

# Mathilda L Coutinho

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4216340/publications.pdf>

Version: 2024-02-01

22  
papers

403  
citations

933447

10  
h-index

752698

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

743  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fungal Planet description sheets: 128–153. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2012, 29, 146-201.	4.4	80
2	Biological colonization and biodeterioration of architectural ceramic materials: An overview. <i>Journal of Cultural Heritage</i> , 2015, 16, 759-777.	3.3	65
3	Microbial communities on deteriorated artistic tiles from Pena National Palace (Sintra, Portugal). <i>International Biodeterioration and Biodegradation</i> , 2013, 84, 322-332.	3.9	42
4	A multiproxy approach to evaluate biocidal treatments on biodeteriorated majolica glazed tiles. <i>Environmental Microbiology</i> , 2016, 18, 4794-4816.	3.8	33
5	Spectroscopic studies of anatase TiO <sub>2</sub> thin films prepared by DC reactive magnetron sputtering. <i>Chemical Physics Letters</i> , 2011, 508, 71-75.	2.6	30
6	Potential of natural biocides for biocontrolling phototrophic colonization on limestone. <i>International Biodeterioration and Biodegradation</i> , 2016, 107, 102-110.	3.9	27
7	Landmark of the past in the Antequera megalithic landscape: A multi-disciplinary approach to the Matababras rock art shelter. <i>Journal of Archaeological Science</i> , 2018, 95, 76-93.	2.4	24
8	Biodeterioration of majolica glazed tiles by the fungus <i>Devriesia imbrexigena</i> . <i>Construction and Building Materials</i> , 2019, 212, 49-56.	7.2	16
9	Colored Microbial Coatings in Show Caves from the Galapagos Islands (Ecuador): First Microbiological Approach. <i>Coatings</i> , 2020, 10, 1134.	2.6	15
10	An integrated approach for assessing the bioreceptivity of glazed tiles to phototrophic microorganisms. <i>Biofouling</i> , 2016, 32, 243-259.	2.2	13
11	Non-destructive characterization of oriental porcelain glazes and blue underglaze pigments using <sup>137</sup> Eu-EDXRF, <sup>137</sup> Eu-Raman and VP-SEM. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 114, 695-703.	2.3	11
12	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.	2.3	9
13	Organic geochemistry and mineralogy suggest anthropogenic impact in speleothem chemistry from volcanic show caves of the Galapagos. <i>IScience</i> , 2022, 25, 104556.	4.1	7
14	Testing the Feasibility of Titanium Dioxide Sol-Gel Coatings on Portuguese Glazed Tiles to Prevent Biological Colonization. <i>Coatings</i> , 2020, 10, 1169.	2.6	6
15	Fensterbierscheiben in the Pena National Palace collection - chemical and iconographic relations. <i>X-Ray Spectrometry</i> , 2016, 45, 308-317.	1.4	5
16	A transparent dialogue between iconography and chemical characterisation: a set of foreign stained glasses in Portugal. <i>Heritage Science</i> , 2021, 9, .	2.3	5
17	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.	2.5	5
18	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.	3.3	3

#	ARTICLE	IF	CITATIONS
19	An insight on the firing condition of Chinese blue-and-white porcelain through XANES. Journal of Analytical Atomic Spectrometry, 0, , .	3.0	2
20	Testing the harmfulness of chemical cleaning methods for the removal of incrustations from a glazed stoneware public artwork. Journal of Cultural Heritage, 2022, 55, 48-57.	3.3	2
21	An Overview of Germanic Grisailles through the Stained-Glass Collection at Pena Palace. Heritage, 2022, 5, 1003-1023.	1.9	2
22	Contribution to the Understanding of the Colour Change in Bluish-Grey Limestones. Heritage, 2022, 5, 1479-1503.	1.9	1