

# Mirta Tkalec

## List of Publications by Year in Descending Order

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**Version:** 2024-04-24

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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.

26  
papers

746  
citations

11  
h-index

27  
g-index

28  
ext. papers

861  
ext. citations

4.1  
avg, IF

3.8  
L-index

#	Paper	IF	Citations
26	Phytotoxicity of Silver Nanoparticles on Tobacco Plants: Evaluation of Coating Effects on Photosynthetic Performance and Chloroplast Ultrastructure. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	6
25	Coating-Dependent Effects of Silver Nanoparticles on Tobacco Seed Germination and Early Growth. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	6
24	Comparative proteomic study of phytotoxic effects of silver nanoparticles and silver ions on tobacco plants. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 22529-22550	5.1	15
23	Coexisting lacertid lizard species <i>Podarcis siculus</i> and <i>Podarcis melisellensis</i> differ in dopamine brain concentrations. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , <b>2019</b> , 205, 451-456	2.3	4
22	Changes in <i>Cryphonectria parasitica</i> Populations Affect Natural Biological Control of Chestnut Blight. <i>Phytopathology</i> , <b>2018</b> , 108, 870-877	3.8	8
21	Phytotoxic effects of silver nanoparticles in tobacco plants. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 5590-5602	5.1	70
20	Physiological, ultrastructural and proteomic responses of tobacco seedlings exposed to silver nanoparticles and silver nitrate. <i>Chemosphere</i> , <b>2018</b> , 209, 640-653	8.4	31
19	<i>Cryphonectria hypovirus</i> 1-Induced Changes of Stress Enzyme Activity in Transfected Phytopathogenic Fungus <i>Cryphonectria parasitica</i> . <i>Microbial Ecology</i> , <b>2017</b> , 74, 302-311	4.4	5
18	Toxicity of silver ions and differently coated silver nanoparticles in <i>Allium cepa</i> roots. <i>Ecotoxicology and Environmental Safety</i> , <b>2017</b> , 137, 18-28	7	141
17	Effects of short-term exposure to mobile phone radiofrequency (900 MHz) on the oxidative response and genotoxicity in honey bee larvae. <i>Journal of Apicultural Research</i> , <b>2017</b> , 56, 430-438	2	10
16	Integrative approach gives new insights into combined Cd/Cu exposure in tobacco. <i>Acta Physiologiae Plantarum</i> , <b>2016</b> , 38, 1	2.6	9
15	Expression of dehydrins, HSP70, Cu/Zn SOD, and RuBisCO in leaves of tobacco ( <i>Nicotiana tabacum</i> L.) dihaploids under salt stress. <i>In Vitro Cellular and Developmental Biology - Plant</i> , <b>2016</b> , 52, 233-240	2.3	5
14	Influence of digested wastewater sludge on early growth of the perennial ryegrass ( <i>Lolium perenne</i> L.). <i>Environmental Earth Sciences</i> , <b>2016</b> , 75, 1	2.9	4
13	Proteomic analysis of <i>Mammillaria gracilis</i> Pfeiff. in vitro-grown cultures exposed to iso-osmotic NaCl and mannitol. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2015</b> , 122, 127-146	2.7	5
12	The acclimation of carnivorous round-leaved sundew ( <i>Drosera rotundifolia</i> L.) to solar radiation. <i>Acta Physiologiae Plantarum</i> , <b>2015</b> , 37, 1	2.6	4
11	Effect of NaCl stress on dihaploid tobacco lines tolerant to Potato virus Y. <i>Acta Physiologiae Plantarum</i> , <b>2014</b> , 36, 1739-1747	2.6	4
10	The effects of cadmium-zinc interactions on biochemical responses in tobacco seedlings and adult plants. <i>PLoS ONE</i> , <b>2014</b> , 9, e87582	3.7	92

9	Effects of iso-osmotic NaCl and mannitol on growth, proline content, and antioxidant defense in <i>Mammillaria gracilis</i> Pfeiff. in vitro-grown cultures. <i>In Vitro Cellular and Developmental Biology - Plant</i> , <b>2013</b> , 49, 421-432	2.3	5
8	Oxidative and genotoxic effects of 900 MHz electromagnetic fields in the earthworm <i>Eisenia fetida</i> . <i>Ecotoxicology and Environmental Safety</i> , <b>2013</b> , 90, 7-12	7	33
7	In vitro conditions affect photosynthetic performance and crassulacean acid metabolism in <i>Mammillaria gracilis</i> Pfeiff. tissues. <i>Acta Physiologiae Plantarum</i> , <b>2012</b> , 34, 1883-1893	2.6	5
6	Growth Conditions in In Vitro Culture Can Induce Oxidative Stress in <i>Mammillaria gracilis</i> Tissues. <i>Journal of Plant Growth Regulation</i> , <b>2009</b> , 28, 36-45	4.7	30
5	Effects of radiofrequency electromagnetic fields on seed germination and root meristematic cells of <i>Allium cepa</i> L. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2009</b> , 672, 76-83		78
4	Cadmium-induced responses in duckweed <i>Lemna minor</i> L.. <i>Acta Physiologiae Plantarum</i> , <b>2008</b> , 30, 881-890		57
3	Exposure to radiofrequency radiation induces oxidative stress in duckweed <i>Lemna minor</i> L. <i>Science of the Total Environment</i> , <b>2007</b> , 388, 78-89	10.2	63
2	Evaluation of Genotoxic Potential of Microwave Electromagnetic Field in Onion ( <i>Allium Cepa</i> ) <b>2007</b> ,		2
1	Influence of 400, 900, and 1900 MHz electromagnetic fields on <i>Lemna minor</i> growth and peroxidase activity. <i>Bioelectromagnetics</i> , <b>2005</b> , 26, 185-93	1.6	53