

# Pavle Pavlovic

## 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.

78  
papers

1,571  
citations

21  
h-index

38  
g-index

84  
ext. papers

1,895  
ext. citations

2.8  
avg, IF

4.6  
L-index

#	Paper	IF	Citations
78	Trees as bioindicator of heavy metal pollution in three European cities. <i>Environmental Pollution</i> , <b>2011</b> , 159, 3560-70	9.3	215
77	An ethnobotanical study on the usage of wild medicinal herbs from Kopaonik Mountain (Central Serbia). <i>Journal of Ethnopharmacology</i> , <b>2007</b> , 111, 160-75	5	195
76	An ethnobotanical survey of traditionally used plants on Suva planina mountain (south-eastern Serbia). <i>Journal of Ethnopharmacology</i> , <b>2015</b> , 175, 93-108	5	93
75	Allelopathic potential of <i>Allium ursinum</i> L.. <i>Biochemical Systematics and Ecology</i> , <b>2004</b> , 32, 533-544	1.4	80
74	Ecological Potential of Plants for Phytoremediation and Ecorestoration of Fly Ash Deposits and Mine Wastes. <i>Frontiers in Environmental Science</i> , <b>2018</b> , 6,	4.8	73
73	An ecophysiological study of plants growing on the fly ash deposits from the "Nikola Tesla-A" thermal power station in Serbia. <i>Environmental Management</i> , <b>2004</b> , 33, 654-63	3.1	58
72	Traditional wound-healing plants used in the Balkan region (Southeast Europe). <i>Journal of Ethnopharmacology</i> , <b>2018</b> , 211, 311-328	5	57
71	Review of Ethnobotanical, Phytochemical, and Pharmacological Study of <i>Thymus serpyllum</i> L. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2015</b> , 2015, 101978	2.3	50
70	The potential of <i>Festuca rubra</i> and <i>Calamagrostis epigejos</i> for the revegetation of fly ash deposits. <i>Science of the Total Environment</i> , <b>2008</b> , 407, 338-47	10.2	47
69	Assessment of the phytoremediation potential and an adaptive response of <i>Festuca rubra</i> L. sown on fly ash deposits: Native grass has a pivotal role in ecorestoration management. <i>Ecological Engineering</i> , <b>2016</b> , 93, 250-261	3.9	47
68	Assessment of the contamination of riparian soil and vegetation by trace metals--A Danube River case study. <i>Science of the Total Environment</i> , <b>2016</b> , 540, 396-409	10.2	45
67	Phytotherapy in medieval Serbian medicine according to the pharmacological manuscripts of the Chilandar Medical Codex (15-16th centuries). <i>Journal of Ethnopharmacology</i> , <b>2011</b> , 137, 601-19	5	40
66	An assessment of the tolerance of <i>Ligustrum ovalifolium</i> Hassk. to traffic-generated Pb using physiological and biochemical markers. <i>Ecotoxicology and Environmental Safety</i> , <b>2009</b> , 72, 1090-101	7	37
65	Phenolic acids as bioindicators of fly ash deposit revegetation. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2006</b> , 50, 488-95	3.2	32
64	Ecological potential of <i>Epilobium dodonaei</i> Vill. for restoration of metalliferous mine wastes. <i>Ecological Engineering</i> , <b>2016</b> , 95, 800-810	3.9	32
63	Evaluation of potentially toxic element contamination in the riparian zone of the River Sava. <i>Catena</i> , <b>2019</b> , 174, 399-412	5.8	31
62	Ecophysiological and biochemical traits of three herbaceous plants growing on the disposed coal combustion fly ash of different weathering stage. <i>Archives of Biological Sciences</i> , <b>2013</b> , 65, 1651-1667	0.7	29

61	An allelopathic investigation of the domination of the introduced invasive <i>Conyza canadensis</i> L.. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , <b>2011</b> , 206, 921-927	1.9	27
60	The potential of four woody species for the revegetation of fly ash deposits from the Nikola Tesla-thermoelectric plant (Obrenovac, Serbia). <i>Archives of Biological Sciences</i> , <b>2012</b> , 64, 145-158	0.7	27
59	Origin identification of <i>Pinus nigra</i> populations in southwestern Europe using terpene composition variations. <i>Trees - Structure and Function</i> , <b>2005</b> , 19, 531-538	2.6	24
58	Seasonal dynamics of allelopathically significant phenolic compounds in globally successful invader <i>Conyza canadensis</i> L. plants and associated sandy soil. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , <b>2012</b> , 207, 812-820	1.9	21
57	Pedological properties and ecological implications of substrates derived 3 and 11 years after the revegetation of lignite fly ash disposal sites in Serbia. <i>Catena</i> , <b>2018</b> , 163, 78-88	5.8	20
56	Phenolic acids distribution in a peat of the relict community with Serbian spruce in the Tara Mt. forest reserve (Serbia). <i>European Journal of Soil Biology</i> , <b>2003</b> , 39, 97-103	2.9	20
55	Pollution indices and sources appointment of heavy metal pollution of agricultural soils near the thermal power plant. <i>Environmental Geochemistry and Health</i> , <b>2019</b> , 41, 2265-2279	4.7	19
54	Spatio-temporal analysis of land use/land cover change and its effects on soil erosion (Case study in the Oplenac wine-producing area, Serbia). <i>Environmental Monitoring and Assessment</i> , <b>2018</b> , 190, 675	3.1	17
53	Fractionation, Mobility, and Contamination Assessment of Potentially Toxic Metals in Urban Soils in Four Industrial Serbian Cities. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2018</b> , 75, 335-350 <sup>3.2</sup>		16
52	The Soils of Serbia. <i>World Soils Book Series</i> , <b>2017</b> ,	0.7	14
51	Potentially toxic elements in the riparian soils of the Sava River. <i>Journal of Soils and Sediments</i> , <b>2018</b> , 18, 3404-3414	3.4	14
50	Phytoremediation Potential, Photosynthetic and Antioxidant Response to Arsenic-Induced Stress of L. Sown on Fly Ash Deposits. <i>Plants</i> , <b>2020</b> , 9,	4.5	13
49	Seasonal variations of trace element contents in leaves and bark of horse chestnut ( <i>Aesculus hippocastanum</i> L.) in urban and industrial regions in Serbia. <i>Archives of Biological Sciences</i> , <b>2017</b> , 69, 201-214 <sup>0.7</sup>		13
48	Plant resources used in Serbian medieval medicine. Ethnobotany and Ethnomedicine. <i>Genetic Resources and Crop Evolution</i> , <b>2014</b> , 61, 1359-1379	2	12
47	Effects of changes in climate and land use on soil erosion: a case study of the Vranjska Valley, Serbia. <i>Regional Environmental Change</i> , <b>2019</b> , 19, 1035-1046	4.3	12
46	Contamination, risk, and source apportionment of potentially toxic microelements in river sediments and soil after extreme flooding in the Kolubara River catchment in Western Serbia. <i>Journal of Soils and Sediments</i> , <b>2018</b> , 18, 1981-1993	3.4	11
45	Major drivers of land degradation risk in Western Serbia: Current trends and future scenarios. <i>Ecological Indicators</i> , <b>2021</b> , 123, 107377	5.8	11
44	Dynamics of bioavailable rhizosphere soil phenolics and photosynthesis of <i>Arum maculatum</i> L. in a lime-beech forest. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , <b>2008</b> , 203, 590-601	1.9	10

43	Ecorestoration of Fly Ash Deposits by Native Plant Species at Thermal Power Stations in Serbia <b>2019</b> , 113-177		9
42	Evaluation of <i>Salix alba</i> , <i>Juglans regia</i> and <i>Populus nigra</i> as biomonitors of PTEs in the riparian soils of the Sava River. <i>Environmental Monitoring and Assessment</i> , <b>2020</b> , 192, 131	3.1	8
41	Sources and a Health Risk Assessment of Potentially Toxic Elements in Dust at Children's Playgrounds with Artificial Surfaces: A Case Study in Belgrade. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2020</b> , 78, 190-205	3.2	8
40	Allelopathic potential of selected woody species growing on fly-ash deposits. <i>Archives of Biological Sciences</i> , <b>2019</b> , 71, 83-94	0.7	8
39	Evaluation of urban contamination with trace elements in city parks in Serbia using pine ( <i>Pinus nigra</i> Arnold) needles, bark and urban topsoil. <i>International Journal of Environmental Research</i> , <b>2017</b> , 11, 625-639	2.9	7
38	The melliferous potential of forest and meadow plant communities on Mount Tara (Serbia). <i>Environmental Entomology</i> , <b>2013</b> , 42, 724-32	2.1	5
37	Analysis of benzoic and cinnamic acid derivatives of some medicinal plants in Serbia. <i>Archives of Biological Sciences</i> , <b>2013</b> , 65, 603-609	0.7	5
36	Possibilities of assessing trace metal pollution using <i>Betula pendula</i> Roth. leaf and bark - experience in Serbia. <i>Journal of the Serbian Chemical Society</i> , <b>2017</b> , 82, 723-737	0.9	5
35	Complex effect of <i>Robinia pseudoacacia</i> L. and <i>Ailanthus altissima</i> (Mill.) Swingle growing on asbestos deposits: Allelopathy and biogeochemistry. <i>Journal of the Serbian Chemical Society</i> , <b>2020</b> , 85, 141-153	0.9	5
34	Fractionation of Potentially Toxic Elements (PTEs) in Urban Soils from Salzburg, Thessaloniki and Belgrade: An Insight into Source Identification and Human Health Risk Assessment. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	5
33	Aquatic and Wetland Vegetation Along the Sava River. <i>Handbook of Environmental Chemistry</i> , <b>2015</b> , 249-386		4
32	Floristic and phytocoenological research of segetal plant communities in cultivated areas of southern Srem. <i>Archives of Biological Sciences</i> , <b>2015</b> , 67, 591-609	0.7	4
31	The potential of elm trees ( <i>Ulmus glabra</i> Huds.) for the phytostabilisation of potentially toxic elements in the riparian zone of the Sava River. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 4309-4324	5.1	4
30	Feasibility of <i>Festuca rubra</i> L. native grass in phytoremediation <b>2020</b> , 115-164		3
29	The effects of forty years of spruce cultivation in a zone of beech forest on mt. Maljen (Serbia). <i>Archives of Biological Sciences</i> , <b>2012</b> , 64, 1181-1195	0.7	3
28	Contribution to the knowledge of the allochthonous flora in the lower course of the Sava river. <i>Acta Herbológica</i> , <b>2016</b> , 25, 57-70	0.3	3
27	The effects of Douglas fir monoculture on stand characteristics in a zone of Montane beech forest. <i>Archives of Biological Sciences</i> , <b>2016</b> , 68, 753-766	0.7	2
26	Presence of radionuclides and toxic elements in feedstuffs and food of animal origin. <i>Veterinarski Glasnik</i> , <b>2019</b> , 73, 30-39	0.8	2

25	Allochthonous plant species in the flora and vegetation of Crni Lug (Southwest Srem). <i>Acta Herbologica</i> , <b>2019</b> , 28, 31-58	0.3	2
24	Ethnobotanical Features of Teucrium Species <b>2020</b> , 111-142		2
23	An Ethnobotanical and Ethnomedicinal Study on the Use of Wild Medicinal Plants in Rural Areas of Serbia <b>2014</b> , 87-112		2
22	Non-trophic Interactions: Allelopathy. <i>Biodiversity Community and Ecosystems</i> , <b>2014</b> , 139-162		2
21	Response to Letter to the Editor by T. Matys Grygar, 2015 Assessment of the contamination of riparian soil and vegetation by trace metals - A Danube River case study. <i>Science of the Total Environment</i> , <b>2016</b> , 569-570, 1606-1607	10.2	2
20	Chemical Fractionation, Environmental, and Human Health Risk Assessment of Potentially Toxic Elements in Soil of Industrialised Urban Areas in Serbia. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	2
19	Vegetation in Ravine Habitats of Montenegro. <i>Handbook of Environmental Chemistry</i> , <b>2020</b> , 201-229	0.8	1
18	The effects of leaf litter chemistry and anatomical traits on the litter decomposition rate of <i>Quercus frainetto</i> Ten. and <i>Quercus cerris</i> L. in situ. <i>Archives of Biological Sciences</i> , <b>2020</b> , 72, 543-553	0.7	1
17	Contribution to knowledge of the vascular flora of the Resava Gorge, Eastern Serbia. <i>Archives of Biological Sciences</i> , <b>2007</b> , 59, 75-80	0.7	1
16	Radionuclides and heavy metals in soil, vegetables and medicinal plants in suburban areas of the cities of Belgrade and Pancevo, Serbia. <i>Nuclear Technology and Radiation Protection</i> , <b>2019</b> , 34, 278-284	0.7	1
15	Diversity of <i>Ostrya carpinifolia</i> Forests in Ravine Habitats of Serbia (S-E Europe). <i>Diversity</i> , <b>2021</b> , 13, 59	2.5	1
14	Phytobial remediation by bacteria and fungi <b>2022</b> , 285-344		1
13	Impact of Weathering and Revegetation on Pedological Characteristics and Pollutant Dispersion Control at Coal Fly Ash Disposal Sites. <i>Innovations in Landscape Research</i> , <b>2022</b> , 473-505	0.5	0
12	Soils as Natural Resources. <i>World Soils Book Series</i> , <b>2017</b> , 25-29	0.7	0
11	Allochthonous plant species in the vegetation of the Great War Island. <i>Acta Herbologica</i> , <b>2020</b> , 29, 111-155		
10	The Potential Impact of Climate Change and Land Use on Future Soil Erosion, Based on the Example of Southeast Serbia. <i>Innovations in Landscape Research</i> , <b>2022</b> , 207-228	0.5	
9	Douglas fir impact on the dynamics and composition of humus in the soil of indigenous beech forest in western Serbia. <i>Zbornik Matice Srpske Za Prirodne Nauke</i> , <b>2020</b> , 83-95	0.3	
8	Land Use. <i>World Soils Book Series</i> , <b>2017</b> , 181-189	0.7	

7	Order of Hydromorphic Soils. <i>World Soils Book Series</i> , <b>2017</b> , 157-173	0.7
6	Soil Classification. <i>World Soils Book Series</i> , <b>2017</b> , 87-99	0.7
5	Vegetation. <i>World Soils Book Series</i> , <b>2017</b> , 41-54	0.7
4	Order of Automorphic Soils. <i>World Soils Book Series</i> , <b>2017</b> , 101-156	0.7
3	Order of Halomorphic and Subaquatic Soils. <i>World Soils Book Series</i> , <b>2017</b> , 175-180	0.7
2	Response to Comments by T. Matys Grygar (2019) on Evaluation of potentially toxic element contamination in the riparian zone of the River Sava. <i>Catena</i> , <b>2020</b> , 185, 104230	5.8
1	Using Fractionation Profile of Potentially Toxic Elements in Soils to Investigate Their Accumulation in <i>Tilia</i> sp. Leaves in Urban Areas with Different Pollution Levels. <i>Sustainability</i> , <b>2021</b> , 13, 9784	3.6