

Joao Trovao

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

472
citations

567281

15
h-index

713466

21
g-index

24
all docs

24
docs citations

24
times ranked

399
citing authors

#	ARTICLE	IF	CITATIONS
1	Limestone biodeterioration: A review on the Portuguese cultural heritage scenario. <i>Journal of Cultural Heritage</i> , 2019, 36, 275-285.	3.3	70
2	Fungal diversity and distribution across distinct biodeterioration phenomena in limestone walls of the old cathedral of Coimbra, UNESCO World Heritage Site. <i>International Biodeterioration and Biodegradation</i> , 2019, 142, 91-102.	3.9	51
3	Flow cytometry as a tool to assess the effects of gamma radiation on the viability, growth and metabolic activity of fungal spores. <i>International Biodeterioration and Biodegradation</i> , 2013, 84, 250-257.	3.9	40
4	Fungal contamination of paintings and wooden sculptures inside the storage room of a museum: Are current norms and reference values adequate?. <i>Journal of Cultural Heritage</i> , 2018, 34, 268-276.	3.3	32
5	Valuing native ectomycorrhizal fungi as a Mediterranean forestry component for sustainable and innovative solutions. <i>Botany</i> , 2014, 92, 161-171.	1.0	30
6	Analysis of fungal deterioration phenomena in the first Portuguese King tomb using a multi-analytical approach. <i>International Biodeterioration and Biodegradation</i> , 2020, 149, 104933.	3.9	28
7	Can arthropods act as vectors of fungal dispersion in heritage collections? A case study on the archive of the University of Coimbra, Portugal. <i>International Biodeterioration and Biodegradation</i> , 2013, 79, 49-55.	3.9	27
8	Structural diversity of photoautotrophic populations within the UNESCO site "Old Cathedral of Coimbra" (Portugal), using a combined approach. <i>International Biodeterioration and Biodegradation</i> , 2019, 140, 9-20.	3.9	25
9	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.	3.9	20
10	Bacterial and Archaeal Structural Diversity in Several Biodeterioration Patterns on the Limestone Walls of the Old Cathedral of Coimbra. <i>Microorganisms</i> , 2021, 9, 709.	3.6	20
11	Description of <i>Aeminiaceae</i> fam. nov., <i>Aeminium</i> gen. nov. and <i>Aeminium ludgeri</i> sp. nov. (Capnodiales), isolated from a biodeteriorated art-piece in the Old Cathedral of Coimbra, Portugal. <i>MycKeys</i> , 2019, 45, 57-73.	1.9	20
12	Diversity of fungal species in ancient parchments collections of the Archive of the University of Coimbra. <i>International Biodeterioration and Biodegradation</i> , 2016, 108, 57-66.	3.9	19
13	<i>Parakomarekiella sesnandensis</i> gen. et sp. nov. (Nostocales, Cyanobacteria) isolated from the Old Cathedral of Coimbra, Portugal (UNESCO World Heritage Site). <i>European Journal of Phycology</i> , 2021, 56, 301-315.	2.0	19
14	Current Knowledge on the Fungal Degradation Abilities Profiled through Biodeteriorative Plate Essays. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4196.	2.5	17
15	In vitro analyses of fungi and dolomitic limestone interactions: Bioreceptivity and biodeterioration assessment. <i>International Biodeterioration and Biodegradation</i> , 2020, 155, 105107.	3.9	16
16	Description of <i>Myxacorys almedinensis</i> sp. nov. (Synechococcales). <i>Journal of Phycology</i> , 2021, 57, 100-107.	0.3	13
17	A contribution to understand the Portuguese emblematic AnÃ limestone bioreceptivity to fungal colonization and biodeterioration. <i>Journal of Cultural Heritage</i> , 2021, 49, 305-312.	3.3	9
18	High-Quality Draft Genome Sequence of the Microcolonial Black Fungus <i>Aeminium ludgeri</i> DSM 106916. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	6

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19	Phototrophic and fungal communities inhabiting the Roman cryptoporticus of the national museum Machado de Castro (UNESCO site, Coimbra, Portugal). <i>World Journal of Microbiology and Biotechnology</i> , 2022, 38, .	3.6	6
20	Potential Use of Carrageenans against the Limestone Proliferation of the Cyanobacterium <i>Parakomarekiella sesnandensis</i> . <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10589.	2.5	2
21	High-Quality Draft Genome Sequences of Three Cyanobacteria Isolated from the Limestone Walls of the Old Cathedral of Coimbra, Portugal. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	1
22	<i>Talaromyces saxoxalicus</i> sp. nov., isolated from the limestone walls of the Old Cathedral of Coimbra, Portugal. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	1
23	Air and wall mycobiota interactions – A case study in the Old Cathedral of Coimbra. , 2022, , 101-125.		0
24	Introducing <i>Petrachlorosaceae</i> fam. nov., <i>Petrachloros</i> gen. nov. and <i>Petrachloros mirabilis</i> sp. nov. (<i>Synechococcales</i> , <i>Cyanobacteria</i>) isolated from a Portuguese UNESCO monument. <i>Journal of Phycology</i> , 2022, , .	2.3	0