# Piotr K GoliÅ„ski

List of Publications by Year
in descending order



| 90 | 1,920 | 304701 | 315719 |
|---|---|---|---|
| papers | citations | 22 h-index | 38 g-index |

| 93 | 93 | 93 | 2381 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The Influence of Calcium Sulfate and Different Doses of Potassium on the Soil Enzyme Activity and the Yield of the Sward with a Mixture of Alfalfa and Grasses. Agriculture (Switzerland), 2022, 12, 475. | 3.1 | 7 |
| 2 | Arsenic uptake, speciation and physiological response of tree species (Acer pseudoplatanus, Betula) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 8.2 | 16 |
| 3 | Toxicological risks and nutritional value of wild edible mushroom species -a half-century monitoring study. Chemosphere, 2021, 263, 128095. | 8.2 | 28 |
| 4 | The influence of environmental condition on the creation of organic compounds in Pinus sylvestris L. rhizosphere, roots and needles. Trees - Structure and Function, 2021, 35, 441-457. | 1.9 | 4 |
| 5 | The interactions between habitat, sex, biomass and leaf traits of different willow (Salix) genotypes. International Journal of Environmental Research, 2021, 15, 395-412. | 2.3 | 4 |
| 6 | Chemical and Structural Characterization of Maize Stover Fractions in Aspect of Its Possible Applications. Materials, 2021, 14, 1527. | 2.9 | 17 |
| 7 | Multiannual monitoring (1974â€“2019) of rare earth elements in wild growing edible mushroom species in Polish forests. Chemosphere, 2020, 257, 127173. | 8.2 | 11 |
| 8 | Profile and concentration of the low molecular weight organic acids and phenolic compounds created by two-year-old Acer platanoides seedlings growing under different As forms. Journal of Hazardous Materials, 2020, 392, 122280. | 12.4 | 11 |
| 9 | Enzymatic hydrolysis of cellulose using extracts from insects. Carbohydrate Research, 2019, 485, 107811. | 2.3 | 11 |
| 10 | Differences of Acer platanoides L. and Tilia cordata Mill. Response patterns/survival strategies during cultivation in extremely polluted mining sludge â€“ A pot trial. Chemosphere, 2019, 229, 589-601. | 8.2 | 13 |
| 11 | Phytoextraction of arsenic forms in selected tree species growing in As-polluted mining sludge. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2019, 54, 933-942. | 1.7 | 8 |
| 12 | Arsenate phytoextraction abilities of one-year-old tree species and its effects on the nutritional element content in plant organs. International Journal of Phytoremediation, 2019, 21, 1019-1031. | 3.1 | 6 |
| 13 | Alterations of root architecture and cell wall modifications in Tilia cordata Miller (Linden) growing on mining sludge. Environmental Pollution, 2019, 248, 247-259. | 7.5 | 20 |
| 14 | Organic acid profile and phenolic and sugar content inSalix purpureaâ€‰Ã—â€‰viminalisL.Âcultivated with different spent mushroom substrate and copper additions. Chemistry and Ecology, 2019, 35, 191-203. | 1.6 | 1 |
| 15 | Differentiation in low molecular weight organic acids exudation into rhizosphere and their creation in Ulmus laevis Pall organs treated by As â€“ pot experiment. Chemistry and Ecology, 2019, 35, 36-53. | 1.6 | 5 |
| 16 | Arsenic content in two-year-old Acer platanoides L. and Tilia cordata Miller seedlings growing under dimethylarsinic acid exposureâ€“model experiment. Environmental Science and Pollution Research, 2019, 26, 6877-6889. | 5.3 | 10 |
| 17 | The efficiency of lactic acid bacteria against pathogenic fungi and mycotoxins. Arhiv Za Higijenu Rada I Toksikologiju, 2018, 69, 32-45. | 0.7 | 50 |
| 18 | Arsenic forms and their combinations induce differences in phenolic accumulation in Ulmus laevis Pall. Journal of Plant Physiology, 2018, 220, 34-42. | 3.5 | 25 |

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|---|---|---|---|
| 19 | Dendroremediation: The Role of Trees in Phytoextraction of Trace Elements. , 2018, , 267-295. | | 6 |
| 20 | The importance of substrate compaction and chemical composition in the phytoextraction of elements by Pinus sylvestris L.. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2018, 53, 1029-1038. | 1.7 | 6 |
| 21 | Mycotoxin levels in the digestive tissues of immature gilts exposed to zearalenone and deoxynivalenol. Toxicon, 2018, 153, 1-11. | 1.6 | 16 |
| 22 | Arsenic forms in phytoextraction of this metalloid in organs of 2-year-old Acer platanoides seedlings. Environmental Science and Pollution Research, 2018, 25, 27260-27273. | 5.3 | 16 |
| 23 | Relationship between climate trends and grassland yield across contrasting European locations. Open Life Sciences, 2018, 13, 589-598. | 1.4 | 7 |
| 24 | Phenolic compounds in leaves ofSalixspecies and hybrids growing under different soil conditions. Chemistry and Ecology, 2017, 33, 196-212. | 1.6 | 21 |
| 25 | Major shifts in speciesâ€™ relative abundance in grassland mixtures alongside positive effects of species diversity in yield: a continentalâ€scale experiment. Journal of Ecology, 2017, 105, 1210-1222. | 4.0 | 43 |
| 26 | Arsenite phytoextraction and its influence on selected nutritional elements in one-year-old tree species. Microchemical Journal, 2017, 133, 530-538. | 4.5 | 9 |
| 27 | Copper and nickel co-treatment alters metal uptake and stress parameters of Salix purpurea Ã— viminalis. Journal of Plant Physiology, 2017, 216, 125-134. | 3.5 | 26 |
| 28 | The effect of fertiliser treatments on the severity of Fusarium head blight and mycotoxin biosynthesis in winter rye. Arhiv Za Higijenu Rada I Toksikologiju, 2017, 68, 16-26. | 0.7 | 5 |
| 29 | The influence of As forms in substrate on the phytoextraction of this metalloid in Ulmus laevis Pall organs â€“ Pot experiment. Microchemical Journal, 2017, 132, 333-340. | 4.5 | 20 |
| 30 | Phytoextraction of potentially toxic elements by six tree species growing on hazardous mining sludge. Environmental Science and Pollution Research, 2017, 24, 22183-22195. | 5.3 | 39 |
| 31 | Biological diversity of Salix taxa in Cu, Pb and Zn phytoextraction from soil. International Journal of Phytoremediation, 2017, 19, 121-132. | 3.1 | 19 |
| 32 | Degradation of Zearalenone by Essential Oils under In vitro Conditions. Frontiers in Microbiology, 2016, 7, 1224. | 3.5 | 31 |
| 33 | Participation of Phytohormones in Adaptation to Salt Stress. , 2016, , 75-115. | | 4 |
| 34 | The role of selected tree species in industrial sewage sludge/flotation tailing management. International Journal of Phytoremediation, 2016, 18, 1086-1095. | 3.1 | 19 |
| 35 | Characteristics of Thermophysical Parameters of SelectedSalixTaxa with Elemental Analysis. International Journal of Green Energy, 2015, 12, 1272-1279. | 3.8 | 4 |
| 36 | The role of wastewater treatment in reducing pollution of surface waters with zearalenone / Uloga proÄiÅ¡Ä‡avanja otpadnih voda u smanjenju oneÄiÅ¡Ä‡enja povrÅ¡inskih voda zearalenonom. Arhiv Za Higijenu Rada I Toksikologiju, 2015, 66, 159-164. | 0.7 | 9 |

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| 37 | Photosynthetic activity in relation to chlorophylls, carbohydrates, phenolics and growth of a hybrid Salix purpureaÂÃ—ÂtriandraÂÃ—Âviminalis 2 at various Zn concentrations. Acta Physiologiae Plantarum, 2015, 37, 1. | 2.1 | 25 |
| 38 | Zearalenone in the Intestinal Tissues of Immature Gilts Exposed per os to Mycotoxins. Toxins, 2015, 7, 3210-3223. | 3.4 | 35 |
| 39 | Efficiency of Zn phytoextraction, biomass yield and formation of low-molecular-weight organic acids inSâ€‰Â—â€‰rubensâ€“ a hydroponic experiment. Chemistry and Ecology, 2015, 31, 345-364. | 1.6 | 19 |
| 40 | Phytoremediation of Copper-Contaminated Soil. , 2015, , 143-170. | | 8 |
| 41 | Bioaccumulation of elements in three selected mushroom species from southwest Poland. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2015, 50, 207-216. | 1.5 | 26 |
| 42 | Applicability of full inversion tillage to semi-natural grassland restoration on ex-arable land. Archives of Agronomy and Soil Science, 2015, 61, 785-795. | 2.6 | 6 |
| 43 | Phytoremediation and Environmental Factors. , 2015, , 45-55. | | 8 |
| 44 | Occurrence of fungal metabolites â€" fumonisins at the ng/L level in aqueous environmental samples. Science of the Total Environment, 2015, 524-525, 394-399. | 8.0 | 13 |
| 45 | Content of selected elements inBoletus badiusfruiting bodies growing in extremely polluted wastes. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2015, 50, 767-775. | 1.7 | 33 |
| 46 | Impact of fat and selected profiles of fatty acids contained in the colostrum and milk of sows of native breeds on piglet rearing. Animal Science Journal, 2015, 86, 83-91. | 1.4 | 10 |
| 47 | Differences in Cu content in selected mushroom species growing in the same unpolluted areas in Poland. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2015, 50, 659-66. | 1.5 | 9 |
| 48 | Deoxynivalenol and Oxidative Stress Indicators in Winter Wheat Inoculated with Fusarium graminearum. Toxins, 2014, 6, 575-591. | 3.4 | 31 |
| 49 | Deoxynivalenol in the Gastrointestinal Tract of Immature Gilts under per os Toxin Application. Toxins, 2014, 6, 973-987. | 3.4 | 36 |
| 50 | Copper phytoextraction with Salix purpureaÂÃ—Âviminalis under various Ca/Mg ratios. Part 2. Effect on organic acid, phenolics and salicylic acid contents. Acta Physiologiae Plantarum, 2014, 36, 903-913. | 2.1 | 18 |
| 51 | Major Phytohormones Under Abiotic Stress. , 2014, , 87-135. | | 3 |
| 52 | Role of Glutathione in Abiotic Stress Tolerance. , 2014, , 149-181. | | 9 |
| 53 | Nonenzymatic Antioxidants in Plants. , 2014, , 201-234. | | 19 |
| 54 | Influence of Ca/Mg ratio and Cd2+ and Pb2+ elements on low molecular weight organic acid secretion by Salix viminalis L. roots into the rhizosphere. Trees - Structure and Function, 2013, 27, 663-673. | 1.9 | 14 |

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|---|---|---|---|
| 55 | Plant-pathogen interactions during infection process of asparagus with Fusarium spp.. Open Life Sciences, 2013, 8, 1065-1076. | 1.4 | 7 |
| 56 | Natural occurrence of fumonisins and ochratoxin A in some herbs and spices commercialized in Poland analyzed by UPLCâ€“MS/MS method. Food Microbiology, 2013, 36, 426-431. | 4.2 | 44 |
| 57 | Copper phytoextraction with willow (Salix viminalis L.) under various Ca/Mg ratios. Part 1. Copper accumulation and plant morphology changes. Acta Physiologiae Plantarum, 2013, 35, 3251-3259. | 2.1 | 14 |
| 58 | Ecosystem function enhanced by combining four functional types of plant species in intensively managed grassland mixtures: a 3â€year continentalâ€scale field experiment. Journal of Applied Ecology, 2013, 50, 365-375. | 4.0 | 247 |
| 59 | ABA: Role in Plant Signaling Under Salt Stress. , 2013, , 175-196. | | 13 |
| 60 | Phenolic Content Changes in Plants Under Salt Stress. , 2013, , 283-314. | | 48 |
| 61 | Accumulation of elements by edible mushroom species: Part I. Problem of trace element toxicity in mushrooms. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2013, 48, 69-81. | 1.5 | 42 |
| 62 | Accumulation of elements by edible mushroom species II. A comparison of aluminium, barium and nutritional element contents. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2013, 48, 308-317. | 1.5 | 12 |
| 63 | Fusariotoxins in asparagus â€“ their biosynthesis and migration. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2013, 30, 1332-1338. | 2.3 | 14 |
| 64 | Concentration of selected trace elements in Xerocomus badius mushroom bodies - a health risk for humans?. Acta Scientiarum Polonorum, Technologia Alimentaria, 2013, 12, 331-43. | 0.3 | 3 |
| 65 | Zearalenone Contamination of the Aquatic Environment as a Result of its Presence in Crops / Pojava Mikotoksina U Vodenom OkoliÅ¡u Zbog Njihove Prisutnosti U Usjevima. Arhiv Za Higijenu Rada I Toksikologiju, 2012, 63, 429-435. | 0.7 | 23 |
| 66 | Physiological and morphological changes inSalix viminalisL. as a result of plant exposure to copper. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2012, 47, 548-557. | 1.7 | 21 |
| 67 | Occurrence of fumonisins in food â€“ An interdisciplinary approach to the problem. Food Control, 2012, 26, 491-499. | 5.5 | 72 |
| 68 | Influence of Ca/Mg Ratio on Phytoextraction Properties ofSalix ViminalisI. The Effectiveness of Cd, Cu, Pb, and Zn Bioaccumulation and Plant Growth. International Journal of Phytoremediation, 2012, 14, 75-88. | 3.1 | 14 |
| 69 | Oxidative Stress and Phytoremediation. , 2012, , 425-449. | | 9 |
| 70 | Genetic variation of Fusarium oxysporum isolates forming fumonisin B1 and moniliformin. Journal of Applied Genetics, 2012, 53, 237-247. | 1.9 | 41 |
| 71 | Changes in Salix viminalis L. cv. â€˜Cannabinaâ€™ morphology and physiology in response to nickel ions â€“ Hydroponic investigations. Journal of Hazardous Materials, 2012, 217-218, 429-438. | 12.4 | 49 |
| 72 | Free Radicals, Salicylic Acid and Mycotoxins in Asparagus After Inoculation with Fusarium proliferatum and F. oxysporum. Applied Magnetic Resonance, 2011, 41, 19-30. | 1.2 | 11 |

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| 73 | Cadmium and Lead Accumulation in Two Littoral Plants of Five Lakes in Poznan, Poland. Acta Biologica Cracoviensia Series Botanica, 2010, 52, . | 0.5 | 3 |
| 74 | Biomass productivity and phytoremediation potential of Salix alba and Salix viminalis. Biomass and Bioenergy, 2010, 34, 1410-1418. | 5.7 | 108 |
| 75 | Heavy metal contamination of waters in reservoirs in an urban agglomeration. Oceanological and Hydrobiological Studies, 2010, 39, 113-120. | 0.7 | 0 |
| 76 | Hydroponic estimation of heavy metal accumulation by different genotypes ofSalix. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2010, 45, 569-578. | 1.7 | 18 |
| 77 | Hydroponical estimation of interactions among selected heavy metals accumulated bySalix viminalisin phytoremediation process. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2010, 45, 1353-1362. | 1.7 | 3 |
| 78 | Effect of different soil conditions on selected heavy metal accumulation bySalix viminalistissues. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2009, 44, 1609-1616. | 1.7 | 21 |
| 79 | Accumulation of selected heavy metals by different genotypes of Salix. Environmental and Experimental Botany, 2009, 66, 289-296. | 4.2 | 35 |
| 80 | Occurrence of estrogenic mycotoxin â€“ Zearalenone in aqueous environmental samples with various NOM content. Water Research, 2009, 43, 1051-1059. | 11.3 | 82 |
| 81 | Mycotoxins Biosynthesis by Fusarium Oxysporum and F. Proliferatum Isolates of Asparagus Origin. Journal of Plant Protection Research, 2009, 49, . | 1.0 | 7 |
| 82 | Zearalenone and its Derivatives: Known Toxins in New Aspects. , 2009, , 113-129. | | 3 |
| 83 | Correlations Between Asparagus Crop and the Year of Cropping, Day of Harvest, Sugar Contents in Storage Roots and Spears and Air Temperature. Journal of Fruit and Ornamental Plant Research, 2008, 68, 93-100. | 0.4 | 1 |
| 84 | Chemical Characterization of a Red Pigment (5,8-Dihydroxy-2,7-Dimethoxy-1,4-Naphthalenedione) Produced byArthrographis cuboideain Pink Stained Wood. Holzforschung, 1995, 49, 407-410. | 1.9 | 21 |
| 85 | Cumulation of mycotoxins in maize cobs infected withFusarium gramihearum. Mycotoxin Research, 1991, 7, 115-120. | 2.3 | 10 |
| 86 | A rapid method for extraction of zearalenone and zeraralenols in fermented corn. Mycotoxin Research, 1991, 7, 172-177. | 2.3 | 0 |
| 87 | METABOLITES OF FUSARIUM. , 1989, , 1-39. | | 25 |
| 88 | Toxicity of field samples andFusarium moniliforme from feed associated with equine-leueoencephalomalacia. Archives of Environmental Contamination and Toxicology, 1989, 18, 439-442. | 4.1 | 14 |
| 89 | Formation of Avenacein Y by Fusarium avenaceum Fries Sacc. isolates from Germany and pathogenicity of the isolates to cereal seedlings. Mycotoxin Research, 1987, 3, 46-48. | 2.3 | 4 |
| 90 | Formation of Avenacein Y byFusarium avenaceum Fries Sacc. isolates from poland and biological properties of the compound. Mycotoxin Research, 1987, 3, 49-52. | 2.3 | 6 |