

Roberto Bargagli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11396439/publications.pdf>

Version: 2024-02-01

38
papers

1,226
citations

430874

18
h-index

361022

35
g-index

38
all docs

38
docs citations

38
times ranked

1512
citing authors

#	ARTICLE	IF	CITATIONS
1	Diversity and distribution of Victoria Land biota. <i>Soil Biology and Biochemistry</i> , 2006, 38, 3003-3018.	8.8	286
2	Moss and lichen biomonitoring of atmospheric mercury: A review. <i>Science of the Total Environment</i> , 2016, 572, 216-231.	8.0	99
3	Enhanced Deposition and Bioaccumulation of Mercury in Antarctic Terrestrial Ecosystems Facing a Coastal Polynya. <i>Environmental Science & Technology</i> , 2005, 39, 8150-8155.	10.0	78
4	Leaf trapping and retention of particles by holm oak and other common tree species in Mediterranean urban environments. <i>Urban Forestry and Urban Greening</i> , 2015, 14, 1095-1101.	5.3	70
5	Spatio-temporal variations of ozone and nitrogen dioxide concentrations under urban trees and in a nearby open area. <i>Urban Climate</i> , 2015, 12, 119-127.	5.7	59
6	Environmental biogeochemistry of mercury in Antarctic ecosystems. <i>Soil Biology and Biochemistry</i> , 2007, 39, 352-360.	8.8	55
7	Biotic interactions as a structuring force in soil communities: evidence from the micro-arthropods of an Antarctic moss model system. <i>Oecologia</i> , 2013, 172, 495-503.	2.0	54
8	Determination of metal deposition patterns by epiphytic lichens. <i>Toxicological and Environmental Chemistry</i> , 1989, 18, 249-256.	1.2	47
9	Lichens and mosses as biomonitors of trace elements in a geothermal area (Mt. Amiata, central Italy). <i>Cryptogamie, Mycologie</i> , 1999, 20, 119-126.	1.0	37
10	Holm Oak (<i>Quercus ilex</i> L.) canopy as interceptor of airborne trace elements and their accumulation in the litter and topsoil. <i>Environmental Pollution</i> , 2013, 183, 89-95.	7.5	36
11	Distribution of heavy metals and polycyclic aromatic hydrocarbons in holm oak plant-soil system evaluated along urbanization gradients. <i>Chemosphere</i> , 2015, 134, 91-97.	8.2	36
12	Changes of major ion concentrations in melting snow and terrestrial waters from northern Victoria Land, Antarctica. <i>Antarctic Science</i> , 2004, 16, 107-115.	0.9	35
13	Large-scale spatial patterns in the distribution of Collembola (Hexapoda) species in Antarctic terrestrial ecosystems. <i>Journal of Biogeography</i> , 2009, 36, 879-886.	3.0	33
14	Accumulation of Trace Elements in the Peripheral and Central Parts of a Foliose Lichen Thallus. <i>Bryologist</i> , 1997, 100, 251.	0.6	32
15	Estimating Atmospheric Mercury Concentrations with Lichens. <i>Environmental Science & Technology</i> , 2014, 48, 8754-8759.	10.0	31
16	Trace Metals in Antarctic Organisms and the Development of Circumpolar Biomonitoring Networks. <i>Reviews of Environmental Contamination and Toxicology</i> , 2001, , 53-110.	1.3	23
17	Baseline element composition of foliose and fruticose lichens along the steep climatic gradient of SW Patagonia (Ais�n Region, Chile). <i>Journal of Environmental Monitoring</i> , 2012, 14, 2309.	2.1	19
18	Highly diverse urban soil communities: Does stochasticity play a major role?. <i>Applied Soil Ecology</i> , 2017, 110, 73-78.	4.3	19

#	ARTICLE	IF	CITATIONS
19	Intraspecific variability in baseline element composition of the epiphytic lichen <i>Pseudevernia furfuracea</i> in remote areas: implications for biomonitoring of air pollution. <i>Environmental Science and Pollution Research</i> , 2017, 24, 8004-8016.	5.3	18
20	Background element content of the lichen <i>Pseudevernia furfuracea</i> : A supra-national state of art implemented by novel field data from Italy. <i>Science of the Total Environment</i> , 2018, 622-623, 282-292.	8.0	16
21	The contribution of mercury from thermal springs to the environmental contamination of Mt. Amiata. <i>Water, Air, and Soil Pollution</i> , 1989, 43, 169-175.	2.4	15
22	Effects of soil pollutants, biogeochemistry and microbiology on the distribution and composition of enchytraeid communities in urban and suburban holm oak stands. <i>Environmental Pollution</i> , 2013, 179, 268-276.	7.5	15
23	Community structure, diversity and spatial organization of enchytraeids in Mediterranean urban holm oak stands. <i>European Journal of Soil Biology</i> , 2014, 62, 83-91.	3.2	15
24	Assessing abundance and diversity patterns of soil microarthropod assemblages in northern Victoria Land (Antarctica). <i>Polar Biology</i> , 2007, 30, 895-902.	1.2	14
25	Elemental composition of the lichen <i>Umbilicaria decussata</i> . <i>Italian Journal of Zoology</i> , 2000, 67, 157-162.	0.6	12
26	Modelling local-scale determinants and the probability of microarthropod species occurrence in Antarctic soils. <i>Soil Biology and Biochemistry</i> , 2007, 39, 2949-2956.	8.8	11
27	Diversity and abundance of soil arthropods in urban and suburban holm oak stands. <i>Urban Ecosystems</i> , 2015, 18, 715-728.	2.4	11
28	Background element content in the lichen <i>Pseudevernia furfuracea</i> : a comparative analysis of digestion methods. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 260.	2.7	8
29	Deposition, abatement and environmental fate of pollutants in urban green ecosystems: Suggestions from long-term studies in Siena (Central Italy). <i>Urban Forestry and Urban Greening</i> , 2019, 46, 126483.	5.3	7
30	Photosynthetic pigments in soils from northern Victoria Land (continental Antarctica) as proxies for soil algal community structure and function. <i>Soil Biology and Biochemistry</i> , 2009, 41, 2105-2114.	8.8	6
31	Identifying appropriate sampling and modelling approaches for analysing distributional patterns of Antarctic terrestrial arthropods along the Victoria Land latitudinal gradient. <i>Antarctic Science</i> , 2010, 22, 742-748.	0.9	6
32	Short-term dynamics of physico-chemical and biological features in a shallow, evaporative antarctic lake. <i>Polar Biology</i> , 2013, 36, 1147-1160.	1.2	6
33	<i>Parergodrilus heideri</i> Reisinger, 1925 (Annelida: Polychaeta) from a holm oak wood in an extinct volcano of southern Italy. <i>Zootaxa</i> , 2010, 2687, 65.	0.5	6
34	Metal Availability and Transfer along Food Chains in Siena, a Small Medieval Town in Italy. <i>Journal of Chemistry</i> , 2018, 2018, 1-8.	1.9	4
35	An Update on Sedimentary Pigments in Victoria Land Lakes (East Antarctica). <i>Arctic, Antarctic, and Alpine Research</i> , 2011, 43, 22-34.	1.1	2
36	Organisms in wall ecosystems as biomonitors of metal deposition and bioavailability in urban environments. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10946-10955.	5.3	2

#	ARTICLE	IF	CITATIONS
37	Altitudinal variation of trace elements deposition in forest ecosystems along the NW side of Mt. Amiata (central Italy): Evidence from topsoil, mosses and epiphytic lichens. Atmospheric Pollution Research, 2021, 12, 101200.	3.8	2
38	Algal biomass and pigments along a latitudinal gradient in Victoria Land lakes, East Antarctica. Polar Research, 2016, 35, 20703.	1.6	1