Mirca Zotti

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3680046/publications.pdf

Version: 2024-02-01

56	927	430874	526287
papers	citations	18 h-index	27 g-index

56	56	56	1307
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microfungal biodeterioration of historic paper: Preliminary FTIR and microbiological analyses. International Biodeterioration and Biodegradation, 2008, 62, 186-194.	3.9	92
2	Fungi as a toolbox for sustainable bioremediation of pesticides in soil and water. Plant Biosystems, 2018, 152, 474-488.	1.6	55
3	Biodegradation of inorganic components in paper documents: Formation of calcium oxalate crystals as a consequence of Aspergillus terreus Thom growth. International Biodeterioration and Biodegradation, 2010, 64, 499-505.	3.9	51
4	Microfungi in highly copper-contaminated soils from an abandoned Feâ€“Cu sulphide mine: Growth responses, tolerance and bioaccumulation. Chemosphere, 2014, 117, 471-476.	8.2	44
5	Native fungi as metal remediators: SilverÂmyco-accumulation from metal contaminated waste-rock dumps (Libiola Mine, Italy). Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2017, 52, 191-195.	1.5	44
6	Fungal biodiversity and in situ conservation in Italy. Plant Biosystems, 2011, 145, 950-957.	1.6	37
7	Mycological and FTIR analysis of biotic foxing on paper substrates. International Biodeterioration and Biodegradation, 2011, 65, 569-578.	3.9	36
8	Assessment of Ni accumulation capability by fungi for a possible approach to remove metals from soils and waters. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2017, 52, 166-170.	1.5	31
9	A NIR spectroscopy-based efficient approach to detect fraudulent additions within mixtures of dried porcini mushrooms. Talanta, 2016, 160, 729-734.	5.5	30
10	Biodiversity of rock, beach and water fungi in Italy. Plant Biosystems, 2011, 145, 978-987.	1.6	26
11	Penicillium expansum Link strain for a biometallurgical method to recover REEs from WEEE. Waste Management, 2017, 60, 596-600.	7.4	25
12	Biodiversity of emerging pathogenic and invasive fungi in plants, animals and humans in Italy. Plant Biosystems, 2011, 145, 988-996.	1.6	24
13	Inactivation ofAspergillusspp. by Ozone Treatment. Ozone: Science and Engineering, 2008, 30, 423-430.	2.5	22
14	Fungi as potential tool for polluted port sediment remediation. Environmental Science and Pollution Research, 2019, 26, 35602-35609.	5.3	22
15	Alien fungal species distribution: the study case of Favolaschia calocera. Biological Invasions, 2009, 11, 417-429.	2.4	21
16	Thermotolerant and Thermophilic Mycobiota in Different Steps of Compost Maturation. Microorganisms, 2020, 8, 880.	3.6	21
17	A new species,Aspergillus persii, as an agent of onychomycosis. Medical Mycology, 2010, 48, 656-660.	0.7	20
18	Newly formulated 5% 5-aminolevulinic acid photodynamic therapy on Candida albicans. Photodiagnosis and Photodynamic Therapy, 2020, 29, 101575.	2.6	19

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19	A non-pollen palynomorphs contribution to the local environmental history in the Ligurian Apennines: a preliminary study. Vegetation History and Archaeobotany, 2010, 19, 503-512.	2.1	18
20	A PCA-based hyperspectral approach to detect infections by mycophilic fungi on dried porcini mushrooms (boletus edulis and allied species). Talanta, 2015, 144, 1225-1230.	5.5	18
21	Epidemiological study of onychomycosis in older adults with onychodystrophy. Geriatrics and Gerontology International, 2016, 16, 486-491.	1.5	18
22	Macrofungal taxa and human population in Italyâ€™s regions. Biodiversity and Conservation, 2009, 18, 473-485.	2.6	14
23	Onychomycosis from Aspergillus melleus, a Novel Pathogen for Humans. Fungal Identification and inÂvitro Drug Susceptibility. Experimental Dermatology, 2015, 24, 966-968.	2.9	14
24	Another possible risk for the Mediterranean Sea? Aspergillus sydowii discovered in the Port of Genoa (Ligurian Sea, Italy). Marine Pollution Bulletin, 2017, 122, 470-474.	5.0	13
25	Rhizosphere response to nickel in a facultative hyperaccumulator. Chemosphere, 2019, 232, 243-253.	8.2	12
26	Fungi and Circular Economy: Pleurotus ostreatus Grown on a Substrate with Agricultural Waste of Lavender, and Its Promising Biochemical Profile. Recycling, 2021, 6, 40.	5.0	12
27	The Usefulness of Cadaveric Fungi as an Investigation Tool. American Journal of Forensic Medicine and Pathology, 2016, 37, 23.	0.8	11
28	Fungal characterisation of a contaminated marine environment: the case of the Port of Genoa (North-Western Italy). Webbia, 2018, 73, 97-106.	0.3	11
29	Interactions among microfungi and pyrite-chalcopyrite mineralizations: tolerance, mineral bioleaching, and metal bioaccumulation. Mycological Progress, 2019, 18, 415-423.	1.4	10
30	Port Sediments: Problem or Resource? A Review Concerning the Treatment and Decontamination of Port Sediments by Fungi and Bacteria. Microorganisms, 2021, 9, 1279.	3.6	10
31	Macrofungi in Mediterranean Quercus ilex woodlands: relations to vegetation structure, ecological gradients and higher-taxon approach.. Czech Mycology, 2013, 65, 193-218.	0.5	10
32	Typification ofOctaviania rubescens(Paxillineae,Boletales) and phylogenetic hypotheses for genusAlpova. Mycologia, 2010, 102, 967-975.	1.9	9
33	Variability, host range, delimitation and neotypification of Amanita simulans (Amanita section) Tj ETQq1 1 0.784314 rgBT /Overlock 1 lividopallescens. Phytotaxa, 2016, 280, 1.	0.3	9
34	Biodiversity in Metal-Contaminated Sites â€“ Problem and Perspective â€“ A Case Study. , 0, , .		8
35	A mycological baseline study based on a multidisciplinary approach in a coastal area affected by contaminated torrent input. Marine Pollution Bulletin, 2017, 119, 446-453.	5.0	8
36	The Geological Roles Played by Microfungi in Interaction with Sulfide Minerals from Libiola Mine, Liguria, Italy. Geomicrobiology Journal, 2018, 35, 564-569.	2.0	8

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37	Gypsum Biomineralization in Sulphide-rich Hardpans by a Native Trichoderma harzianum Rifai Strain. Geomicrobiology Journal, 2018, 35, 209-214.	2.0	8
38	From waste to resource: mycoremediation of contaminated marine sediments in the SEDITERRA Project. Journal of Soils and Sediments, 2020, 20, 2653-2663.	3.0	8
39	Mycodiversity in beech woods of Western Liguria (Italy). Plant Biosystems, 2006, 140, 27-33.	1.6	7
40	A hemolytic peptide from the mycophilic fungus Sepedonium chrysospermum (Bull.) Fr.. Applied Microbiology and Biotechnology, 2012, 94, 987-994.	3.6	7
41	Culturable fungi from dredged and marine sediments from six ports studied in the framework of the SEDITERRA Project. Journal of Soils and Sediments, 2021, 21, 1563-1573.	3.0	7
42	Physical land suitability map for Tuber magnatum Pico in Piana Crixia municipality territory (Liguria-Italy). Journal of Maps, 2011, 7, 353-362.	2.0	6
43	Measuring macrofungal biodiversity quality using two different survey approaches: A case study in broadleaf Mediterranean forests. Ecological Indicators, 2018, 85, 1210-1230.	6.3	6
44	Post-mortem fungal colonization pattern during 6 weeks: Two case studies. Forensic Science International, 2018, 289, e18-e23.	2.2	6
45	Ecology and diversity ofCortinariusspecies (Agaricales, Basidiomycota) associated withQuercus ilexL. in the Mediterranean area of Liguria (North-western Italy). Plant Biosystems, 2014, 148, 357-366.	1.6	5
46	First mycological assessment in hydrothermal caves of Monte Kronio (Sicily, southern Italy). Webbia, 2017, 72, 277-285.	0.3	5
47	Evidence of pyrite dissolution by Telephora terrestris Ehrh in the Libiola mine (Sestri Levante, Liguria,) Tj ETQq1 1 0.784314 rgBT /Ove	3.2	5
48	Mycoremediation of Oily Slime Containing a Polycyclic Aromatic Hydrocarbon Mixture. Waste and Biomass Valorization, 2019, 10, 3821-3831.	3.4	5
49	First identification of a fatal fungal infection of the marine sponge Chondrosia reniformis by Aspergillus tubingensis. Diseases of Aquatic Organisms, 2019, 135, 227-239.	1.0	5
50	New insights on the occurrence and conservation status in Italy of Alessioporus ichnusanus (Boletaceae), an IUCN red listed mycorrhizal species. Plant Biosystems, 2021, 155, 195-198.	1.6	4
51	Fungal richness in the extreme environments of the Libiola mine (eastern Liguria, Italy): correlations among microfungi, lithology, mineralogy, and contaminants. Environmental Earth Sciences, 2019, 78, 1.	2.7	3
52	Frenemies: Interactions between Rhizospheric Bacteria and Fungi from Metalliferous Soils. Life, 2021, 11, 273.	2.4	3
53	Values and challenges in the assessment of coprophilous fungi according to the IUCN Red List criteria: the case study of Poronia punctata (Xylariales, Ascomycota). Plant Biosystems, 2021, 155, 199-203.	1.6	2
54	A decision support system for the management of accidental mushroom and plant poisoning. Il Farmaco, 2001, 56, 391-395.	0.9	1

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55	First record of Neofusicoccum buxi Crous on Buxus sempervirens L. infested by Cydalima perspectalis (Walker) in Italy. Plant Biosystems, 2020, 154, 430-432.	1.6	1
56	Contribution to the Knowledge of Fungal Community Colonizing Mummified Bodies in the Mediterranean Area. Romanian Journal of Legal Medicine, 2021, 29, 250-254.	0.3	0