

Cinzia Forni

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50
papers

1,159
citations

17
h-index

33
g-index

53
ext. papers

1,398
ext. citations

3.5
avg, IF

4.65
L-index

#	Paper	IF	Citations
50	Mechanisms of plant response to salt and drought stress and their alteration by rhizobacteria. <i>Plant and Soil</i> , 2017 , 410, 335-356	4.2	193
49	Beneficial Role of Phytochemicals on Oxidative Stress and Age-Related Diseases. <i>BioMed Research International</i> , 2019 , 2019, 8748253	3	150
48	Evaluation of the fern <i>Azolla</i> for growth, nitrogen and phosphorus removal from wastewater. <i>Water Research</i> , 2001 , 35, 1592-8	12.5	58
47	Comparative analysis of the polysaccharides produced by different species of <i>Microcystis</i> (Chroococcales, Cyanophyta). <i>Phycologia</i> , 1997 , 36, 181-185	2.7	54
46	Role of pH and pigment concentration for natural dye-sensitized solar cells treated with anthocyanin extracts of common fruits. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016 , 316, 24-30	4.7	52
45	Sulphadimethoxine and <i>Azolla filiculoides</i> Lam.: a model for drug remediation. <i>Water Research</i> , 2002 , 36, 3398-403	12.5	51
44	Enhancement of transglutaminase activity and polyamine depletion in B16-F10 melanoma cells by flavonoids naringenin and hesperitin correlate to reduction of the in vivo metastatic potential. <i>Amino Acids</i> , 2007 , 32, 95-100	3.5	49
43	Indole-3-acetic acid (IAA) production by <i>Arthrobacter</i> species isolated from <i>Azolla</i> . <i>Journal of General Microbiology</i> , 1992 , 138, 377-81		46
42	Phytoremediation of hazardous toxic metals and organics by photosynthetic aquatic systems. <i>Plant Biosystems</i> , 2011 , 145, 224-235	1.6	39
41	Chitosan in Agriculture: A New Challenge for Managing Plant Disease 2017 ,		31
40	Effect of chitosan seed treatment as elicitor of resistance to <i>Fusarium graminearum</i> in wheat. <i>Seed Science and Technology</i> , 2014 , 42, 132-149	0.6	28
39	Stress responses of duckweed (<i>Lemna minor</i> L.) and water velvet (<i>Azolla filiculoides</i> Lam.) to anionic surfactant sodium-dodecyl-sulphate (SDS). <i>Aquatic Toxicology</i> , 2012 , 110-111, 107-13	5.1	28
38	Antineoplastic activity of strawberry (<i>Fragaria</i> <i>nanassa</i> Duch.) crude extracts on B16-F10 melanoma cells. <i>Molecular BioSystems</i> , 2014 , 10, 1255-63		26
37	Disposable electrochemical sensor to evaluate the phytoremediation of the aquatic plant <i>Lemna minor</i> L. toward Pb(2+) and/or Cd(2+). <i>Environmental Science & Technology</i> , 2014 , 48, 7477-85	10.3	26
36	Characterization of the algal flora growing on ancient Roman frescoes. <i>Phycologia</i> , 1987 , 26, 387-390	2.7	24
35	Effects of antibiotic treatments on <i>Azolla-Anabaena</i> and <i>Arthrobacter</i> . <i>Plant and Soil</i> , 1991 , 137, 151-155	4.2	23
34	Effects of treated industrial wastewaters and temperatures on growth and enzymatic activities of duckweed (<i>Lemna minor</i> L.). <i>Ecotoxicology and Environmental Safety</i> , 2018 , 153, 54-59	7	19

33	Flumequine Uptake and the Aquatic Duckweed, Lemna minor L.. <i>Water, Air, and Soil Pollution</i> , 2004 , 156, 241-249	2.6	17
32	Characterization of the response of in vitro cultured Myrtus communis L. plants to high concentrations of NaCl. <i>Plant Physiology and Biochemistry</i> , 2013 , 73, 420-6	5.4	16
31	Production of polysaccharides by Arthrobacter globiformis associated with Anabaena azollae in Azolla leaf cavity. <i>FEMS Microbiology Letters</i> , 1992 , 93, 269-273	2.9	16
30	Bacteria in the Azolla-Anabaena symbiosis 1989 , 83-88		14
29	Duckweed: A Tool for Ecotoxicology and a Candidate for Phytoremediation. <i>Current Biotechnology</i> , 2016 , 5, 2-10	0.6	14
28	Anthocyanic pigments from elicited in vitro grown shoot cultures of Vaccinium corymbosum L., cv. Brigitta Blue, as photosensitizer in natural dye-sensitized solar cells (NDSSC). <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018 , 188, 69-76	6.7	13
27	In vitro cultures of Actinidia deliciosa (A. Chev) C.F. Liang & A.R. Ferguson: a tool to study the SAR induction of chitosan treatment. <i>Organic Agriculture</i> , 2015 , 5, 189-198	1.7	12
26	Flavonoids: A Myth or a Reality for Cancer Therapy?. <i>Molecules</i> , 2021 , 26,	4.8	12
25	Methyl jasmonate promotes anthocyanins production in Prunus salicina [Prunus persica in vitro shoot cultures. <i>Plant Biosystems</i> , 2017 , 151, 788-791	1.6	11
24	Role of transglutaminase 2 in quercetin-induced differentiation of B16-F10 murine melanoma cells. <i>Amino Acids</i> , 2009 , 36, 731-8	3.5	11
23	Different size, shape and growth behaviour of cells in suspension cultures of strawberry (Fragaria x ananassa Duch.). <i>Plant Biosystems</i> , 1999 , 133, 205-212	1.6	11
22	Gradual Exposure to Salinity Improves Tolerance to Salt Stress in Rapeseed (Brassica napus L.). <i>Water (Switzerland)</i> , 2019 , 11, 1667	3	10
21	Effects of sodium dodecyl sulphate on the aquatic macrophytes Azolla and Lemna. <i>Plant Biosystems</i> , 2008 , 142, 665-668	1.6	10
20	Evaluation of polyamines as marker of melanoma cell proliferation and differentiation by an improved high-performance liquid chromatographic method. <i>Amino Acids</i> , 2019 , 51, 1623-1631	3.5	8
19	The application of cryo-SEM techniques to the study of the symbiotic association in the Azolla leaf cavity. <i>Journal of Microscopy</i> , 1992 , 167, 273-278	1.9	7
18	Characterization of Plant Growth-Promoting Traits and Inoculation Effects on Triticum durum of Actinomycetes Isolates under Salt Stress Conditions. <i>Soil Systems</i> , 2021 , 5, 26	3.5	7
17	Amelioration of salt stress tolerance in rapeseed (Brassica napus) cultivars by seed inoculation with Arthrobacter globiformis. <i>Plant Biosystems</i> , 2021 , 1-14	1.6	6
16	Extracts from Cell Suspension Cultures of Strawberry (Duch): Cytotoxic Effects on Human Cancer Cells. <i>Molecules</i> , 2019 , 24,	4.8	5

15	Assessment of the antiproliferative activity on murine melanoma cells of extracts from elicited cell suspensions of strawberry, strawberry tree, blackberry and red raspberry. <i>Plant Biosystems</i> , 2016 , 150, 1233-1239	1.6	5
14	The Hard Life of Prokaryotes in the Leaf Cavities of Azolla 1999 , 629-639		5
13	Enhancement of Tolerance to High Saline Conditions by Seed Priming. <i>Plants</i> , 2021 , 10,	4.5	5
12	FLOATING AQUATIC MACROPHYTES AS A DECONTAMINATION TOOL FOR ANTIMICROBIAL DRUGS 2006 , 467-477		5
11	Morpho-physiological and antioxidant response to NaCl-induced stress in in vitro shoots of pomegranate (<i>Punica granatum</i> L.). <i>Acta Physiologiae Plantarum</i> , 2018 , 40, 1	2.6	4
10	Proteomics and Bryophytes: a comparison between different methods of protein extraction to study protein synthesis in the aquatic moss <i>Leptodictyum riparium</i> (Hedw.). <i>Caryologia</i> , 2007 , 60, 102-105		4
9	Comparative analysis of DNA nuclear content by flow cytometry on strawberry plants propagated via runners and regenerated from meristem and callus cultures. <i>Plant Biosystems</i> , 2001 , 135, 169-174	1.6	4
8	<i>Daucus carota</i> L. Seed Inoculation with a Consortium of Bacteria Improves Plant Growth, Soil Fertility Status and Microbial Community. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 3274	2.6	4
7	Polyamine concentration, transglutaminase activity and changes in protein synthesis during cryopreservation of shoot tips of apple variety Annurca. <i>Cryo-Letters</i> , 2010 , 31, 413-25	0.3	4
6	Pigments for natural dye-sensitized solar cells from in vitro grown shoot cultures. <i>Journal of Photonics for Energy</i> , 2017 , 7, 025503	1.2	3
5	Azolla: An efficient N ₂ -fixing association with three components. <i>Giornale Botanico Italiano (Florence, Italy: 1962)</i> , 1993 , 127, 422-427		3
4	Reduction of oxidative stress and ornithine decarboxylase expression in a human prostate cancer cell line PC-3 by a combined treatment with ß-copherol and naringenin. <i>Amino Acids</i> , 2021 , 53, 63-72	3.5	3
3	EFFECT OF ABIOTIC ELICITORS ON ANTHOCYANIN PRODUCTION IN BERRY CELL SUSPENSIONS. <i>Acta Horticulturae</i> , 2012 , 325-329	0.3	1
2	PGPB Improve Photosynthetic Activity and Tolerance to Oxidative Stress in Brassica napus Grown on Salinized Soils. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 11442	2.6	1
1	Morpho-physiological responses of sea buckthorn (<i>Hippophae rhamnoides</i>) to NaCl stress. <i>Plant Biosystems</i> , 2020 , 154, 827-834	1.6	1