

# Enrica Roccotiello

## 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.

28 papers	556 citations	12 h-index	23 g-index
32 ext. papers	646 ext. citations	3.5 avg, IF	3.53 L-index

#	Paper	IF	Citations
28	Effects of high zinc concentration on poplar leaves: A morphological and biochemical study. <i>Environmental and Experimental Botany</i> , <b>2011</b> , 71, 50-56	5.9	100
27	Quantification of fine dust deposition on different plant species in a vertical greening system. <i>Ecological Engineering</i> , <b>2017</b> , 100, 268-276	3.9	86
26	Overexpression of AtPCS1 in tobacco increases arsenic and arsenic plus cadmium accumulation and detoxification. <i>Planta</i> , <b>2016</b> , 243, 605-22	4.7	62
25	Microfungi in highly copper-contaminated soils from an abandoned Fe-Cu sulphide mine: growth responses, tolerance and bioaccumulation. <i>Chemosphere</i> , <b>2014</b> , 117, 471-6	8.4	36
24	Isidia ontogeny and its effect on the CO <sub>2</sub> gas exchanges of the epiphytic lichen <i>Pseudevernia furfuracea</i> (L.) Zopf. <i>Lichenologist</i> , <b>2005</b> , 37, 445-462	1.1	35
23	Nickel phytoremediation potential of the Mediterranean <i>Alyssoides utriculata</i> (L.) Medik. <i>Chemosphere</i> , <b>2015</b> , 119, 1372-1378	8.4	27
22	Seed morphology in <i>Moehringia</i> L. and its taxonomic significance in comparative studies within the Caryophyllaceae. <i>Plant Systematics and Evolution</i> , <b>2006</b> , 262, 189-208	1.3	26
21	Assessment of Ni accumulation capability by fungi for a possible approach to remove metals from soils and waters. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , <b>2017</b> , 52, 166-170	2.2	24
20	Level of trace elements in Pteridophytes growing on serpentine and metalliferous soils. <i>Journal of Plant Nutrition and Soil Science</i> , <b>2007</b> , 170, 781-787	2.3	19
19	New seed morphological features in <i>Moehringia</i> L. (Caryophyllaceae) and their taxonomic and ecological significance. <i>Plant Biosystems</i> , <b>2011</b> , 145, 60-67	1.6	18
18	Conclusive remarks. Reliability and comparability of chlorophyll fluorescence data from several field teams. <i>Environmental and Experimental Botany</i> , <b>2011</b> , 73, 116-119	5.9	17
17	Zinc tolerance and accumulation in the ferns <i>Polypodium cambricum</i> L. and <i>Pteris vittata</i> L. <i>Ecotoxicology and Environmental Safety</i> , <b>2010</b> , 73, 1264-71	7	13
16	Dispersal mechanisms in some representatives of the genus <i>Moehringia</i> L. (Caryophyllaceae). <i>Acta Oecologica</i> , <b>2008</b> , 33, 246-252	1.7	10
15	Floral features and reproductive ecology in <i>Thymelaea hirsuta</i> (L.) Endl.. <i>Plant Systematics and Evolution</i> , <b>2005</b> , 250, 157-172	1.3	10
14	The impact of Ni on the physiology of a Mediterranean Ni-hyperaccumulating plant. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 12414-22	5.1	9
13	Rhizosphere response to nickel in a facultative hyperaccumulator. <i>Chemosphere</i> , <b>2019</b> , 232, 243-253	8.4	8
12	Pollination ecology in the narrow endemic winter-flowering <i>Primula allionii</i> (Primulaceae). <i>Journal of Plant Research</i> , <b>2014</b> , 127, 141-50	2.6	8

11	Effects of cadmium and arsenic on <i>Pteris vittata</i> under hydroponic conditions. <i>Environmental Toxicology and Chemistry</i> , <b>2012</b> , 31, 1375-80	3.8	8
10	Plant Colonization on a Contaminated Serpentine Site. <i>Northeastern Naturalist</i> , <b>2009</b> , 16, 297-308	0.5	8
9	An anatomical study of floral variation in <i>Thymelaea hirsuta</i> (L.) Endl. related to sexual dimorphism. <i>Plant Biosystems</i> , <b>2006</b> , 140, 123-131	1.6	8
8	Ecological Studies on the Serpentine Endemic Plant <i>Cerastium utriense</i> Barberis. <i>Northeastern Naturalist</i> , <b>2009</b> , 16, 405-421	0.5	6
7	The flower biology of <i>Daphne gnidium</i> L. (Thymelaeaceae). <i>Plant Systematics and Evolution</i> , <b>2009</b> , 279, 41-49	1.3	5
6	Green Streets for Pollutants Reduction <b>2018</b> , 149-156		4
5	Vertical Greening Systems for Pollutants Reduction <b>2018</b> , 131-140		3
4	Root and Shoot Response to Nickel in Hyperaccumulator and Non-Hyperaccumulator Species. <i>Plants</i> , <b>2021</b> , 10,	4.5	2
3	Microclimatic and Environmental Improvement in a Mediterranean City through the Regeneration of an Area with Nature-Based Solutions: A Case Study. <i>Sustainability</i> , <b>2022</b> , 14, 5847	3.6	2
2	Tomato ( <i>Solanum lycopersicum</i> L.) accumulation and allergenicity in response to nickel stress.. <i>Scientific Reports</i> , <b>2022</b> , 12, 5432	4.9	0
1	Reproductive ecology of <i>Saxifraga florulenta</i> , a monocarpic perennial paleo-endemic of the Alps. <i>Plant Biosystems</i> , <b>2020</b> , 1-9	1.6	