

Maja Radziemska

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

1,601
citations

331538

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360920

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docs citations

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times ranked

1714
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-application of nanosized halloysite and biochar as soil amendments in aided phytostabilization of metal(-oid)s-contaminated soil under different temperature conditions. <i>Chemosphere</i> , 2022, 288, 132452.	4.2	7
2	Impact of physiochemical properties, microbes and biochar on bioavailability of toxic elements in the soil: a review. <i>Environmental Geochemistry and Health</i> , 2022, 44, 3725-3742.	1.8	6
3	Can rail transport-related contamination affect railway vegetation? A case study of a busy railway corridor in Poland. <i>Chemosphere</i> , 2022, 293, 133521.	4.2	2
4	Silver Nanoparticles (AgNPs) in Urea Solution in Laboratory Tests and Field Experiments with Crops and Vegetables. <i>Materials</i> , 2022, 15, 870.	1.3	23
5	Cattle Manure Fermented with Biochar and Humic Substances Improve the Crop Biomass, Microbiological Properties and Nutrient Status of Soil. <i>Agronomy</i> , 2022, 12, 368.	1.3	8
6	Manure Maturation with Biochar: Effects on Plant Biomass, Manure Quality and Soil Microbiological Characteristics. <i>Agriculture (Switzerland)</i> , 2022, 12, 314.	1.4	6
7	Biochar-Assisted Phytostabilization for Potentially Toxic Element Immobilization. <i>Sustainability</i> , 2022, 14, 445.	1.6	7
8	Blast Furnace Slag, Post-Industrial Waste or Valuable Building Materials with Remediation Potential?. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 478.	0.8	9
9	Effect of Biochar on Metal Distribution and Microbiome Dynamic of a Phytostabilized Metalloid-Contaminated Soil Following Freeze-Thaw Cycles. <i>Materials</i> , 2022, 15, 3801.	1.3	5
10	Environmental impact assessment of risk elements from railway transport with the use of pollution indices, a biotest and bioindicators. <i>Human and Ecological Risk Assessment (HERA)</i> , 2021, 27, 517-540.	1.7	9
11	Biochar Role in Soil Carbon Stabilization and Crop Productivity. , 2021, , 1-46.		1
12	Can the Application of Municipal Sewage Sludge Compost in the Aided Phytostabilization Technique Provide an Effective Waste Management Method?. <i>Energies</i> , 2021, 14, 1984.	1.6	10
13	Nano Zero Valent Iron (nZVI) as an Amendment for Phytostabilization of Highly Multi-PTE Contaminated Soil. <i>Materials</i> , 2021, 14, 2559.	1.3	9
14	Short-Term Soil Flushing with Tannic Acid and Its Effect on Metal Mobilization and Selected Properties of Calcareous Soil. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5698.	1.2	5
15	Insight into metal immobilization and microbial community structure in soil from a steel disposal dump phytostabilized with composted, pyrolyzed or gasified wastes. <i>Chemosphere</i> , 2021, 272, 129576.	4.2	39
16	The Potential of Biochar Made from Agricultural Residues to Increase Soil Fertility and Microbial Activity: Impacts on Soils with Varying Sand Content. <i>Agronomy</i> , 2021, 11, 1174.	1.3	9
17	Assessment of Soil Contamination with Potentially Toxic Elements and Soil Ecotoxicity of Botanical Garden in Brno, Czech Republic: Are Urban Botanical Gardens More Polluted Than Urban Parks?. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7622.	1.2	6
18	Recycling of Blast Furnace and Coal Slags in Aided Phytostabilisation of Soils Highly Polluted with Heavy Metals. <i>Energies</i> , 2021, 14, 4300.	1.6	1

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19	Assessing the potential of biochar aged by humic substances to enhance plant growth and soil biological activity. <i>Chemical and Biological Technologies in Agriculture</i> , 2021, 8, .	1.9	10
20	A critical review of the possible adverse effects of biochar in the soil environment. <i>Science of the Total Environment</i> , 2021, 796, 148756.	3.9	113
21	Biochar and Sulphur Enriched Digestate: Utilization of Agriculture Associated Waste Products for Improved Soil Carbon and Nitrogen Content, Microbial Activity, and Plant Growth. <i>Agronomy</i> , 2021, 11, 2041.	1.3	14
22	Geotechnical and Environmental Assessment of Blast Furnace Slag for Engineering Applications. <i>Materials</i> , 2021, 14, 6029.	1.3	7
23	Co-composted Biochar Enhances Growth, Physiological, and Phytostabilization Efficiency of <i>Brassica napus</i> and Reduces Associated Health Risks Under Chromium Stress. <i>Frontiers in Plant Science</i> , 2021, 12, 775785.	1.7	24
24	Remediation of Smelter Contaminated Soil by Sequential Washing Using Biosurfactants. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12875.	1.2	3
25	Assisted phytostabilization of soil from a former military area with mineral amendments. <i>Ecotoxicology and Environmental Safety</i> , 2020, 188, 109934.	2.9	21
26	A Mineral By-Product from Gasification of Poultry Feathers for Removing Cd from Highly Contaminated Synthetic Wastewater. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 1048.	0.8	7
27	Bentonite-Based Organic Amendment Enriches Microbial Activity in Agricultural Soils. <i>Land</i> , 2020, 9, 258.	1.2	11
28	Successful Outcome of Phytostabilization in Cr(VI) Contaminated Soils Amended with Alkalizing Additives. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6073.	1.2	6
29	Environmental Impact Assessment of Potentially Toxic Elements in Soils Near the Runway at the International Airport in Central Europe. <i>Sustainability</i> , 2020, 12, 7224.	1.6	17
30	Soil Science Challenges in a New Era: A Transdisciplinary Overview of Relevant Topics. <i>Air, Soil and Water Research</i> , 2020, 13, 117862212097749.	1.2	69
31	Chemical and Biological Properties of Sandy Loam Soil in Response to Long-Term Organicâ€“Mineral Fertilisation in a Warm-Summer Humid Continental Climate. <i>Agronomy</i> , 2020, 10, 1610.	1.3	7
32	Composting versus mechanicalâ€“biological treatment: Does it really make a difference in the final product parameters and maturity. <i>Waste Management</i> , 2020, 106, 173-183.	3.7	23
33	Tillage Versus No-Tillage. Soil Properties and Hydrology in an Organic Persimmon Farm in Eastern Iberian Peninsula. <i>Water (Switzerland)</i> , 2020, 12, 1539.	1.2	39
34	Immobilization of Potentially Toxic Elements (PTE) by Mineral-Based Amendments: Remediation of Contaminated Soils in Post-Industrial Sites. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 87.	0.8	16
35	Zonal Tillage as Innovative Element of the Technology of Growing Winter Wheat: A Field Experiment under Low Rainfall Conditions. <i>Agriculture (Switzerland)</i> , 2020, 10, 105.	1.4	13
36	Novel combined amendments for sustainable remediation of the Pb-contaminated soil. <i>AIMS Environmental Science</i> , 2020, 7, 1-12.	0.7	2

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37	Novel combined amendments for sustainable remediation of the Pb-contaminated soil. <i>AIMS Environmental Science</i> , 2020, 7, 1-12.	0.7	0
38	Valorization of Fish Waste Compost as a Fertilizer for Agricultural Use. <i>Waste and Biomass Valorization</i> , 2019, 10, 2537-2545.	1.8	64
39	Pilot Scale Use of Compost Combined with Sorbents to Phytostabilize Ni-Contaminated Soil Using <i>Lolium perenne</i> L.. <i>Waste and Biomass Valorization</i> , 2019, 10, 1585-1595.	1.8	12
40	Using Mosses as Bioindicators of Potentially Toxic Element Contamination in Ecologically Valuable Areas Located in the Vicinity of a Road: A Case Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3963.	1.2	8
41	Sequential soil washing with mixed biosurfactants is suitable for simultaneous removal of multi-metals from soils with different properties, pollution levels and ages. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	9
42	The combined effect of phytostabilization and different amendments on remediation of soils from post-military areas. <i>Science of the Total Environment</i> , 2019, 688, 37-45.	3.9	36
43	The applicability of compost, zeolite and calcium oxide in assisted remediation of acidic soil contaminated with Cr(III) and Cr(VI). <i>Environmental Science and Pollution Research</i> , 2019, 26, 21351-21362.	2.7	20
44	Municipal solid waste landfill "Vegetation succession in an area transformed by human impact. <i>Ecological Engineering</i> , 2019, 129, 109-114.	1.6	30
45	Assessment of phytotoxicity, environmental and health risks of historical urban park soils. <i>Chemosphere</i> , 2019, 220, 678-686.	4.2	53
46	Soils from an iron and steel scrap storage yard remediated with aided phytostabilization. <i>Land Degradation and Development</i> , 2019, 30, 202-211.	1.8	8
47	Landfill Leachate Effects on Germination and Seedling Growth of Hemp Cultivars (<i>Cannabis Sativa</i> L.). <i>Waste and Biomass Valorization</i> , 2019, 10, 369-376.	1.8	18
48	Saponin Versus Rhamnolipids for Remediation of Cd Contaminated Soils. <i>Clean - Soil, Air, Water</i> , 2018, 46, 1700071.	0.7	8
49	Study of applying naturally occurring mineral sorbents of Poland (dolomite halloysite, chalcedonite) for aided phytostabilization of soil polluted with heavy metals. <i>Catena</i> , 2018, 163, 123-129.	2.2	54
50	Application of Mineral-Based Amendments for Enhancing Phytostabilization in <i>Lolium perenne</i> L. Cultivation. <i>Clean - Soil, Air, Water</i> , 2018, 46, 1600679.	0.7	12
51	Assessment and Evaluation of Heavy Metals Removal from Landfill Leachate by <i>Pleurotus ostreatus</i> . <i>Waste and Biomass Valorization</i> , 2018, 9, 503-511.	1.8	39
52	Ecotoxicity of In-Situ Produced Compost Intended for Landfill Restoration. <i>Environments - MDPI</i> , 2018, 5, 111.	1.5	4
53	Concept of Aided Phytostabilization of Contaminated Soils in Postindustrial Areas. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 24.	1.2	35
54	The use of vegetation as a natural strategy for landfill restoration. <i>Land Degradation and Development</i> , 2018, 29, 3674-3680.	1.8	34

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55	Environmental risk assessment and consequences of municipal solid waste disposal. <i>Chemosphere</i> , 2018, 208, 569-578.	4.2	23
56	Seasonal Changes and Toxic Potency of Landfill Leachate for White Mustard (<i>Sinapis alba</i> L.). <i>Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis</i> , 2018, 66, 235-242.	0.2	14
57	SEM Analysis and Degradation Behavior of Conventional and Bio-Based Plastics During Composting. <i>Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis</i> , 2018, 66, 349-356.	0.2	17
58	Assessment Strategies for Municipal Selective Waste Collection – Regional Waste Management. <i>Journal of Ecological Engineering</i> , 2018, 19, 33-41.	0.5	13
59	Impact of Municipal Solid Waste Landfill on Environment – a Case Study. <i>Journal of Ecological Engineering</i> , 2018, 19, 55-68.	0.5	22
60	Enhanced Phytostabilization of Metal-Contaminated Soil after Adding Natural Mineral Adsorbents. <i>Polish Journal of Environmental Studies</i> , 2018, 27, 267-273.	0.6	4
61	Green roofs as an alternative solution to reduced green surface area in highly urbanized cities of the European Union – the study case of the Netherlands. <i>Acta Scientiarum Polonorum Architectura</i> , 2018, 16, 59-70.	0.1	1
62	Rain water not in sewers but in the garden – the study case of the Netherlands and Polish experience. <i>Acta Scientiarum Polonorum Architectura</i> , 2018, 17, 79-88.	0.1	0
63	Potential of using immobilizing agents in aided phytostabilization on simulated contamination of soil with lead. <i>Ecological Engineering</i> , 2017, 102, 490-500.	1.6	50
64	Environmental assessment of the effects of a municipal landfill on the content and distribution of heavy metals in <i>Tanacetum vulgare</i> L.. <i>Chemosphere</i> , 2017, 185, 1011-1018.	4.2	69
65	Aided Phytostabilization of Copper Contaminated Soils with <i>L. Perenne</i> and Mineral Sorbents as Soil Amendments. <i>Civil and Environmental Engineering Reports</i> , 2017, 26, 79-89.	0.2	2
66	Phytostabilization – Management Strategy for Stabilizing Trace Elements in Contaminated Soils. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 958.	1.2	60
67	Environmental Impact of Landfill on Soils – the Example of the Czech Republic. <i>Polish Journal of Soil Science</i> , 2017, 50, 93.	0.3	8
68	Research of the biodegradability of degradable/biodegradable plastic material in various types of environments. <i>Scientific Review Engineering and Environmental Sciences</i> , 2017, 26, 3-14.	0.2	9
69	CHEMICAL COMPOSITION OF SPRING RAPESEED GROWN IN COPPER- CONTAMINATED SOIL AMENDED WITH HALLOYSITE AND ZEOLITE. <i>Journal of Ecological Engineering</i> , 2017, 18, 38-43.	0.5	2
70	Using Compost, Zeolite and Calcium Oxide to Limit the Effect of Chromium (III) and (VI) on the Content of Trace Elements in Plants. <i>Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis</i> , 2017, 65, 709-719.	0.2	3
71	Investigate the influence of halloysite and activated carbon mixtures in phytostabilization of Pb-contaminated soil with <i>Lolium perenne</i> L.. <i>Annals of Warsaw University of Life Sciences, Land Reclamation</i> , 2017, 49, 69-80.	0.2	0
72	Chemical Composition of Soil Contaminated with Tri- and Hexavalent Chromium Amended with Compost, Zeolite and Calcium Oxide. <i>Polish Journal of Soil Science</i> , 2017, 49, 181.	0.3	2

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73	Quality of Water in the Road Drainage Systems in the Warsaw Agglomeration, Poland. Water (Switzerland), 2016, 8, 429.	1.2	21
74	Co-remediation of Ni-contaminated soil by halloysite and Indian mustard (<i>Brassica juncea</i> L.). Clay Minerals, 2016, 51, 489-497.	0.2	16
75	Assessment of the effect of reactive materials on the content of selected elements in Indian mustard grown in Cu-contaminated soils. Journal of Water and Land Development, 2016, 28, 53-60.	0.9	8
76	CONTENT OF SELECTED HEAVY METALS IN NI-CONTAMINATED SOIL FOLLOWING THE APPLICATION OF HALLOYSITE AND ZEOLITE. Journal of Ecological Engineering, 2016, 17, 125-133.	0.5	27
77	Transport of Nitrogen Compounds through Subsoils in Agricultural Areas: Column Tests. Polish Journal of Environmental Studies, 2016, 25, 1505-1514.	0.6	12
78	MONITORING OF TOTAL DISSOLVED SOLIDS ON AGRICULTURAL LANDS USING ELECTRICAL CONDUCTIVITY MEASUREMENTS. Applied Ecology and Environmental Research, 2016, 14, 285-295.	0.2	18
79	Determination of Risk Perceptions of University Students and Evaluating Their Environmental Awareness in Poland. Cumhuriyet Üniversitesi Fen Fakültesi Fen Bilimleri Dergisi, 2016, 37, 418.	0.1	3
80	EFFECT OF REACTIVE MATERIALS ON THE CONTENT OF SELECTED ELEMENTS IN INDIAN MUSTARD GROWN IN CR(VI)-CONTAMINATED SOILS. Journal of Ecological Engineering, 2016, 17, 141-147.	0.5	4
81	Level and Contamination Assessment of Soil along an Expressway in an Ecologically Valuable Area in Central Poland. International Journal of Environmental Research and Public Health, 2015, 12, 13372-13387.	1.2	42
82	Environmental and Geotechnical Assessment of the Steel Slags as a Material for Road Structure. Materials, 2015, 8, 4857-4875.	1.3	58
83	EFFECT OF COMPOST FROM BY-PRODUCT OF THE FISHING INDUSTRY ON CROP YIELD AND MICROELEMENT CONTENT IN MAIZE. Journal of Ecological Engineering, 2015, 16, 168-175.	0.5	7
84	Assessment of Tri- and Hexavalent Chromium Phytotoxicity on Oats (<i>Avena sativa</i> L.) Biomass and Content of Nitrogen Compounds. Water, Air, and Soil Pollution, 2013, 224, 1619.	1.1	36
85	CO2 Content In Soil Air Upon Application of Composts Formed From Fish Industry By-Products. Soil Science Annual, 2012, 63, 46-49.	0.4	0
86	Effects of Chromium(III and VI) on Spring Barley and Maize Biomass Yield and Content of Nitrogenous Compounds. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2010, 73, 1274-1282.	1.1	39