

# Dana Adamcová

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

1,239  
citations

331538

21  
h-index

434063

31  
g-index

61  
all docs

61  
docs citations

61  
times ranked

1247  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of inoculation with white-rot fungi and fungal consortium on the composting efficiency of municipal solid waste. <i>Waste Management</i> , 2017, 61, 157-164.	3.7	117
2	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
3	Valorization of Fish Waste Compost as a Fertilizer for Agricultural Use. <i>Waste and Biomass Valorization</i> , 2019, 10, 2537-2545.	1.8	64
4	Assessment of phytotoxicity, environmental and health risks of historical urban park soils. <i>Chemosphere</i> , 2019, 220, 678-686.	4.2	53
5	Soil contamination in landfills: a case study of a landfill in Czech Republic. <i>Solid Earth</i> , 2016, 7, 239-247.	1.2	50
6	Chemical Composition and Hazardous Effects of Leachate from the Active Municipal Solid Waste Landfill Surrounded by Farmlands. <i>Sustainability</i> , 2020, 12, 4531.	1.6	48
7	Environmental consequences and the role of illegal waste dumps and their impact on land degradation. <i>Land Use Policy</i> , 2019, 89, 104234.	2.5	44
8	Alternative method of composting on a reclaimed municipal waste landfill in accordance with the circular economy: Benefits and risks. <i>Science of the Total Environment</i> , 2020, 723, 137971.	3.9	42
9	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
10	Active biodegradable packaging films modified with grape seeds lignin. <i>RSC Advances</i> , 2020, 10, 29202-29213.	1.7	36
11	Municipal solid waste landfill "Vegetation succession in an area transformed by human impact. <i>Ecological Engineering</i> , 2019, 129, 109-114.	1.6	30
12	THE TOXICITY OF TWO TYPES OF SEWAGE SLUDGE FROM WASTEWATER TREATMENT PLANT FOR PLANTS IN CZECH REPUBLIC. <i>Journal of Ecological Engineering</i> , 2016, 17, 33-37.	0.5	29
13	Long-Term Temperature Monitoring of a Municipal Solid Waste Landfill. <i>Polish Journal of Environmental Studies</i> , 2015, 24, 1373-1378.	0.6	28
14	Municipal solid waste management under Covid-19: challenges and recommendations. <i>Environmental Geotechnics</i> , 2021, 8, 217-232.	1.3	27
15	Study of the Biodegradability of Degradable/Biodegradable Plastic Material in a Controlled Composting Environment. <i>Ecological Chemistry and Engineering S</i> , 2012, 19, 347-358.	0.3	25
16	Food waste composting - Is it really so simple as stated in scientific literature? " A case study. <i>Science of the Total Environment</i> , 2020, 723, 138202.	3.9	25
17	Biodegradation/Disintegration of Selected Range of Polymers: Impact on the Compost Quality. <i>Journal of Polymers and the Environment</i> , 2019, 27, 892-899.	2.4	24
18	Evaluation of biodegradability of plastics bags in composting conditions. <i>Ecological Chemistry and Engineering S</i> , 2014, 21, 45-57.	0.3	23

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19	Environmental risk assessment and consequences of municipal solid waste disposal. <i>Chemosphere</i> , 2018, 208, 569-578.	4.2	23
20	Composting versus mechanical“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
21	BIODEGRABILITY OF BIOPLASTIC MATERIALS IN A CONTROLLED COMPOSTING ENVIRONMENT. <i>Journal of Ecological Engineering</i> , 2015, 16, 155-160.	0.5	22
22	Impact of Municipal Solid Waste Landfill on Environment “ a Case Study. <i>Journal of Ecological Engineering</i> , 2018, 19, 55-68.	0.5	22
23	Evaluation of the Phytotoxicity of Leachate from a Municipal Solid Waste Landfill: The Case Study of Bukov Landfill. <i>Environments - MDPI</i> , 2020, 7, 111.	1.5	21
24	Heavy Metals Uptake by Select Plant Species in the Landfill Area of ĀtĀpĀinovice, Czech Republic. <i>Polish Journal of Environmental Studies</i> , 0, 23, .	0.6	19
25	Household Solid Waste Composition Focusing on Hazardous Waste. <i>Polish Journal of Environmental Studies</i> , 2016, 25, 487-493.	0.6	19
26	Landfill Leachate Effects on Germination and Seedling Growth of Hemp Cultivars ( <i>Cannabis Sativa L.</i> ). <i>Waste and Biomass Valorization</i> , 2019, 10, 369-376.	1.8	18
27	Influence of a Municipal Solid Waste Landfill on the Surrounding Environment: Landfill Vegetation as a Potential Risk of Allergenic Pollen. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 5064.	1.2	17
28	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
29	The Influence of Microplastics from Ground Tyres on the Acute, Subchronical Toxicity and Microbial Respiration of Soil. <i>Environments - MDPI</i> , 2021, 8, 128.	1.5	17
30	Fire hazard associated with different types of photovoltaic power plants: Effect of vegetation management. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 162, 112491.	8.2	17
31	Trends in the succession of synanthropic vegetation on a reclaimed landfill in Poland. <i>Anthropocene</i> , 2021, 35, 100299.	1.6	14
32	Seasonal Changes and Toxic Potency of Landfill Leachate for White Mustard ( <i>Sinapis alba L.</i> ). <i>Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis</i> , 2018, 66, 235-242.	0.2	14
33	Assessment Strategies for Municipal Selective Waste Collection “ Regional Waste Management. <i>Journal of Ecological Engineering</i> , 2018, 19, 33-41.	0.5	13
34	Effect of Landfill Leachate on the Growth Parameters in Two Selected Varieties of Fiber Hemp. <i>International Journal of Environmental Research</i> , 2020, 14, 155-163.	1.1	12
35	ANALYSIS OF BIODEGRABILITY OF DEGRADABLE/Biodegradable PLASTIC MATERIAL IN CONTROLLED COMPOSTING ENVIRONMENT. <i>Journal of Ecological Engineering</i> , 2016, 17, 1-10.	0.5	12
36	CASE STUDY OF LANDFILL RECLAMATION AT CZECH LANDFILL SITE. <i>Environmental Engineering and Management Journal</i> , 2018, 17, 641-648.	0.2	12

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37	Municipal solid waste landfill: Evidence of the effect of applied landfill management on vegetation composition. <i>Waste Management and Research</i> , 2022, 40, 1402-1411.	2.2	12
38	DOES COMPOSTING OF BIODEGRADABLE MUNICIPAL SOLID WASTE ON THE LANDFILL BODY MAKE SENSE?. <i>Journal of Ecological Engineering</i> , 2016, 17, 30-37.	0.5	11
39	Influence of Fertilization on Microbial Activities, Soil Hydrophobicity and Mineral Nitrogen Leaching. <i>Ecological Chemistry and Engineering S</i> , 2015, 21, 661-675.	0.3	11
40	Significance of Urban Vegetation on Lawns Regarding the Risk of Fire. <i>Sustainability</i> , 2021, 13, 11027.	1.6	11
41	New Polymer Behavior Under the Landfill Conditions. <i>Waste and Biomass Valorization</i> , 2016, 7, 1459-1467.	1.8	10
42	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
43	Degradation of pet copolyesters under real and laboratory composting conditions. <i>Journal of Material Cycles and Waste Management</i> , 2018, 20, 414-420.	1.6	8
44	<i>Jatropha</i> seed cake and organic waste compost: the potential for improvement of soil fertility. <i>Ecological Chemistry and Engineering S</i> , 2016, 23, 131-141.	0.3	7
45	Enzyme Production During Composting of Aliphatic-Aromatic Copolyesters in Organic Wastes. <i>Environmental Engineering Science</i> , 2017, 34, 177-184.	0.8	7
46	Study on the (bio)degradation Process of Bioplastic Materials under Industrial Composting Conditions. <i>Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis</i> , 2017, 65, 791-798.	0.2	7
47	Comparison of technical methods of securing closed landfills in the Czech Republic and Poland. <i>Acta Scientiarum Polonorum Architectura</i> , 2020, 18, 61-71.	0.1	7
48	Analytical Modelling of MSW Landfill Surface Displacement Based on GNSS Monitoring. <i>Sensors</i> , 2020, 20, 5998.	2.1	6
49	Phytotoxicity of Tires Evaluated in Simulated Conditions. <i>Environments - MDPI</i> , 2021, 8, 49.	1.5	6
50	EVALUATION OF LANDFILL LEACHATE POLLUTION: FINDINGS FROM A MONITORING STUDY AT MUNICIPAL WASTE LANDFILL. <i>Journal of Ecological Engineering</i> , 0, 16, 19-32.	0.5	6
51	Ecotoxicity of Composts Containing Aliphatic-Aromatic Copolyesters. <i>Polish Journal of Environmental Studies</i> , 0, 24, 1497-1505.	0.6	6
52	<i>Sinapis alba</i> L. and <i>Triticum aestivum</i> L. as biotest model species for evaluating municipal solid waste leachate toxicity. <i>Journal of Environmental Management</i> , 2022, 302, 114012.	3.8	6
53	Ecotoxicity of In-Situ Produced Compost Intended for Landfill Restoration. <i>Environments - MDPI</i> , 2018, 5, 111.	1.5	4
54	Verification of the occurrence of some plant species as indicators of landfill impact on the environment. <i>Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis</i> , 2013, 61, 1441-1450.	0.2	4

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55	Repeated research of biodegradability of plastics materials in real composting conditions. Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis, 2013, 61, 1557-1564.	0.2	4
56	Environmental changes and their impact on human behaviour - Case study of the incidence of skin cancer. Science of the Total Environment, 2020, 738, 139788.	3.9	3
57	Testing of phytotoxicity of mining waste to determine the direction of future development. AIMS Environmental Science, 2020, 7, 324-334.	0.7	3
58	EMISSION ASSESSMENT AT THE ĀĀšPĀNOVICE MUNICIPAL SOLID WASTE LANDFILL FOCUSING ON CH4 EMISSIONS. Journal of Ecological Engineering, 2016, 17, 9-17.	0.5	3
59	The Influence of the Solid Waste Landfill Existence on the Environmental and Economic Situation of PetrĀvky Village (Czechia). European Countryside, 2015, 7, 179-194.	0.5	2
60	THE EFFECT OF BIODEGRADATION/DEGRADATION OF DEGRADABLE PLASTIC MATERIAL ON COMPOST QUALITY. Ecological Chemistry and Engineering S, 2013, 20, 783-798.	0.3	1
61	The impact of green roofs on the quality of rainwater and operational problems ĀĀ case study. Acta Scientiarum Polonorum Architectura, 2020, 19, 31-41.	0.1	0