

Bartł,omiej Woł

List of Publications by Year in descending order

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33
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The effects of tree species and substrate on carbon sequestration and chemical and biological properties in reforested post-mining soils. <i>Geoderma</i> , 2017, 292, 9-16. | 5.1 | 80 |
| 2 | Survival and growth of alders (<i>Alnus glutinosa</i> (L.) Gaertn. and <i>Alnus incana</i> (L.) Moench) on fly ash technosols at different substrate improvement. <i>Ecological Engineering</i> , 2012, 49, 35-40. | 3.6 | 63 |
| 3 | Tree species and soil substrate effects on soil biota during early soil forming stages at afforested mine sites. <i>Applied Soil Ecology</i> , 2016, 102, 70-79. | 4.3 | 48 |
| 4 | Development of soil chemical and microbial properties in reclaimed and unreclaimed grasslands in heaps after opencast lignite mining. <i>Ecological Engineering</i> , 2018, 123, 103-111. | 3.6 | 40 |
| 5 | Scots pine needles macronutrient (N, P, K, CA, MG, and S) supply at different reclaimed mine soil substrates as an indicator of the stability of developed forest ecosystems. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 7445-7457. | 2.7 | 28 |
| 6 | Preliminary assessment of growth and survival of green alder (<i>Alnus viridis</i>), a potential biological stabilizer on fly ash disposal sites. <i>Journal of Forestry Research</i> , 2015, 26, 131-136. | 3.6 | 27 |
| 7 | Reclamation of a lignite combustion waste disposal site with alders (<i>Alnus</i> sp.): assessment of tree growth and nutrient status within 10 years of the experiment. <i>Environmental Science and Pollution Research</i> , 2018, 25, 17091-17099. | 5.3 | 22 |
| 8 | Simulation of Birch and Pine Litter Influence on Early Stage of Reclaimed Soil Formation Process under Controlled Conditions. <i>Journal of Environmental Quality</i> , 2015, 44, 1091-1098. | 2.0 | 20 |
| 9 | Fine root biomass and the associated C and nutrient pool under the alder (<i>Alnus</i> spp.) plantings on reclaimed technosols. <i>Geoderma</i> , 2019, 337, 1021-1027. | 5.1 | 20 |
| 10 | Carbon sink potential and allocation in above- and below-ground biomass in willow coppice. <i>Journal of Forestry Research</i> , 2021, 32, 349-354. | 3.6 | 18 |
| 11 | The impact of alders (<i>Alnus</i> spp.) on the physico-chemical properties of technosols on a lignite combustion waste disposal site. <i>Ecological Engineering</i> , 2018, 120, 180-186. | 3.6 | 17 |
| 12 | Relationships between respiration, chemical and microbial properties of afforested mine soils with different soil texture and tree species: Does the time of incubation matter. <i>European Journal of Soil Biology</i> , 2017, 80, 102-109. | 3.2 | 15 |
| 13 | Reclaimed mine soil substrates and tree stands vs. successional forest floor vegetation: A case study of developing ecosystems on afforested mine sites. <i>Ecological Engineering</i> , 2018, 120, 504-512. | 3.6 | 13 |
| 14 | Verifying the Utility of Black Locust (<i>Robinia pseudoacacia</i> L.) in the Reclamation of a Lignite Combustion Waste Disposal Site in Central European Conditions. <i>Forests</i> , 2020, 11, 877. | 2.1 | 10 |
| 15 | Chemical and microbial properties of post-mining and post-fire soils afforested with different tree species. <i>Applied Soil Ecology</i> , 2022, 171, 104321. | 4.3 | 9 |
| 16 | Effect of tree species and soil texture on the carbon stock, macronutrient content, and physicochemical properties of regenerated postfire forest soils. <i>Land Degradation and Development</i> , 2021, 32, 5227-5240. | 3.9 | 8 |
| 17 | Influence of tree species on carbon, nitrogen, and phosphorus stocks and stoichiometry under different soil regeneration scenarios on reclaimed and afforested mine and post-fire forest sites. <i>Geoderma</i> , 2022, 415, 115782. | 5.1 | 8 |
| 18 | Colonisation by enchytraeids as a suitable indicator of successful biological reclamation of post-mining technosols using alders. <i>Applied Soil Ecology</i> , 2020, 145, 103300. | 4.3 | 7 |

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|----|--|-----|-----------|
| 19 | Soil Carbon Sequestration in Novel Ecosystems at Post-Mine Sites – A New Insight into the Determination of Key Factors in the Restoration of Terrestrial Ecosystems. <i>Forests</i> , 2022, 13, 63. | 2.1 | 7 |
| 20 | Mercury Concentration in Technosols and Alder Tissue from a Plantation on a Combustion Waste Disposal Site. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1. | 2.4 | 6 |
| 21 | Bioaccumulation of Heavy Metals (Pb, Cd, Cr, Cu) in Fine Roots Under Three Species of Alders (<i>Alnus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TF 5 10366. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1. | 2.4 | 6 |
| 22 | Assessment of english oak (<i>Quercus robur</i> L.) growth in varied soil-substrate conditions of reclaimed Piaseczno sulfur mine dump. <i>Folia Forestalia Polonica, Series A</i> , 2015, 57, 28-32. | 0.3 | 6 |
| 23 | Effect of green alder (<i>Alnus viridis</i>) and black alder (<i>Alnus glutinosa</i>) on chemical and microbial properties of sandy mine soils. <i>Geoderma</i> , 2019, 356, 113924. | 5.1 | 5 |
| 24 | Carbon and Macronutrient Budgets in an Alder Plantation Grown on a Reclaimed Combustion Waste Landfill. <i>Forests</i> , 2020, 11, 430. | 2.1 | 4 |
| 25 | The impact of alder litter on chemistry of Technosols developed from lignite combustion waste and natural sandy substrate: a laboratory experiment. <i>International Journal of Phytoremediation</i> , 2021, 23, 415-425. | 3.1 | 4 |
| 26 | Characteristics of technogenic soils developed from Neogene and Quaternary sediments substrate on reclaimed sulphur and sand extraction mine sites. <i>Soil Science Annual</i> , 2021, 71, 344-351. | 0.8 | 4 |
| 27 | EFFECTS OF ALDERS (<i>ALNUS</i> SP.) USED FOR RECLAMATION OF LIGNITE COMBUSTION WASTES. <i>Journal of the American Society of Mining and Reclamation</i> , 2018, 7, 30-55. | 0.3 | 3 |
| 28 | The Impact of Climate Change on Forest Tree Species Dieback and Changes in Their Distribution. <i>Soil Biology</i> , 2021, , 447-460. | 0.8 | 3 |
| 29 | Soil Organic Carbon Pools and Associated Soil Chemical Properties under Two Pine Species (<i>Pinus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TF 5 10366. | 2.1 | 3 |
| 30 | Biomonitoring of Mercury Contamination in Poland Based on Its Concentration in Scots Pine (<i>Pinus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 TF 5 10366. | 2.6 | 1 |
| 31 | Assessment of tree vitality, biomass and morphology of Scots pine (<i>Pinus sylvestris</i> L.) root systems growing on reclaimed landfill waste after zinc and lead flotation. <i>Forest Research Papers</i> , 2017, 78, 323-331. | 0.2 | 1 |
| 32 | A comparison of the selected properties of macrostructure and density of wood of scots pines (<i>Pinus sylvestris</i> L.) growing on various mine soil substrates. <i>Folia Forestalia Polonica, Series A</i> , 2018, 60, 11-21. | 0.3 | 1 |
| 33 | Use of Alders for the Phytostabilization of a Combustion Waste Disposal Site. <i>Eurasian Soil Science</i> , 0, , 1. | 1.6 | 0 |