

# Anna Rita Rivelli

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,598  
citations

393982

19  
h-index

395343

33  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2202  
citing authors

#	ARTICLE	IF	CITATIONS
1	Factors affecting CO <sub>2</sub> assimilation, leaf injury and growth in salt-stressed durum wheat. <i>Functional Plant Biology</i> , 2002, 29, 1393.	1.1	259
2	Title is missing!. <i>Plant and Soil</i> , 2002, 247, 93-105.	1.8	252
3	Culturable bacteria from Zn- and Cd-accumulating <i>Salix caprea</i> with differential effects on plant growth and heavy metal availability. <i>Journal of Applied Microbiology</i> , 2010, 108, 1471-1484.	1.4	209
4	Effect of salinity on water relations and growth of wheat genotypes with contrasting sodium uptake. <i>Functional Plant Biology</i> , 2002, 29, 1065.	1.1	93
5	Effectiveness of the photochemical reflectance index to track photosynthetic activity over a range of forest tree species and plant water statuses. <i>Functional Plant Biology</i> , 2011, 38, 177.	1.1	79
6	Immunological evaluation of the alcohol-soluble protein fraction from gluten-free grains in relation to celiac disease. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 1266-1270.	1.5	66
7	Avenues for increasing salt tolerance of crops, and the role of physiologically based selection traits. , 2002, , 93-105.		61
8	Horseradish ( <i>Armoracia rusticana</i> ), a neglected medical and condiment species with a relevant glucosinolate profile: a review. <i>Genetic Resources and Crop Evolution</i> , 2013, 60, 1923-1943.	0.8	54
9	Effects of salinity on gas exchange, water relations and growth of sunflower ( <i>Helianthus annuus</i> ). <i>Functional Plant Biology</i> , 2002, 29, 1405.	1.1	45
10	Glucosinolate profile and distribution among plant tissues and phenological stages of field-grown horseradish. <i>Phytochemistry</i> , 2014, 106, 178-187.	1.4	45
11	Accumulation of Cadmium, Zinc, and Copper by <i>Helianthus Annuus</i> L.: Impact on Plant Growth and Uptake of Nutritional Elements. <i>International Journal of Phytoremediation</i> , 2012, 14, 320-334.	1.7	43
12	Investigation of Glucosinolate Profile and Qualitative Aspects in Sprouts and Roots of Horseradish ( <i>Armoracia rusticana</i> ) Using LC-ESI-Hybrid Linear Ion Trap with Fourier Transform Ion Cyclotron Resonance Mass Spectrometry and Infrared Multiphoton Dissociation. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 7474-7482.	2.4	34
13	A Complete Survey of Glycoalkaloids Using LC-FTICR-MS and IRMPD in a Commercial Variety and a Local Landrace of Eggplant ( <i>Solanum melongena</i> L.) and their Anticholinesterase and Antioxidant Activities. <i>Toxins</i> , 2019, 11, 230.	1.5	34
14	Biochar, Vermicompost, and Compost as Soil Organic Amendments: Influence on Growth Parameters, Nitrate and Chlorophyll Content of Swiss Chard ( <i>Beta vulgaris</i> L. var. <i>cycla</i> ). <i>Agronomy</i> , 2020, 10, 346.	1.3	32
15	Lysimetric determination of muskmelon crop coefficients cultivated under plastic mulches. <i>Agricultural Water Management</i> , 2005, 72, 147-159.	2.4	31
16	Trace element accumulation and distribution in sunflower plants at the stages of flower bud and maturity. <i>Italian Journal of Agronomy</i> , 2013, 8, 9.	0.4	29
17	Drought resistance of native and introduced perennial grasses of south-eastern Australia. <i>Australian Journal of Agricultural Research</i> , 2005, 56, 1261.	1.5	27
18	It's a long way to the top: Plant species diversity in the transition from managed to old-growth forests. <i>Journal of Vegetation Science</i> , 2018, 29, 98-109.	1.1	26

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19	Water use assessment in muskmelon by the Penman-Monteith one-step approach. <i>Agricultural Water Management</i> , 2008, 95, 1153-1160.	2.4	25
20	GROWTH AND PHYSIOLOGICAL RESPONSE OF HYDROPONICALLY-GROWN SUNFLOWER AS AFFECTED BY SALINITY AND MAGNESIUM LEVELS. <i>Journal of Plant Nutrition</i> , 2010, 33, 1307-1323.	0.9	23
21	Adaptability and productivity of some warm-season pasture species in a Mediterranean environment. <i>Grass and Forage Science</i> , 2007, 62, 78-86.	1.2	21
22	Relation between plant water status and <i>Macrosiphum euphorbiae</i> (Hemiptera: Aphididae) population dynamics on three cultivars of tomato. <i>European Journal of Entomology</i> , 2013, 110, 617-625.	1.2	18
23	Quanti-Qualitative Response of Swiss Chard ( <i>Beta vulgaris</i> L. var. <i>cycla</i> ) to Soil Amendment with Biochar-Compost Mixtures. <i>Agronomy</i> , 2021, 11, 307.	1.3	13
24	Field evaluation of <i>Amaranthus</i> species for seed and biomass yields in southern Italy. <i>Italian Journal of Agronomy</i> , 2008, 3, 225.	0.4	12
25	Vitamin C content in leaves and roots of horseradish ( <i>Armoracia rusticana</i> ): seasonal variation in fresh tissues and retention as affected by storage conditions. <i>Emirates Journal of Food and Agriculture</i> , 0, , 799.	1.0	12
26	Impact of Zeolite from Coal Fly Ash on Soil Hydrophysical Properties and Plant Growth. <i>Agriculture (Switzerland)</i> , 2022, 12, 356.	1.4	12
27	Evaluation of root yield traits and glucosinolate concentration of different <i>Armoracia rusticana</i> accessions in Basilicata region (southern Italy). <i>Scientia Horticulturae</i> , 2014, 170, 249-255.	1.7	10
28	Influence of nitrogen and sulfur fertilization on glucosinolate content and composition of horseradish plants harvested at different developmental stages. <i>Acta Physiologiae Plantarum</i> , 2016, 38, 1.	1.0	8
29	Yield Traits and Water and Nitrogen Use Efficiencies of Bell Pepper Grown in Plastic-Greenhouse. <i>Italian Journal of Agronomy</i> , 2009, 4, 91.	0.4	7
30	Apical dominance ratio as an indicator of the growth conditions favouring <i>Abies alba</i> natural regeneration under Mediterranean environment. <i>European Journal of Forest Research</i> , 2016, 135, 377-387.	1.1	5
31	Evaluating strategies to improve glucosinolate concentration and root yield of field-grown horseradish in a Mediterranean environment: preliminary results. <i>Italian Journal of Agronomy</i> , 2016, 11, 65-68.	0.4	4
32	Assessment of a non-destructive method to estimate the leaf area of <i>Armoracia rusticana</i> . <i>Acta Physiologiae Plantarum</i> , 2018, 40, 1.	1.0	4
33	Ion distribution and gas exchange of hydroponically grown sunflower plants as affected by salinity. <i>Italian Journal of Agronomy</i> , 2006, 1, 393.	0.4	3
34	Exploring the physiological and agronomic response of <i>Armoracia rusticana</i> grown in rainfed Mediterranean conditions. <i>Italian Journal of Agronomy</i> , 2019, 14, 133-141.	0.4	1
35	Agronomic Characteristics of Several Local Varieties of Potato Cultivated in a Protected Area. <i>Journal of Agronomy</i> , 2018, 17, 92-98.	0.4	1