207
38	Reproducing stone monument photosynthetic-based colonization under laboratory conditions. <i>Science of the Total Environment</i> , 2008, 405, 278-285.	3.9	45
39	Primary bioreceptivity: A comparative study of different Portuguese lithotypes. <i>International Biodeterioration and Biodegradation</i> , 2006, 57, 136-142.	1.9	55
40	The Relationship between Phytoplankton Diversity and Community Function in a Coastal Lagoon. <i>Hydrobiologia</i> , 2006, 555, 3-18.	1.0	37
41	Phytoplankton production modelling in three marine ecosystemsâ€”static versus dynamic approach. <i>Ecological Modelling</i> , 2006, 190, 299-316.	1.2	25
42	The influence of incubation periods on photosynthesisâ€™ irradiance curves. <i>Journal of Experimental Marine Biology and Ecology</i> , 2002, 274, 101-120.	0.7	20
43	Annual Variation of Environmental Variables, Phytoplankton Species Composition and Photosynthetic Parameters in a Coastal Lagoon. <i>Journal of Plankton Research</i> , 2001, 23, 719-732.	0.8	89
44	Analysis of the deep chlorophyll maximum across the Azores Front. <i>Hydrobiologia</i> , 2000, 441, 155-172.	1.0	13
45	Dynamic behaviour of photosynthesis-irradiance curves determined from oxygen production during variable incubation periods. <i>Marine Ecology - Progress Series</i> , 1998, 165, 31-43.	0.9	40
46	Preventive conservation applied to "Casa dos Patudos" oil painting collection. <i>Conservar Patrimonio</i> , 0, 23, 133-139.	0.5	0
47	Diagnosis of two textile pieces from SantarÃ©m Diocesan Museum: a multi-analytical approach. <i>Conservar Patrimonio</i> , 0, 23, 63-70.	0.5	0
48	Risk analysis applied to the storage rooms of the Museu de Lisboa. <i>Conservar Patrimonio</i> , 0, 27, 71-81.	0.5	0