

Agota Horel

List of Publications by Year in descending order

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34
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docs citations

34
times ranked

532
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate Change Alters Soil Water Dynamics under Different Land Use Types. Sustainability, 2022, 14, 3908.	3.2	11
2	Investigating Plant Response to Soil Characteristics and Slope Positions in a Small Catchment. Land, 2022, 11, 774.	2.9	2
3	Changes in the Soil-Plant-Water System Due to Biochar Amendment. Water (Switzerland), 2021, 13, 1216.	2.7	5
4	Effects of Environmental Drivers and Agricultural Management on Soil CO ₂ and N ₂ O Emissions. Agronomy, 2021, 11, 54.	3.0	10
5	Biochar Alters Soil Physical Characteristics, Arbuscular Mycorrhizal Fungi Colonization, and Glomalin Production. Agronomy, 2020, 10, 1933.	3.0	12
6	Growth and Photosynthetic Response of Capsicum annuum L. in Biochar Amended Soil. Applied Sciences (Switzerland), 2020, 10, 4111.	2.5	9
7	Microbial Degradation of Different Hydrocarbon Fuels with Mycoremediation of Volatiles. Microorganisms, 2020, 8, 163.	3.6	19
8	Különböző fűfajhasználatok terjedeleke talajnak nitrogénforgalmi vizsgálata végtelmezés hármasokletje. Agrókémia Es Talajtan, 2019, 68, 79-96.	0.2	0
9	Domborzat hatása a talajnedvesség-forgalomra szőlőtetvényen. Agrókémia Es Talajtan, 2019, 68, 37-55.	0.2	0
10	Soil Nutrient Dynamics and Nitrogen Fixation Rate Changes over Plant Growth in Temperate Soil. Agronomy, 2019, 9, 179.	3.0	10
11	Biochar Amendment Affects Soil Water and CO ₂ Regime during Capsicum Annuum Plant Growth. Agronomy, 2019, 9, 58.	3.0	12
12	Soil physical properties affected by biochar addition at different plant phenological phases. Part I. International Agrophysics, 2019, 33, 255-262.	1.7	6
13	Soil physical properties affected by biochar addition at different plant phenological phases. Part II. International Agrophysics, 2019, 1, 1-7.	1.7	8
14	Potential nitrogen fixation changes under different land uses as influenced by seasons and biochar amendments. Arabian Journal of Geosciences, 2018, 11, 1.	1.3	15
15	Soil CO ₂ and N ₂ O Emission Drivers in a Vineyard (Vitis vinifera) under Different Soil Management Systems and Amendments. Sustainability, 2018, 10, 1811.	3.2	12
16	Biodiesel Addition Influences Biodegradation Rates of Fresh and Artificially Weathered Diesel Fuel in Alaskan Sand. Journal of Cold Regions Engineering - ASCE, 2017, 31, 04017012.	1.1	8
17	Evaluation of three semi-distributed hydrological models in simulating discharge from a small forest and arable dominated catchment. Biologia (Poland), 2017, 72, 1002-1009.	1.5	2
18	Impact of VOC removal by activated carbon on biodegradation rates of diesel, Syntroleum and biodiesel in contaminated sand. Science of the Total Environment, 2016, 573, 106-114.	8.0	8

#	ARTICLE	IF	CITATIONS
19	A h�m�rs�klet �s a biosz�n t�pus�nak, valamint mennyis�g�nek hat�sa a talaj nett� nitifik�ci�j�ra. Agrokemia Es Talajtan, 2016, 65, 297-311.	0.2	4
20	Effects of Land Use and Management on Soil Hydraulic Properties. Open Geosciences, 2015, 7, .	1.7	25
21	Effects of vegetation at different succession stages on soil properties and water flow in sandy soil. Biologia (Poland), 2015, 70, 1474-1479.	1.5	19
22	Input of organic matter enhances degradation of weathered diesel fuel in sub-tropical sediments. Science of the Total Environment, 2015, 533, 82-90.	8.0	25
23	Effect of concentration gradients on biodegradation in bench-scale sand columns with HYDRUS modeling of hydrocarbon transport and degradation. Environmental Science and Pollution Research, 2015, 22, 13251-13262.	5.3	10
24	Transport of iodide in structured clay-loam soil under maize during irrigation experiments analyzed using HYDRUS model. Biologia (Poland), 2014, 69, 1531-1538.	1.5	12
25	Impact of expected climate change on soil water regime under different vegetation conditions. Biologia (Poland), 2014, 69, 1510-1519.	1.5	20
26	Biostimulation of weathered MC252 crude oil in northern Gulf of Mexico sandy sediments. International Biodeterioration and Biodegradation, 2014, 93, 1-9.	3.9	17
27	Impact of crude oil exposure on nitrogen cycling in a previously impacted Juncus roemerianus salt marsh in the northern Gulf of Mexico. Environmental Science and Pollution Research, 2014, 21, 6982-6993.	5.3	24
28	Influence of inocula with prior hydrocarbon exposure on biodegradation rates of diesel, synthetic diesel, and fish-biodiesel in soil. Chemosphere, 2014, 109, 150-156.	8.2	15
29	Enhancing the biodegradation of oil in sandy sediments with choline: A naturally methylated nitrogen compound. Environmental Pollution, 2013, 182, 53-62.	7.5	8
30	Intrinsic rates of petroleum hydrocarbon biodegradation in Gulf of Mexico intertidal sandy sediments and its enhancement by organic substrates. Journal of Hazardous Materials, 2013, 244-245, 537-544.	12.4	37
31	Responses of microbial community from northern Gulf of Mexico sandy sediments following exposure to deepwater horizon crude oil. Environmental Toxicology and Chemistry, 2012, 31, 1004-1011.	4.3	27
32	Seasonal Monitoring of Hydrocarbon Degraders in Alabama Marine Ecosystems Following the Deepwater Horizon Oil Spill. Water, Air, and Soil Pollution, 2012, 223, 3145-3154.	2.4	20