

# Carmine Guarino

## List of Publications by Year in descending order

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35  
papers

705  
citations

566801

15  
h-index

610482

24  
g-index

35  
all docs

35  
docs citations

35  
times ranked

978  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gentle remediation at the former "Pertusola Sud" zinc smelter: Evaluation of native species for phytoremediation purposes. <i>Ecological Engineering</i> , 2013, 53, 343-353.	1.6	64
2	Proteomic analysis of the major soluble components in Annurca apple flesh. <i>Molecular Nutrition and Food Research</i> , 2007, 51, 255-262.	1.5	62
3	Ethnobotanical Study of the Sannio Area, Campania, Southern Italy. <i>Ethnobotany Research and Applications</i> , 0, 6, 255.	0.3	60
4	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> , 2017, 99, 70-82.	1.6	45
5	Genetic characterization, micropropagation, and potential use for arsenic phytoremediation of <i>Dittrichia viscosa</i> (L.) Greuter. <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 675-683.	2.9	41
6	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 December 2012"31 January 2013. <i>Molecular Ecology Resources</i> , 2013, 13, 546-549.	2.2	36
7	Investigation and Assessment for an effective approach to the reclamation of Polycyclic Aromatic Hydrocarbon (PAHs) contaminated site: SIN Bagnoli, Italy. <i>Scientific Reports</i> , 2019, 9, 11522.	1.6	36
8	Identification of native-metal tolerant plant species in situ: Environmental implications and functional traits. <i>Science of the Total Environment</i> , 2019, 650, 3156-3167.	3.9	35
9	<i>Prunus avium</i> : nuclear DNA study in wild populations and sweet cherry cultivars. <i>Genome</i> , 2009, 52, 320-337.	0.9	31
10	Plant-Soil-Microbiota Combination for the Removal of Total Petroleum Hydrocarbons (TPH): An In-Field Experiment. <i>Frontiers in Microbiology</i> , 2020, 11, 621581.	1.5	31
11	Cultivation and use of <i>isatis tinctoria</i> L. (Brassicaceae) in Southern Italy. <i>Economic Botany</i> , 2000, 54, 395-400.	0.8	27
12	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> , 2014, 48, 11487-11496.	4.6	23
13	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> , 2020, 21, 8455.	1.8	23
14	Sustainability: Obtaining Natural Dyes from Waste Matrices Using the Prickly Pear Peels of <i>Opuntia ficus-indica</i> (L.) Miller. <i>Agronomy</i> , 2020, 10, 528.	1.3	23
15	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> , 2014, 176, 66-81.	0.8	21
16	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> , 2020, 10, 547.	1.3	19
17	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> , 2022, 122, 157-170.	7.8	18
18	Contamination and ecological risk assessment of the seaport of Naples (Italy): Insights from marine sediments. <i>Journal of Geochemical Exploration</i> , 2020, 210, 106449.	1.5	14

#	ARTICLE	IF	CITATIONS
19	Carbonized seeds in a protohistoric house: results of hearth and house experiments. <i>Vegetation History and Archaeobotany</i> , 2004, 13, 65-70.	1.0	13
20	Enhancing Phytoextraction of HMs at Real Scale, by Combining Salicaceae Trees With Microbial Consortia. <i>Frontiers in Environmental Science</i> , 2018, 6, .	1.5	12
21	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> , 2019, 9, 6796.	1.6	11
22	Exploring an enhanced rhizospheric phenomenon for pluricontaminated soil remediation: Insights from tripartite metatranscriptome analyses. <i>Journal of Hazardous Materials</i> , 2022, 428, 128246.	6.5	10
23	Recovery and Valorization of Bioactive and Functional Compounds from the Discarded of <i>Opuntia ficus-indica</i> (L.) Mill. Fruit Peel. <i>Agronomy</i> , 2022, 12, 388.	1.3	9
24	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> , 2018, 63, 181-189.	1.1	7
25	Overcome the limits of multi-contaminated industrial soils bioremediation: Insights from a multi-disciplinary study. <i>Journal of Hazardous Materials</i> , 2022, 421, 126762.	6.5	7
26	Biotechnological Combination for Co-contaminated Soil Remediation: Focus on Tripartite "Meta-Enzymatic" Activity. <i>Frontiers in Plant Science</i> , 2022, 13, .	1.7	5
27	The remediation potential for PAHs of <i>Verbascum sinuatum</i> L. combined with an enhanced rhizosphere landscape: A full-scale mesocosm experiment. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2021, 31, e00657.	2.1	4
28	Successful Integrated Bioremediation System of Hydrocarbon-Contaminated Soil at a Former Oil Refinery Using Autochthonous Bacteria and Rhizo-Microbiota. , 2017, , 53-76.		3
29	Role of historic gardens in biodiversity-conservation strategy: the example of the Giardino Inglese di Reggia di Caserta (UNESCO) (Italy). <i>Plant Biosystems</i> , 2021, 155, 983-993.	0.8	3
30	The Proteomic Changes in <i>Cynara Cardunculus</i> L. var. <i>altilis</i> DC Following the Etiolation Phenomena Using <i>De Novo</i> Sequence Analysis. <i>Journal of Botany</i> , 2010, 2010, 1-16.	1.2	3
31	Notulae to the Italian flora of algae, bryophytes, fungi and lichens: 9. <i>Italian Botanist</i> , 0, 9, 35-46.	0.0	3
32	Data matrix of site-specific environmental variables: Phytomanagement of a contaminated brownfield site. <i>Data in Brief</i> , 2019, 25, 103957.	0.5	2
33	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> , 2021, 10, 485.	1.2	2
34	Plants Named "Lotus" in Antiquity: Historiography, Biogeography, and Ethnobotany. <i>Harvard Papers in Botany</i> , 2020, 25, 59.	0.1	2
35	Effects of Annurca Apple Fruit, a Southern Italy Cultivar, on Lipid Metabolism in Wistar Rats. <i>Current Nutrition and Food Science</i> , 2010, 6, 182-185.	0.3	0