

# Carmine Guarino

## 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.

34  
papers

460  
citations

12  
h-index

21  
g-index

35  
ext. papers

600  
ext. citations

5.2  
avg, IF

3.92  
L-index

#	Paper	IF	Citations
34	Gentle remediation at the former Bertusola SudZinc smelter: Evaluation of native species for phytoremediation purposes. <i>Ecological Engineering</i> , <b>2013</b> , 53, 343-353	3.9	51
33	Proteomic analysis of the major soluble components in Annurca apple flesh. <i>Molecular Nutrition and Food Research</i> , <b>2007</b> , 51, 255-62	5.9	41
32	Ethnobotanical Study of the Sannio Area, Campania, Southern Italy. <i>Ethnobotany Research and Applications</i> , <b>2008</b> , 6, 255	9.7	39
31	Effectiveness of in situ application of an Integrated Phytoremediation System (IPS) by adding a selected blend of rhizosphere microbes to heavily multi-contaminated soils. <i>Ecological Engineering</i> , <b>2017</b> , 99, 70-82	3.9	38
30	Genetic characterization, micropropagation, and potential use for arsenic phytoremediation of <i>Dittrichia viscosa</i> (L.) Greuter. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 148, 675-683	7	32
29	<i>Prunus avium</i> : nuclear DNA study in wild populations and sweet cherry cultivars. <i>Genome</i> , <b>2009</b> , 52, 320-374		28
28	Permanent genetic resources added to molecular ecology resources database 1 December 2012-31 January 2013. <i>Molecular Ecology Resources</i> , <b>2013</b> , 13, 546-9	8.4	27
27	Investigation and Assessment for an effective approach to the reclamation of Polycyclic Aromatic Hydrocarbon (PAHs) contaminated site: SIN Bagnoli, Italy. <i>Scientific Reports</i> , <b>2019</b> , 9, 11522	4.9	26
26	Identification of native-metal tolerant plant species in situ: Environmental implications and functional traits. <i>Science of the Total Environment</i> , <b>2019</b> , 650, 3156-3167	10.2	23
25	Proteomic analysis of eucalyptus leaves unveils putative mechanisms involved in the plant response to a real condition of soil contamination by multiple heavy metals in the presence or absence of mycorrhizal/rhizobacterial additives. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 11487-96	10.3	21
24	Cultivation and use of <i>isatis tinctoria</i> L. (Brassicaceae) in Southern Italy. <i>Economic Botany</i> , <b>2000</b> , 54, 395-400		21
23	Genetic and morphologic diversity of European fan palm ( <i>Chamaerops humilis</i> L.) populations from different environments from Sicily. <i>Botanical Journal of the Linnean Society</i> , <b>2014</b> , 176, 66-81	2.2	16
22	Sustainability: Obtaining Natural Dyes from Waste Matrices Using the Prickly Pear Peels of <i>Opuntia ficus-indica</i> (L.) Miller. <i>Agronomy</i> , <b>2020</b> , 10, 528	3.6	11
21	Plant-Soil-Microbiota Combination for the Removal of Total Petroleum Hydrocarbons (TPH): An In-Field Experiment. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 621581	5.7	11
20	Poaceae with PGPR Bacteria and Arbuscular Mycorrhizae Partnerships as a Model System for Plant Microbiome Manipulation for Phytoremediation of Petroleum Hydrocarbons Contaminated Agricultural Soils. <i>Agronomy</i> , <b>2020</b> , 10, 547	3.6	10
19	Enhancing Phytoextraction of HMs at Real Scale, by Combining Salicaceae Trees With Microbial Consortia. <i>Frontiers in Environmental Science</i> , <b>2018</b> , 6,	4.8	10
18	Carbonized seeds in a protohistoric house: results of hearth and house experiments. <i>Vegetation History and Archaeobotany</i> , <b>2004</b> , 13, 65-70	2.6	9

17	Contamination and ecological risk assessment of the seaport of Naples (Italy): Insights from marine sediments. <i>Journal of Geochemical Exploration</i> , <b>2020</b> , 210, 106449	3.8	8
16	Molecular and environmental analysis of Campania (Italy) sweet cherry ( <i>Prunus avium</i> L.) cultivars for biocultural refugia identification and conservation. <i>Scientific Reports</i> , <b>2019</b> , 9, 6796	4.9	7
15	Soil Metaproteomics for the Study of the Relationships Between Microorganisms and Plants: A Review of Extraction Protocols and Ecological Insights. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	7
14	The identification of allergen proteins in two different varieties of strawberry by two different approaches: Proteomic and western blotting method. <i>Annals of Agricultural Sciences</i> , <b>2018</b> , 63, 181-189	6.4	6
13	Successful Integrated Bioremediation System of Hydrocarbon-Contaminated Soil at a Former Oil Refinery Using Autochthonous Bacteria and Rhizo-Microbiota <b>2017</b> , 53-76		2
12	Data matrix of site-specific environmental variables: Phytomanagement of a contaminated brownfield site. <i>Data in Brief</i> , <b>2019</b> , 25, 103957	1.2	2
11	Recovery and Valorization of Bioactive and Functional Compounds from the Discarded of <i>Opuntia ficus-indica</i> (L.) Mill. Fruit Peel. <i>Agronomy</i> , <b>2022</b> , 12, 388	3.6	2
10	Circular economy and secondary raw materials from fruits as sustainable source for recovery and reuse. A review. <i>Trends in Food Science and Technology</i> , <b>2022</b> ,	15.3	2
9	The Proteomic Changes in <i>Cynara Cardunculus</i> L. var. <i>altilis</i> DC Following the Etiolation Phenomena Using De Novo Sequence Analysis. <i>Journal of Botany</i> , <b>2010</b> , 2010, 1-16	0	2
8	Notulae to the Italian flora of algae, bryophytes, fungi and lichens: 9. <i>Italian Botanist</i> , <b>9</b> , 35-46		2
7	Role of historic gardens in biodiversity-conservation strategy: the example of the Giardino Inglese of Reggia di Caserta (UNESCO) (Italy). <i>Plant Biosystems</i> , <b>2021</b> , 155, 983-993	1.6	2
6	Overcome the limits of multi-contaminated industrial soils bioremediation: Insights from a multi-disciplinary study. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 421, 126762	12.8	2
5	Divide et Disperda: Thirty Years of Fragmentation and Impacts on the Eco-Mosaic in the Case Study of the Metropolitan City of Naples. <i>Land</i> , <b>2021</b> , 10, 485	3.5	1
4	The remediation potential for PAHs of L. combined with an enhanced rhizosphere landscape: A full-scale mesocosm experiment. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , <b>2021</b> , 31, e00657	5.3	1
3	Exploring an enhanced rhizospheric phenomenon for pluricontaminated soil remediation: Insights from tripartite metatranscriptome analyses.. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 428, 128246	12.8	0
2	Plants Named "Lotus" in Antiquity: Historiography, Biogeography, and Ethnobotany. <i>Harvard Papers in Botany</i> , <b>2020</b> , 25, 59	0.3	0
1	Effects of Annurca Apple Fruit, a Southern Italy Cultivar, on Lipid Metabolism in Wistar Rats. <i>Current Nutrition and Food Science</i> , <b>2010</b> , 6, 182-185	0.7	