# Pavle PavloviÄ

List of Publications by Year
in descending order



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|---|---|---|---|
| 80 papers | 2,270 citations | 257450 24 h-index | 223800 46 g-index |

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|---|---|---|---|
| 84 all docs | 84 docs citations | 84 times ranked | 2737 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Trees as bioindicator of heavy metal pollution in three European cities. Environmental Pollution, 2011, 159, 3560-3570. | 7.5 | 280 |
| 2 | An ethnobotanical study on the usage of wild medicinal herbs from Kopaonik Mountain (Central) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7 | 4.1 | 253 |
| 3 | An ethnobotanical survey of traditionally used plants on Suva planina mountain (south-eastern) Tj ETQq1 1 0.784314 rgBT /Overlock 10 | 4.1 | 144 |
| 4 | Ecological Potential of Plants for Phytoremediation and Ecorestoration of Fly Ash Deposits and Mine Wastes. Frontiers in Environmental Science, 2018, 6, . | 3.3 | 111 |
| 5 | Allelopathic potential of Allium ursinum L.. Biochemical Systematics and Ecology, 2004, 32, 533-544. | 1.3 | 107 |
| 6 | Traditional wound-healing plants used in the Balkan region (Southeast Europe). Journal of Ethnopharmacology, 2018, 211, 311-328. | 4.1 | 94 |
| 7 | Review of Ethnobotanical, Phytochemical, and Pharmacological Study ofThymus serpyllumL.. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-10. | 1.2 | 79 |
| 8 | An Ecophysiological Study of Plants Growing on the Fly Ash Deposits from the â€œNikola Teslaâ€“Aâ€• Thermal Power Station in Serbia. Environmental Management, 2004, 33, 654-663. | 2.7 | 72 |
| 9 | Assessment of the phytoremediation potential and an adaptive response of Festuca rubra L. sown on fly ash deposits: Native grass has a pivotal role in ecorestoration management. Ecological Engineering, 2016, 93, 250-261. | 3.6 | 65 |
| 10 | The potential of Festuca rubra and Calamagrostis epigejos for the revegetation of fly ash deposits. Science of the Total Environment, 2008, 407, 338-347. | 8.0 | 62 |
| 11 | Assessment of the contamination of riparian soil and vegetation by trace metals â€” A Danube River case study. Science of the Total Environment, 2016, 540, 396-409. | 8.0 | 58 |
| 12 | Phytotherapy in medieval Serbian medicine according to the pharmacological manuscripts of the Chilandar Medical Codex (15â€“16th centuries). Journal of Ethnopharmacology, 2011, 137, 601-619. | 4.1 | 55 |
| 13 | Evaluation of potentially toxic element contamination in the riparian zone of the River Sava. Catena, 2019, 174, 399-412. | 5.0 | 49 |
| 14 | An assessment of the tolerance of Ligustrum ovalifolium Hassk. to traffic-generated Pb using physiological and biochemical markers. Ecotoxicology and Environmental Safety, 2009, 72, 1090-1101. | 6.0 | 47 |
| 15 | Phenolic Acids as Bioindicators of Fly Ash Deposit Revegetation. Archives of Environmental Contamination and Toxicology, 2006, 50, 488-495. | 4.1 | 39 |
| 16 | An allelopathic investigation of the domination of the introduced invasive Conyza canadensis L.. Flora: Morphology, Distribution, Functional Ecology of Plants, 2011, 206, 921-927. | 1.2 | 37 |
| 17 | The potential of four woody species for the revegetation of fly ash deposits from the â€˜Nikola Tesla-aâ€™ thermoelectric plant (Obrenovac, Serbia). Archives of Biological Sciences, 2012, 64, 145-158. | 0.5 | 37 |
| 18 | Ecological potential of Epilobium dodonaei Vill. for restoration of metalliferous mine wastes. Ecological Engineering, 2016, 95, 800-810. | 3.6 | 36 |

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|---|---|---|---|
| 19 | Spatio-temporal analysis of land use/land cover change and its effects on soil erosion (Case study in) Tj ETQq1 1 0.784314 rgBT /Over | 2.7 | 34 |
| 20 | Ecophysiological and biochemical traits of three herbaceous plants growing on the disposed coal combustion fly ash of different weathering stage. Archives of Biological Sciences, 2013, 65, 1651-1667. | 0.5 | 33 |
| 21 | Pedological properties and ecological implications of substrates derived 3 and 11 years after the revegetation of lignite fly ash disposal sites in Serbia. Catena, 2018, 163, 78-88. | 5.0 | 32 |
| 22 | Seasonal dynamics of allelopathically significant phenolic compounds in globally successful invader Conyza canadensis L. plants and associated sandy soil. Flora: Morphology, Distribution, Functional Ecology of Plants, 2012, 207, 812-820. | 1.2 | 30 |
| 23 | Pollution indices and sources appointment of heavy metal pollution of agricultural soils near the thermal power plant. Environmental Geochemistry and Health, 2019, 41, 2265-2279. | 3.4 | 29 |
| 24 | Fractionation, Mobility, and Contamination Assessment of Potentially Toxic Metals in Urban Soils in Four Industrial Serbian Cities. Archives of Environmental Contamination and Toxicology, 2018, 75, 335-350. | 4.1 | 28 |
| 25 | Origin identification of Pinus nigra populations in southwestern Europe using terpene composition variations. Trees - Structure and Function, 2005, 19, 531-538. | 1.9 | 26 |
| 26 | Major drivers of land degradation risk in Western Serbia: Current trends and future scenarios. Ecological Indicators, 2021, 123, 107377. | 6.3 | 26 |
| 27 | Phytoremediation Potential, Photosynthetic and Antioxidant Response to Arsenic-Induced Stress of Dactylis glomerata L. Sown on Fly Ash Deposits. Plants, 2020, 9, 657. | 3.5 | 25 |
| 28 | Plant resources used in Serbian medieval medicine. Ethnobotany and Ethnomedicine. Genetic Resources and Crop Evolution, 2014, 61, 1359-1379. | 1.6 | 24 |
| 29 | The Soils of Serbia. World Soils Book Series, 2017, , . | 0.2 | 23 |
| 30 | Phenolic acids distribution in a peat of the relict community with Serbian spruce in the Tara Mt. forest reserve (Serbia). European Journal of Soil Biology, 2003, 39, 97-103. | 3.2 | 21 |
| 31 | Potentially toxic elements in the riparian soils of the Sava River. Journal of Soils and Sediments, 2018, 18, 3404-3414. | 3.0 | 20 |
| 32 | 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. Journal of Soils and Sediments, 2018, 18, 1981-1993. | 3.0 | 19 |
| 33 | Effects of changes in climate and land use on soil erosion: a case study of the Vranjska Valley, Serbia. Regional Environmental Change, 2019, 19, 1035-1046. | 2.9 | 17 |
| 34 | Seasonal variations of trace element contents in leaves and bark of horse chestnut (Aesculus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 201-214. | 0.5 | 16 |
| 35 | Sources and a Health Risk Assessment of Potentially Toxic Elements in Dust at Childrenâ€™s Playgrounds with Artificial Surfaces: A Case Study in Belgrade. Archives of Environmental Contamination and Toxicology, 2020, 78, 190-205. | 4.1 | 15 |
| 36 | Fractionation of Potentially Toxic Elements (PTEs) in Urban Soils from Salzburg, Thessaloniki and Belgrade: An Insight into Source Identification and Human Health Risk Assessment. International Journal of Environmental Research and Public Health, 2021, 18, 6014. | 2.6 | 14 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Evaluation of urban contamination with trace elements in city parks in Serbia using pine (Pinus nigra) Tj ETQq1 1 0.784314 rgBT /Ove 625-639. | 2.3 | 13 |
| 38 | Dynamics of bioavailable rhizosphere soil phenolics and photosynthesis of Arum maculatum L. in a lime-beech forest. Flora: Morphology, Distribution, Functional Ecology of Plants, 2008, 203, 590-601. | 1.2 | 12 |
| 39 | Evaluation of Salix alba, Juglans regia and Populus nigra as biomonitors of PTEs in the riparian soils of the Sava River. Environmental Monitoring and Assessment, 2020, 192, 131. | 2.7 | 12 |
| 40 | An Ethnobotanical and Ethnomedicinal Study on the Use of Wild Medicinal Plants in Rural Areas of Serbia. , 2014, , 87-112. | | 12 |
| 41 | Ecorestoration of Fly Ash Deposits by Native Plant Species at Thermal Power Stations in Serbia. , 2019, , 113-177. | | 11 |
| 42 | Feasibility of Festuca rubra L. native grass in phytoremediation. , 2020, , 115-164. | | 11 |
| 43 | Chemical Fractionation, Environmental, and Human Health Risk Assessment of Potentially Toxic Elements in Soil of Industrialised Urban Areas in Serbia. International Journal of Environmental Research and Public Health, 2021, 18, 9412. | 2.6 | 11 |
| 44 | Possibilities of assessing trace metal pollution using Betula pendula Roth. leaf and bark - experience in Serbia. Journal of the Serbian Chemical Society, 2017, 82, 723-737. | 0.8 | 11 |
| 45 | The Melliferous Potential of Forest and Meadow Plant Communities on Mount Tara (Serbia). Environmental Entomology, 2013, 42, 724-732. | 1.4 | 10 |
| 46 | Aquatic and Wetland Vegetation Along the Sava River. Handbook of Environmental Chemistry, 2015, , 249-316. | 0.4 | 10 |
| 47 | Allelopathic potential of selected woody species growing on fly-ash deposits. Archives of Biological Sciences, 2019, 71, 83-94. | 0.5 | 10 |
| 48 | The potential of elm trees (Ulmus glabra Huds.) for the phytostabilisation of potentially toxic elements in the riparian zone of the Sava River. Environmental Science and Pollution Research, 2020, 27, 4309-4324. | 5.3 | 9 |
| 49 | Complex effect of Robinia pseudoacacia L. and Ailanthus altissima (Mill.) Swingle growing on asbestos deposits: Allelopathy and biogeochemistry. Journal of the Serbian Chemical Society, 2020, 85, 141-153. | 0.8 | 8 |
| 50 | Analysis of benzoic and cinnamic acid derivatives of some medicinal plants in Serbia. Archives of Biological Sciences, 2013, 65, 603-609. | 0.5 | 7 |
| 51 | The effects of forty years of spruce cultivation in a zone of beech forest on mt. Maljen (Serbia). Archives of Biological Sciences, 2012, 64, 1181-1195. | 0.5 | 5 |
| 52 | Floristic and phytocoenological research of segetal plant communities in cultivated areas of southern Srem. Archives of Biological Sciences, 2015, 67, 591-609. | 0.5 | 5 |
| 53 | The effects of Douglas fir monoculture on stand characteristics in a zone of Montane beech forest. Archives of Biological Sciences, 2016, 68, 753-766. | 0.5 | 5 |
| 54 | Presence of radionuclides and toxic elements in feedstuffs and food of animal origin. Veterinarski Glasnik, 2019, 73, 30-39. | 0.3 | 5 |

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|---|---|---|---|
| 55 | An Assessment of the Phytoremediation Potential of Planted and Spontaneously Colonized Woody Plant Species on Chronosequence Fly Ash Disposal Sites in Serbiaâ€"Case Study. Plants, 2022, 11, 110. | 3.5 | 5 |
| 56 | Diversity of Ostrya carpinifolia Forests in Ravine Habitats of Serbia (S-E Europe). Diversity, 2021, 13, 59. | 1.7 | 4 |
| 57 | Using Fractionation Profile of Potentially Toxic Elements in Soils to Investigate Their Accumulation in Tilia sp. Leaves in Urban Areas with Different Pollution Levels. Sustainability, 2021, 13, 9784. | 3.2 | 4 |
| 58 | Radionuclides and heavy metals in soil, vegetables and medicinal plants in suburban areas of the cities of Belgrade and Pancevo, Serbia. Nuclear Technology and Radiation Protection, 2019, 34, 278-284. | 0.8 | 4 |
| 59 | Ethnobotanical Features of Teucrium Species. , 2020, , 111-142. | | 4 |
| 60 | Phytobial remediation by bacteria and fungi. , 2022, , 285-344. | | 3 |
| 61 | Contribution to the knowledge of the allochthonous flora in the lower course of the Sava river. Acta Herbologica, 2016, 25, 57-70. | 0.4 | 3 |
| 62 | Allochthonous plant species in the flora and vegetation of Crni Lug (Southwest Srem). Acta Herbologica, 2019, 28, 31-58. | 0.4 | 3 |
| 63 | Response to Letter to the Editor by T. Matys Grygar, 2015 Assessment of the contamination of riparian soil and vegetation by trace metals â€" A Danube River case study. Science of the Total Environment, 2016, 569-570, 1606-1607. | 8.0 | 2 |
| 64 | Vegetation in Ravine Habitats of Montenegro. Handbook of Environmental Chemistry, 2020, , 201-229. | 0.4 | 2 |
| 65 | Non-trophic Interactions: Allelopathy. Biodiversity Community and Ecosystems, 2014, , 139-162. | 0.2 | 2 |
| 66 | The effects of leaf litter chemistry and anatomical traits on the litter decomposition rate of Quercus frainetto Ten. and Quercus cerris L. in situ. Archives of Biological Sciences, 2020, 72, 543-553. | 0.5 | 2 |
| 67 | Impact of Weathering and Revegetation on Pedological Characteristics and Pollutant Dispersion Control at Coal Fly Ash Disposal Sites. Innovations in Landscape Research, 2022, , 473-505. | 0.4 | 2 |
| 68 | The Phytoremediation Potential and Physiological Adaptive Response of Tamarix tetrandra Pall. Ex M. Bieb. during the Restoration of Chronosequence Fly Ash Deposits. Plants, 2022, 11, 855. | 3.5 | 2 |
| 69 | Contribution to knowledge of the vascular flora of the Resava Gorge, Eastern Serbia. Archives of Biological Sciences, 2007, 59, 75-80. | 0.5 | 1 |
| 70 | Soils as Natural Resources. World Soils Book Series, 2017, , 25-29. | 0.2 | 1 |
| 71 | Allochthonous plant species in the vegetation of the Great War Island. Acta Herbologica, 2020, 29, 111-155. | 0.4 | 1 |
| 72 | Response to Comments by T. Matys Grygar (2019) on â€œEvaluation of potentially toxic element contamination in the riparian zone of the River Savaâ€• Catena, 2020, 185, 104230. | 5.0 | 0 |

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|---|---|---|---|
| 73 | Land Use. World Soils Book Series, 2017, , 181-189. | 0.2 | 0 |
| 74 | Order of Hydromorphic Soils. World Soils Book Series, 2017, , 157-173. | 0.2 | 0 |
| 75 | Soil Classification. World Soils Book Series, 2017, , 87-99. | 0.2 | 0 |
| 76 | Vegetation. World Soils Book Series, 2017, , 41-54. | 0.2 | 0 |
| 77 | Order of Automorphic Soils. World Soils Book Series, 2017, , 101-156. | 0.2 | 0 |
| 78 | Order of Halomorphic and Subaquatic Soils. World Soils Book Series, 2017, , 175-180. | 0.2 | 0 |
| 79 | Douglas fir impact on the dynamics and composition of humus in the soil of indigenous beech forest in western Serbia. Zbornik Matice Srpske Za Prirodne Nauke, 2020, , 83-95. | 0.1 | 0 |
| 80 | The Potential Impact of Climate Change and Land Use on Future Soil Erosion, Based on the Example of Southeast Serbia. Innovations in Landscape Research, 2022, , 207-228. | 0.4 | 0 |