

# Andrea Vannini

## List of Publications by Year in descending order

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42  
papers

642  
citations

516561

16  
h-index

642610

23  
g-index

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42  
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times ranked

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#	ARTICLE	IF	CITATIONS
1	Foliar application of wood distillate boosts plant yield and nutritional parameters of chickpea. <i>Annals of Applied Biology</i> , 2023, 182, 57-64.	1.3	20
2	Bio-Based Solutions for Agriculture: Foliar Application of Wood Distillate Alone and in Combination with Other Plant-Derived Corroborants Results in Different Effects on Lettuce ( <i>Lactuca Sativa L.</i> ). <i>Biology</i> , 2022, 11, 404.	1.3	20
3	Foliar Application of Wood Distillate Alleviates Ozone-Induced Damage in Lettuce ( <i>Lactuca sativa L.</i> ). <i>Toxics</i> , 2022, 10, 178.	1.6	15
4	Bioaccumulation of potentially toxic elements in some lichen species from two remote sites of Tunisia. , 2022, 77, 2469-2473.		5
5	Effects of wood distillate and soy lecithin on the photosynthetic performance and growth of lettuce ( <i>Lactuca sativa L.</i> ). <i>SN Applied Sciences</i> , 2021, 3, 1.	1.5	12
6	Modeling heavy metal release in the epiphytic lichen <i>Evernia prunastri</i> . <i>Environmental Science and Pollution Research</i> , 2021, 28, 27392-27397.	2.7	1
7	Accumulation and Phytotoxicity of Two Commercial Biocides in the Lichen <i>Evernia prunastri</i> and the Moss <i>Brachythecium sp.</i> . <i>Stresses</i> , 2021, 1, 69-77.	1.8	1
8	Potentially Toxic Elements (PTEs) in Soils and Bulbs of Elephant Garlic ( <i>Allium ampeloprasum L.</i> ) Grown in Valdichiana, a Traditional Cultivation Area of Tuscany, Italy. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7023.	1.3	7
9	Biological Effects of Air Pollution on Sensitive Bioindicators: A Case Study from Milan, Italy. <i>Urban Science</i> , 2021, 5, 64.	1.1	0
10	Lichens as monitors of the atmospheric deposition of potentially toxic elements in high elevation Mediterranean ecosystems. <i>Science of the Total Environment</i> , 2021, 798, 149369.	3.9	8
11	Biochar Amendment Reduces the Availability of Pb in the Soil and Its Uptake in Lettuce. <i>Toxics</i> , 2021, 9, 268.	1.6	9
12	Comparison of the Mineral and Nutraceutical Profiles of Elephant Garlic ( <i>Allium ampeloprasum L.</i> ) Grown in Organic and Conventional Fields of Valdichiana, a Traditional Cultivation Area of Tuscany, Italy. <i>Biology</i> , 2021, 10, 1058.	1.3	11
13	Influence of Moderate Cd and Pb Soil Pollution on Seed Development, Photosynthetic Performance and Foliar Accumulation in the Medicinal Plant <i>Hypericum perforatum</i> . <i>Pollutants</i> , 2021, 1, 1-9.	1.0	2
14	Accumulation and Release of Mercury in the Lichen <i>Evernia prunastri (L.) Ach.</i> <i>Biology</i> , 2021, 10, 1198.	1.3	3
15	The application protocol impacts the effectiveness of biocides against lichens. <i>International Biodeterioration and Biodegradation</i> , 2020, 155, 105105.	1.9	11
16	Can Chitin and Chitosan Replace the Lichen <i>Evernia prunastri</i> for Environmental Biomonitoring of Cu and Zn Air Contamination?. <i>Biology</i> , 2020, 9, 301.	1.3	3
17	Effects of wood distillate (pyroligneous acid) on sensitive bioindicators (lichen and moss). <i>Ecotoxicology and Environmental Safety</i> , 2020, 204, 111117.	2.9	18
18	Does air pollution influence the success of species translocation? Trace elements, ultrastructure and photosynthetic performances in transplants of a threatened forest macrolichen. <i>Ecological Indicators</i> , 2020, 117, 106666.	2.6	9

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19	Uptake of Trace Elements in the Water Fern <i>Azolla filiculoides</i> after Short-Term Application of Chestnut Wood Distillate (Pyroligneous Acid). <i>Plants</i> , 2020, 9, 1179.	1.6	14
20	Disentangling sources of trace element air pollution in complex urban areas by lichen biomonitoring. A case study in Milan (Italy). <i>Chemosphere</i> , 2020, 256, 127155.	4.2	25
21	Uptake and release of copper ions in epiphytic lichens. <i>Biologia (Poland)</i> , 2020, 75, 1547-1552.	0.8	5
22	The Water Content Drives the Susceptibility of the Lichen <i>Evernia prunastri</i> and the Moss <i>Brachythecium</i> sp. to High Ozone Concentrations. <i>Biology</i> , 2020, 9, 90.	1.3	8
23	Magnetic Emissions from Brake Wear are the Major Source of Airborne Particulate Matter Bioaccumulated by Lichens Exposed in Milan (Italy). <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2073.	1.3	37
24	Contribution of submicronic (PM <sub>1</sub> ) and coarse (PM <sub>2.5-10</sub> ) particulate matter deposition to the heavy metal load of lichens transplanted along a busy road. <i>Chemosphere</i> , 2019, 231, 121-125.	4.2	16
25	Lichens "travelling" in smokers' cars are suitable biomonitors of indoor air quality. <i>Ecological Indicators</i> , 2019, 103, 576-580.	2.6	22
26	New Interpretative Scales for Lichen Bioaccumulation Data: The Italian Proposal. <i>Atmosphere</i> , 2019, 10, 136.	1.0	30
27	High-light stress in wet and dry thalli of the endangered Mediterranean lichen <i>Seirophora villosa</i> (Ach.) Fr��: does size matter?. <i>Mycological Progress</i> , 2019, 18, 463-470.	0.5	11
28	Impact of forest management on threatened epiphytic macrolichens: evidence from a Mediterranean mixed oak forest (Italy). <i>IForest</i> , 2019, 12, 383-388.	0.5	12
29	Competition between heavy metal ions for binding sites in lichens: Implications for biomonitoring studies. <i>Chemosphere</i> , 2018, 199, 655-660.	4.2	25
30	Toxicity of Diclofenac in the Fern <i>Azolla filiculoides</i> and the Lichen <i>Xanthoria parietina</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2018, 100, 430-437.	1.3	20
31	One year of transplant: Is it enough for lichens to reflect the new atmospheric conditions?. <i>Ecological Indicators</i> , 2018, 88, 495-502.	2.6	22
32	Application of commercial biocides to lichens: Does a physiological recovery occur over time?. <i>International Biodeterioration and Biodegradation</i> , 2018, 129, 189-194.	1.9	17
33	Physiological and ultrastructural effects of acute ozone fumigation in the lichen <i>Xanthoria parietina</i> : the role of parietin and hydration state. <i>Environmental Science and Pollution Research</i> , 2018, 25, 8104-8112.	2.7	11
34	May lichen biomonitoring of air pollution be used for environmental justice assessment? A case study from an area of N Italy with a municipal solid waste incinerator. <i>Environmental Forensics</i> , 2018, 19, 265-276.	1.3	13
35	In-field and in-vitro study of the moss <i>Leptodictyum riparium</i> as bioindicator of toxic metal pollution in the aquatic environment: Ultrastructural damage, oxidative stress and HSP70 induction. <i>PLoS ONE</i> , 2018, 13, e0195717.	1.1	35
36	Species- and site-specific efficacy of commercial biocides and application solvents against lichens. <i>International Biodeterioration and Biodegradation</i> , 2017, 123, 127-137.	1.9	35

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37	The biological response chain to pollution: a case study from the "Aeolian Triangle of Death" assessed with the liverwort <i>Lunularia cruciata</i> . <i>Environmental Science and Pollution Research</i> , 2017, 24, 26185-26193.	2.7	30
38	Seasonal variations in intracellular trace element content and physiological parameters in the lichen <i>Evernia prunastri</i> transplanted to an urban environment. <i>Acta Botanica Croatica</i> , 2017, 76, 171-176.	0.3	23
39	Bioaccumulation, physiological and ultrastructural effects of glyphosate in the lichen <i>Xanthoria parietina</i> (L.) Th. Fr.. <i>Chemosphere</i> , 2016, 164, 233-240.	4.2	14
40	Uptake and toxicity of glyphosate in the lichen <i>Xanthoria parietina</i> (L.) Th. Fr.. <i>Ecotoxicology and Environmental Safety</i> , 2015, 122, 193-197.	2.9	14
41	Epiphytic lichens as indicators of environmental quality around a municipal solid waste landfill (C) Tj ETQq1 1 0.784314 rgBT /Overload	3.7	17
42	Estimating Atmospheric Mercury Concentrations with Lichens. <i>Environmental Science &amp; Technology</i> , 2014, 48, 8754-8759.	4.6	31