Adriana Basile

List of Publications by Year
in descending order

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115	4,097	101543	133252
papers	citations	36 h-index	59 g-index

118	118	118	5465
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biological responses to heavy metal stress in the moss Leptodictyum riparium (Hedw.) Warnst. Ecotoxicology and Environmental Safety, 2022, 229, 113078.	6.0	12
2	Antioxidant response to heavy metal pollution of Regi Lagni freshwater in Conocephalum conicum L. (Dum.). Ecotoxicology and Environmental Safety, 2022, 234, 113365.	6.0	6
3	Antioxidant and Antibacterial Properties of Extracts and Bioactive Compounds in Bryophytes. Applied Sciences (Switzerland), 2022, 12, 160.	2.5	10
4	Daucus carota subsp. maximus (Desf.) Ball from Pantelleria, Sicily (Italy): isolation of essential oils and evaluation of their bioactivity. Natural Product Research, 2022, 36, 5842-5847.	1.8	15
5	Anti-Tumour Activities from Secondary Metabolites and Their Derivatives in Bryophytes: A Brief Review. , 2022, 1, 73-94.		0
6	Fighting multidrug resistance with a fruit extract: anti-cancer and anti-biofilm activities of Acca sellowiana. Natural Product Research, 2021, 35, 1686-1689.	1.8	8
7	Characterization and antibacterial activity of gelatinâ€based film incorporated with Arbutus unedo L. fruit extract on Sardina pilchardus. Journal of Food Processing and Preservation, 2021, 45, e15424.	2.0	7
8	Chemical Composition and Biological Activities of Oregano and Lavender Essential Oils. Applied Sciences (Switzerland), 2021, 11, 5688.	2.5	11
9	Dihydrophenanthrenes from a Sicilian Accession of Himantoglossum robertianum (Loisel.) P. Delforge Showed Antioxidant, Antimicrobial, and Antiproliferative Activities. Plants, 2021, 10, 2776.	3.5	16
10	Antimicrobial and antioxidant activity of proteins from Feijoa sellowiana Berg. fruit before and after in vitro gastrointestinal digestion. Natural Product Research, 2020, 34, 2607-2611.	1.8	23
11	(+)-(E)-Chrysanthenyl Acetate: A Molecule with Interesting Biological Properties Contained in the Anthemis secundiramea (Asteraceae) Flowers. Applied Sciences (Switzerland), 2020, 10, 6808.	2.5	21
12	Does air pollution influence the success of species translocation? Trace elements, ultrastructure and photosynthetic performances in transplants of a threatened forest macrolichen. Ecological Indicators, 2020, 117, 106666.	6.3	9
13	Effect of Feijoa Sellowiana Acetonic Extract on Proliferation Inhibition and Apoptosis Induction in Human Gastric Cancer Cells. Applied Sciences (Switzerland), 2020, 10, 7756.	2.5	2
14	Biological Responses to Cadmium Stress in Liverwort Conocephalum conicum (Marchantiales). International Journal of Molecular Sciences, 2020, 21, 6485.	4.1	16
15	Magnetic Emissions from Brake Wear are the Major Source of Airborne Particulate Matter Bioaccumulated by Lichens Exposed in Milan (Italy). Applied Sciences (Switzerland), 2020, 10, 2073.	2.5	37
16	Biological effects from environmental pollution by toxic metals in the â€œland of firesâ€•(Italy) assessed using the biomonitor species Lunularia cruciata L. (Dum). Environmental Pollution, 2020, 265, 115000.	7.5	18
17	The Moss Leptodictyum riparium Counteracts Severe Cadmium Stress by Activation of Glutathione Transferase and Phytochelatin Synthase, but Slightly by Phytochelatins. International Journal of Molecular Sciences, 2020, 21, 1583.	4.1	36
18	Synthetic Meat: Acceptance. , 2019, , 285-288.		2

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19	Anti-Pseudomonas aeruginosa activity of hemlock (Conium maculatum, Apiaceae) essential oil. Natural Product Research, 2019, 33, 3436-3440.	1.8	16
20	Phenol-Rich Feijoa sellowiana (Pineapple Guava) Extracts Protect Human Red Blood Cells from Mercury-Induced Cellular Toxicity. Antioxidants, 2019, 8, 220.	5.1	32
21	Proteins of the fruit pulp of Acca sellowiana have antimicrobial activity directed against the bacterial membranes. Natural Product Research, 2019, 35, 1-5.	1.8	8
22	Salicylic Acid and Melatonin Alleviate the Effects of Heat Stress on Essential Oil Composition and Antioxidant Enzyme Activity in Mentha Ã— Piperita and Mentha Arvensis L.. Antioxidants, 2019, 8, 547.	5.1	43
23	Alterations in the properties of sperm protamine-like II protein after exposure of Mytilus galloprovincialis (Lamarck 1819) to sub-toxic doses of cadmium. Ecotoxicology and Environmental Safety, 2019, 169, 600-606.	6.0	33
24	Uptake and distribution of several inorganic ions in Nephrolepis cordifolia (L.) C. Presl grown on contaminated soil. Plant Biosystems, 2018, 152, 59-69.	1.6	2
25	The phytochelatin synthase from Nitella mucronata (Charophyta) plays a role in the homeostatic control of iron(II)/(III). Plant Physiology and Biochemistry, 2018, 127, 88-96.	5.8	21
26	Physiological and ultrastructural effects of acute ozone fumigation in the lichen Xanthoria parietina: the role of parietin and hydration state. Environmental Science and Pollution Research, 2018, 25, 8104-8112.	5.3	11
27	In-field and in-vitro study of the moss Leptodictyum riparium as bioindicator of toxic metal pollution in the aquatic environment: Ultrastructural damage, oxidative stress and HSP70 induction. PLoS ONE, 2018, 13, e0195717.	2.5	35
28	Effect of Heat Stress on Yield, Monoterpene Content and Antibacterial Activity of Essential Oils of Mentha x piperita var. Mitcham and Mentha arvensis var. piperascens. Molecules, 2018, 23, 1903.	3.8	37
29	Functional and structural biomarkers to monitor heavy metal pollution of one of the most contaminated freshwater sites in Southern Europe. Ecotoxicology and Environmental Safety, 2018, 163, 665-673.	6.0	41
30	Protamine-like proteins analyses as emerging biotechnique for cadmium impact assessment on male mollusk Mytilus galloprovincialis (Lamarck 1819). Acta Biochimica Polonica, 2018, 65, 259-267.	0.5	36
31	Protamine-like proteins have bactericidal activity. The first evidence in Mytilus galloprovincialis. Acta Biochimica Polonica, 2018, 65, 585-594.	0.5	11
32	Effects of triacontanol on ascorbate-glutathione cycle in Brassica napus L. exposed to cadmium-induced oxidative stress. Ecotoxicology and Environmental Safety, 2017, 144, 268-274.	6.0	58
33	Interaction of triacontanol and arsenic on the ascorbate-glutathione cycle and their effects on the ultrastructure in Coriandrum sativum L.. Environmental and Experimental Botany, 2017, 141, 161-169.	4.2	24
34	The biological response chain to pollution: a case study from the â€œItalian Triangle of Deathâ€•assessed with the liverwort Lunularia cruciata. Environmental Science and Pollution Research, 2017, 24, 26185-26193.	5.3	30
35	Water pollution causes ultrastructural and functional damages in Pellia neesiana (Gottsche) Limpr.. Journal of Trace Elements in Medicine and Biology, 2017, 43, 80-86.	3.0	13
36	Plants of the Genus Zingiber as a Source of Bioactive Phytochemicals: From Tradition to Pharmacy. Molecules, 2017, 22, 2145.	3.8	169

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37	Functional indicators of response mechanisms to nitrogen deposition, ozone, and their interaction in two Mediterranean tree species. PLoS ONE, 2017, 12, e0185836.	2.5	16
38	Bioaccumulation, physiological and ultrastructural effects of glyphosate in the lichen Xanthoria parietina (L.) Th. Fr.. Chemosphere, 2016, 164, 233-240.	8.2	14
39	Vitality of the cyanolichen Peltigera praetextata exposed around a cement plant (SW Slovakia): a comparison with green algal lichens. Biologia (Poland), 2016, 71, 272-280.	1.5	7
40	Acetonic Extract from the Feijoa sellowiana Berg. Fruit Exerts Antioxidant Properties and Modulates Disaccharidases Activities in Human Intestinal Epithelial Cells. Phytotherapy Research, 2016, 30, 1308-1315.	5.8	12
41	Behaviour of repetitive non-coding DNA in response to heavy metal stress in the protonemata ofFunaria hygrometrica. Plant Biosystems, 2015, 149, 315-321.	1.6	2
42	Ecophysiological and ultrastructural effects of dust pollution in lichens exposed around a cement plant (SW Slovakia). Environmental Science and Pollution Research, 2015, 22, 15891-15902.	5.3	27
43	Effects of heavy metals on ultrastructure and Hsp70 induction in Lemna minor L. exposed to water along the Sarno River, Italy. Ecotoxicology and Environmental Safety, 2015, 114, 93-101.	6.0	48
44	Antiproliferative, Antibacterial and Antifungal Activity of the Lichen Xanthoria parietina and Its Secondary Metabolite Parietin. International Journal of Molecular Sciences, 2015, 16, 7861-7875.	4.1	77
45	The protective role of olive oil hydroxytyrosol against oxidative alterations induced by mercury in human erythrocytes. Food and Chemical Toxicology, 2015, 82, 59-63.	3.6	27
46	A Cd/Fe/Zn-Responsive Phytochelatin Synthase is Constitutively Present in the Ancient Liverwort Lunularia cruciata (L.) Dumort. Plant and Cell Physiology, 2014, 55, 1884-1891.	3.1	58
47	Uptake and acute toxicity of cerium in the lichen Xanthoria parietina. Ecotoxicology and Environmental Safety, 2014, 104, 379-385.	6.0	31
48	Physiological and morphological responses of Lead or Cadmium exposed Chlorella sorokiniana 211-8K (Chlorophyceae). SpringerPlus, 2013, 2, 147.	1.2	83
49	Antibacterial and antifungal activities of Otanthus maritimus (L.) Hoffmanns. & Link essential oil from Sicily. Natural Product Research, 2013, 27, 1548-1555.	1.8	2
50	Antimony toxicity in the lichen Xanthoria parietina (L.) Th. Fr.. Chemosphere, 2013, 93, 2269-2275.	8.2	46
51	Profiling microcystin contamination in a water reservoir by MALDI-TOF and liquid chromatography coupled to Q/TOF tandem mass spectrometry. Food Research International, 2013, 54, 1321-1330.	6.2	21
52	Antioxidant, antimicrobial and anti-proliferative activities of Solanum tuberosum L. var. Vitelotte. Food and Chemical Toxicology, 2013, 55, 304-312.	3.6	61
53	Antibacterial and antifungal activities of acetonic extract fromPaullinia cupanaMart. seeds. Natural Product Research, 2013, 27, 2084-2090.	1.8	11
54	Ultrastructural changes and Heat Shock Proteins 70 induced by atmospheric pollution are similar to the effects observed under inÂvitro heavy metals stress in Conocephalum conicum (Marchantiales â€“) Tj ETQq0 0 1 rgBT /Overlock 10 T	2.5	30

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55	Effects of Heavy Metals on Ultrastructure and HSP70S Induction in the Aquatic MossLeptodictyum RipariumHedw. International Journal of Phytoremediation, 2012, 14, 443-455.	3.1	49
56	Nutraceutical potential and antioxidant benefits of red pitaya (Hylocereus polyrhizus) extracts. Journal of Functional Foods, 2012, 4, 129-136.	3.4	170
57	Toxicity, Accumulation, and Removal of Heavy Metals by Three Aquatic Macrophytes. International Journal of Phytoremediation, 2012, 14, 374-387.	3.1	94
58	Chemical composition, antioxidant and antimicrobial properties of Rapa Catozza Napoletana (Brassica rapa L. var. rapa DC.) seed meal, a promising protein source of Campania region (southern Italy) horticultural germplasm. Journal of the Science of Food and Agriculture, 2012, 92, 1716-1724.	3.5	15
59	Bioacumulation and ultrastructural effects of Cd, Cu, Pb and Zn in the moss Scorpiurum circinatum (Brid.) Fleisch. & Loeske. Environmental Pollution, 2012, 166, 208-211.	7.5	54
60	Antioxidant activity in extracts fromLeptodictyum riparium(Bryophyta), stressed by heavy metals, heat shock, and salinity. Plant Biosystems, 2011, 145, 77-80.	1.6	29
61	Potential allelopathic activity ofSideritis italica(Miller) Greuter et Burdet essential oil. Plant Biosystems, 2011, 145, 241-247.	1.6	4
62	Cysteine synthesis in Scorpiurum circinatum as a suitable biomarker in air pollution monitoring. International Journal of Environment and Health, 2011, 5, 93.	0.3	5
63	Antioxidant and Antimicrobial Properties of Polyphenolic Fractions from Selected Moroccan Red Wines. Journal of Food Science, 2011, 76, C1342-8.	3.1	18
64	A peptidomic approach for monitoring and characterising peptide cyanotoxins produced in Italian lakes by matrixâ€assisted laser desorption/ionisation and quadrupole timeâ€ofâ€flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2011, 25, 1173-1183.	1.5	23
65	Ultrastructural effects of trace elements and environmental pollution in Italian â€œTriangle of Deathâ€• onPseudevernia furfuracea(L.) Zopf. Plant Biosystems, 2011, 145, 461-471.	1.6	16
66	Effects of air pollution on production of essential oil in Feijoa Sellowiana Berg. grown in the 'Italian Triangle of Death'. International Journal of Environment and Health, 2010, 4, 250.	0.3	6
67	Ultrastructural alterations induced by tropospheric ozone: comparison between resistant and sensitive clones of Trifolium repens L. CV. Regal. International Journal of Environment and Health, 2010, 4, 260.	0.3	3
68	Improvement of (+)-catechin inhibitory activity on human PMN respiratory burst by (+)-3-O-propionyl and (-)-3-O-valeryl substitution. Journal of Pharmacy and Pharmacology, 2010, 55, 399-405.	2.4	10
69	Antibacterial and Antifungal Properties of Acetonic Extract ofFeijoa sellowianaFruits and Its Effect onHelicobacter pyloriGrowth. Journal of Medicinal Food, 2010, 13, 189-195.	1.5	46
70	Heavy metal deposition in the Italian â€œtriangle of deathâ€•determined with the moss Scorpiurum circinatum. Environmental Pollution, 2009, 157, 2255-2260.	7.5	39
71	Antimicrobial and Antioxidant Activities of Coumarins from the Roots of Ferulago campestris (Apiaceae). Molecules, 2009, 14, 939-952.	3.8	191
72	Proteomic approach for the analysis of acrylamideâ€“hemoglobin adducts. Journal of Chromatography A, 2008, 1215, 74-81.	3.7	9

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73	Trace element accumulation in Pseudevernia furfuracea (L.) Zopf exposed in Italy's so called Triangle of Death. Science of the Total Environment, 2008, 407, 647-654.	8.0	42
74	Comparison of the heavy metal bioaccumulation capacity of an epiphytic moss and an epiphytic lichen. Environmental Pollution, 2008, 151, 401-407.	7.5	75
75	Applications of Environmental Scanning Electron Microscopy (ESEM) in botanical research. Plant Biosystems, 2008, 142, 355-359.	1.6	7
76	Antibacterial and Anticoagulant Activities of Coumarins Isolated from the Flowers of Magydaris tomentosa. Planta Medica, 2007, 73, 116-120.	1.3	79
77	Structure and function of sheep hemoglobin Chios: A novel allele at the HBBB locus with two Lysâ†'Arg substitutions at positions Î²66(E10) and Î²144(HC1). Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2007, 2, 84-90.	1.0	3
78	Feijoa sellowiana derived natural Flavone exerts anti-cancer action displaying HDAC inhibitory activities. International Journal of Biochemistry and Cell Biology, 2007, 39, 1902-1914.	2.8	89
79	Proteomics and Bryophytes: a comparison between different methods of protein extraction to study protein synthesis in the aquatic mossLeptodictyum riparium(Hedw.). Caryologia, 2007, 60, 102-105.	0.3	6
80	Ultrastructural alterations and HSP 70 induction inElodea ca-nadensisMichx. exposed to heavy metals. Caryologia, 2007, 60, 115-120.	0.3	18
81	Inhibition of Inducible Nitric Oxide Synthase Expression by an Acetonic Extract from Feijoa sellowiana Berg. Fruits. Journal of Agricultural and Food Chemistry, 2007, 55, 5053-5061.	5.2	34
82	Antibacterial activity of flavonoids and phenylpropanoids fromMarrubium globosumssp. libanoticum. Phytotherapy Research, 2007, 21, 395-397.	5.8	80
83	Phytogrowth-inhibitory and antibacterial activity of Verbascum sinuatum. FÃ¬toterapÃ¬Ã¢, 2007, 78, 244-247.	2.2	37
84	Antibacterial and antioxidant activities in Sideritis italica (Miller) Greuter et Burdet essential oils. Journal of Ethnopharmacology, 2006, 107, 240-248.	4.1	76
85	Antibacterial and allelopathic activity of methanolic extract from Iris pseudopumila rhizomes. FÃ¬toterapÃ¬Ã¢, 2006, 77, 460-462.	2.2	11
86	Plasticity of repetitive DNA in response to metal stress in Bryophytes. Plant Biosystems, 2006, 140, 80-86.	1.6	2
87	Antibacterial and antioxidant activities of ethanol extract from Paullinia cupana Mart.. Journal of Ethnopharmacology, 2005, 102, 32-36.	4.1	121
88	Effect of cadmium on gene expression in the liverwort Lunularia cruciata. Gene, 2005, 356, 153-159.	2.2	18
89	Biodiversity and trace element content of epiphytic bryophytes in urban and extraurban sites of southern Italy. Plant Ecology, 2004, 170, 1-14.	1.6	42
90	Accumulation, localisation, and toxic effects of cadmium in the liverwort Lunularia cruciata. Protoplasma, 2004, 223, 53-61.	2.1	63

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91	Effects of seven pure flavonoids from mosses on germination and growth of Tortula muralis HEDW. (Bryophyta) and Raphanus sativus L. (Magnoliophyta). Phytochemistry, 2003, 62, 1145-1151.	2.9	69
92	Modulation of protonemal morphogenesis inBryum capillareandPleurochaete squarrosa:A comparison with theFunaria hygrometricamodel system. Plant Biosystems, 2002, 136, 101-107.	1.6	4
93	Ion trap mass spectrometry in the structural analysis of haemoglobin peptides modified by epichlorohydrin and diepoxybutane. Rapid Communications in Mass Spectrometry, 2002, 16, 840-847.	1.5	10
94	Structural analysis of styrene oxide/haemoglobin adducts by mass spectrometry: identification of suitable biomarkers for human exposure evaluation. Rapid Communications in Mass Spectrometry, 2002, 16, 871-878.	1.5	17
95	Accumulation of Pb and Zn in Gametophytes and Sporophytes of the Moss Funaria hygrometrica(Funariales). Annals of Botany, 2001, 87, 537-543.	2.9	48
96	A novel approach for identification and measurement of hemoglobin adducts with 1,2,3,4-diepoxybutane by liquid chromatography/electrospray ionisation mass spectrometry and matrix-assisted laser desorption/ionisation tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2001, 15, 527-540.	1.5	28
97	Mass spectrometric identification of a candidate biomarker peptide from thein vitro interaction of epichlorohydrin with red blood cells. Journal of Mass Spectrometry, 2001, 36, 47-57.	1.6	14
98	Immunopharmacological properties of flavonoids. FÃ¬toterapÃ¬Ã¢, 2000, 71, S101-S109.	2.2	63
99	Antibacterial and allelopathic activity of extract from Castanea sativa leaves. FÃ¬toterapÃ¬Ã¢, 2000, 71, S110-S116.	2.2	172
100	Antimicrobial and antioxidant activities of Feijoa sellowiana fruit. International Journal of Antimicrobial Agents, 2000, 13, 197-201.	2.5	82
101	Antibacterial activity of pure flavonoids isolated from mosses. Phytochemistry, 1999, 52, 1479-1482.	2.9	239
102	Biomonitoring of human exposure to methyl bromide by isotope dilution mass spectrometry of peptide adducts. , 1999, 34, 1028-1032.		22
103	Toxic effects of the thallus of the lichen on the growth and morphogenesis of bryophytes. Cryptogamie, Bryologie, 1999, 20, 35-41.	0.2	13
104	Structural analysis and quantitative evaluation of the modifications produced in human hemoglobin by methyl bromide using mass spectrometry and Edman degradation. , 1998, 12, 1783-1792.		13
105	Antibacterial activity in Rhynchostegium riparioides (hedw.) card. extract (bryophyta). Phytotherapy Research, 1998, 12, S146-S148.	5.8	13
106	Antibacterial activity in Pleurochaete squarrosa extract (Bryophyta). International Journal of Antimicrobial Agents, 1998, 10, 169-172.	2.5	25
107	Antibiotic Effects of Lunularia cruciata (Bryophyta) Extract. Pharmaceutical Biology, 1998, 36, 25-28.	2.9	20
108	Induction of antibacterial activity by Î±-?-oligogalacturonides in Nephrolepis sp. (pteridophyta). International Journal of Antimicrobial Agents, 1997, 8, 131-134.	2.5	7

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109	Antibacterial activity in Actinidia chinensis, Feijoa sellowiana and Aberia caffra. International Journal of Antimicrobial Agents, 1997, 8, 199-203.	2.5	76
110	Effects of lead on the nuclear repetitive DNA of the mossFunaria hygrometrica (Bryophyta). Protoplasma, 1995, 188, 104-108.	2.1	8
111	Effect of Lead and Colchicine on Morphogenesis in Protonemata of the Moss Funaria hygrometrica. Annals of Botany, 1995, 76, 597-606.	2.9	19
112	Tissue and cell localization of experimentally-supplied lead inFunaria hygrometricaHedw. using X-ray SEM and TEM microanalysis. Journal of Bryology, 1994, 18, 69-81.	1.2	36
113	Morphological adaptation to water uptake and transport in the poikilohydric moss Tortula ruralis. Giornale Botanico Italiano (Florence, Italy: 1962), 1993, 127, 1123-1132.	0.0	9
114	Thermal conductivity of natural zeolite-PTFE composites. Heat Recovery Systems & CHP, 1992, 12, 497-503.	0.3	28
115	The structure and role of hyaline parenchyma in the liverwort Lunularia cruciata (L.) Dum. Giornale Botanico Italiano (Florence, Italy: 1962), 1989, 123, 169-176.	0.0	9