Use of tree rings as a bioindicator to observe atmospher

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Citation Report

#	Article	IF	Citations
1	Heavy metal accumulation in rosemary leaves and stems exposed to traffic-related pollution near Adana-Ä°skenderun Highway (Hatay, Turkey). Environmental Monitoring and Assessment, 2019, 191, 553.	1.3	90
2	Determining toxic metal concentration changes in landscaping plants based on some factors. Air Quality, Atmosphere and Health, 2019, 12, 983-991.	1.5	34
3	Base alteration of some heavy metal concentrations on local and seasonal in Bartin River. Environmental Monitoring and Assessment, 2019, 191, 594.	1.3	31
4	The effects of climate change on groundwater recharge for different soil types of the west shore of Lake Urmiaâ€"Iran. Arabian Journal of Geosciences, 2019, 12, 1.	0.6	7
5	Statistical relationship between land surface altitude and soil salinity in the enclosed desert depressions of arid regions. Arabian Journal of Geosciences, 2019, 12, 1.	0.6	6
6	Changes in heavy metal accumulation in some edible landscape plants depending on traffic density. Environmental Monitoring and Assessment, 2020, 192, 78.	1.3	77
7	Analyzing of usability of tree-rings as biomonitors for monitoring heavy metal accumulation in the atmosphere in urban area: a case study of cedar tree (Cedrus sp.). Environmental Monitoring and Assessment, 2020, 192, 23.	1.3	61
8	Determination of Pb and Mg accumulation in some of the landscape plants in shrub forms. Environmental Science and Pollution Research, 2020, 27, 2423-2431.	2.7	62
9	Certain soil characteristics and light conditions of enzyme activities and variance conditional to plant type. Environmental Monitoring and Assessment, 2020, 192, 229.	1.3	1
10	Carbon dioxide transport in radial miscible flooding in consideration of rate-controlled adsorption. Arabian Journal of Geosciences, 2020, 13, 1.	0.6	5
11	Research on recognition and protection of ecological security patterns based on circuit theory: a case study of Jinan City. Environmental Science and Pollution Research, 2020, 27, 12414-12427.	2.7	78
12	Heavy metal concentrations in roadside plants (Achillea wilhelmsii and Cardaria draba) and soils along some highways in Hamedan, west of Iran. Environmental Science and Pollution Research, 2020, 27, 13301-13314.	2.7	43
13	The possibility of using Scots pine needles as biomonitor in determination of heavy metal accumulation. Environmental Science and Pollution Research, 2020, 27, 20273-20280.	2.7	36
14	Ca, Cu, and Li in washed and unwashed specimens of needles, bark, and branches of the blue spruce (Picea pungens) in the city of Ankara. Environmental Science and Pollution Research, 2020, 27, 21816-21825.	2.7	69
15	Common carp (Cyprinus carpio L.) scales as a bioindicator reflecting its exposure to heavy metals throughout life. Journal of Applied Ichthyology, 2021, 37, 235-245.	0.3	3
16	ÐšÐžÐœÐŸÐ›Ð•ÐšÐ¡ÐÐ«Ð• Ð“Ð•ÐžÐ¥Ð˜ÐœÐ˜Ð§Ð•Ð¡ÐšÐ˜Ð• Ð˜Ð¡Ð›Ð•Ð”ÐžÐ’ÐÐÐ˜Ð¯ ÐšÐžÐœÐŸÐžÐÐ•ÐÐ¢ÐžÐ’	0.1	ÐŸÐÐ˜ÐÐžÐ”
17	Using Cedrus atlanticaâ€™s annual rings as a biomonitor in observing the changes of Ni and Co concentrations in the atmosphere. Environmental Science and Pollution Research, 2021, 28, 35880-35886.	2.7	45
18	The usability of Cupressus arizonica annual rings in monitoring the changes in heavy metal concentration in air. Environmental Science and Pollution Research, 2021, 28, 35642-35648.	2.7	59

#	Article	IF	Citations
19	Exploring the existence of aviation Kuznets curve in the context of environmental pollution for OECD nations. Environment, Development and Sustainability, 2021, 23, 15266-15289.	2.7	8
20	Assessing the uptake and accumulation of heavy metals and particulate matter from ambient air by some tree species in Isfahan Metropolis, Iran. Environmental Science and Pollution Research, 2021, 28, 41451-41463.	2.7	8
21	Ornamental plants for the phytoremediation of heavy metals: Present knowledge and future perspectives. Environmental Research, 2021, 195, 110780.	3.7	84
22	The effects of increased exposure time to UV-B radiation on germination and seedling development of Anatolian black pine seeds. Environmental Monitoring and Assessment, 2021, 193, 388.	1.3	24
23	The potential of using Cedrus atlantica as a biomonitor in the concentrations of Cr and Mn. Environmental Science and Pollution Research, 2021, 28, 55446-55453.	2.7	42
24	An integrated approach considering physiological- and biophysical-based indicators for assessing tolerance of roadside plantations of Alstonia scholaris towards urban roadside air pollution: an assessment of adaptation of plantations for mitigating roadside air pollution. Trees - Structure and Function, 2023, 37, 69-83.	0.9	3
25	Guideline references to levels of heavy metals in arable soils in upper Egypt. Journal of the Saudi Society of Agricultural Sciences, 2021, 20, 359-370.	1.0	2
26	Evidence of declining trees resilience under long term heavy metal stress combined with climate change heating. Journal of Cleaner Production, 2021, 317, 128428.	4.6	18
27	How can vegetation protect us from air pollution? A critical review on green spaces' mitigation abilities for air-borne particles from a public health perspective - with implications for urban planning. Science of the Total Environment, 2021, 796, 148605.	3.9	178
28	Advanced Technologies for Ecological Reconstruction and Bioremediation of Degraded Land. Environmental and Microbial Biotechnology, 2021, , 81-130.	0.4	1
29	Periodical and regional change of particulate matter and CO2 concentration in Misurata. Environmental Monitoring and Assessment, 2021, 193, 707.	1.3	38
30	Challenges in the Application of Dendrochemistry in Research on Historical Environmental Pollution in an Old Copper Mining Area. Forests, 2021, 12, 1505.	0.9	5
31	The effects of climate change scenarios on Tilia ssp. in Turkey. Environmental Monitoring and Assessment, 2021, 193, 771.	1.3	32
32	Role of Transporters during Heavy Metals Toxicity in Plants. , 2021, , 49-62.		2
33	Variation of Ba concentrations in some plants grown in Pakistan depending on traffic density. Biomass Conversion and Biorefinery, 2024, 14, 3785-3791.	2.9	59
34	Experimental study of formaldehyde and BTEX adsorption onto activated carbon from lignocellulosic biomass. Biomass Conversion and Biorefinery, 2023, 13, 4279-4289.	2.9	24
35	Using indoor plants as biomonitors for detection of toxic metals by tobacco smoke. Air Quality, Atmosphere and Health, 2022, 15, 415-424.	1.5	35
36	Uptake of Pb, Sr, Co and Ni in Spruce (Picea Abies Karst.) and Douglas-Fir (Pseudotsuga Menziesii Mirb.) Tree Wood and Bark: A Field Experiment. SSRN Electronic Journal, 0, , .	0.4	1

#	Article	IF	Citations
37	Atmospheric Cd, Cr, and Zn Deposition in Several Landscape Plants in Mersin, TÃ¼rkiye. Water, Air, and Soil Pollution, 2022, 233, 1.	1.1	25
38	Atmospheric deposition of Pb and Cd in the Cedrus atlantica for environmental biomonitoring. Landscape and Ecological Engineering, 2022, 18, 341-350.	0.7	26
39	The large-scale period of atmospheric trace metal deposition to urban landscape trees as a biomonitor. Biomass Conversion and Biorefinery, 2024, 14, 6455-6464.	2.9	22
40	Proof of concept to characterize historical heavy metal concentrations from annual rings of Corylus colurna: determining the changes of Pb, Cr, and Zn concentrations in atmosphere in 180Âyears in North Turkey. Air Quality, Atmosphere and Health, 2022, 15, 1623-1633.	1.5	8
41	Camphor Leaves Can Better Bio-Monitor the Spatial Distribution of Atmospheric Copper and Cadmium Deposition than Tree Rings Around a Large Smelter. SSRN Electronic Journal, 0, , .	0.4	0
42	Usability of Some Landscape Plants in Biomonitoring Technique: an Anaysis With Special Regard to Heavy Metals. Kent Akademisi, 2022, 15, 1413-1421.	0.1	1
43	The Use of Cupressus arizonica as a Biomonitor of Li, Fe, and Cr Pollution in Kastamonu. Water, Air, and Soil Pollution, 2022, 233, .	1.1	46
44	Usability of Organic Wastes in Concrete Production; Palm Leaf Sample. , 0, , .		0
45	SAMSUN KENT MERKEZÄ°NDE YETÄ°ÅžEN BAZI BÄ°TKÄ°LERDE B ve Ag KONSANTRASYONLARININ TRAFÄ°K YOÄžUNLUÄžUNA BAÄžLI DEÄžÄ°ÅžÄ°MÄ°. , 0, , .		0
46	Determining the Biocomfort Zones in Near Future in Antalya Province Depending on the Global Climate Change Scenarios. , 0, , .		4
47	Determining the 180-year Change of Cd, Fe, and Al Concentrations in the Air by Using Annual Rings of Corylus colurna L. Water, Air, and Soil Pollution, 2022, 233, .	1.1	12
48	Temporal Variability of Trace Metal Evidence in Cupressus arizonica, Platanus orientalis, and Robinia pseudoacacia as Pollution-Resistant Species at an Industrial Site. Water, Air, and Soil Pollution, 2022, 233, .	1.1	20
49	Using Topsoil Analysis to Determine and Map Changes in Ni Co Pollution. Water, Air, and Soil Pollution, 2022, 233, .	1.1	57
50	Detection of landscape species as a low-cost biomonitoring study: Cr, Mn, and Zn pollution in an urban air quality. Environmental Monitoring and Assessment, 2022, 194, .	1.3	20
51	Assessment of Cr and Zn deposition on Picea pungens Engelm. in urban air of Ankara, TÃ¼rkiye. Environment, Development and Sustainability, 2023, 25, 4365-4384.	2.7	16
52	Variation of Al concentrations depending on the growing environment in some indoor plants that used in architectural designs. Environmental Science and Pollution Research, 2023, 30, 18748-18754.	2.7	13
53	Determination of heavy metal levels using Betula pendula Roth. under various soil contamination in Southern Urals, Russia. International Journal of Environmental Science and Technology, 2022, 19, 12593-12604.	1.8	8
54	The change in biocomfort zones in the area of MuÄŸla province in near future due to the global climate change scenarios. Journal of Thermal Biology, 2023, 112, 103434.	1.1	28

#	Article	IF	Citations
55	Do Annual Rings Really Reveal Cd, Ni, and Zn Pollution in the Air Related to Traffic Density? An Example of the Cedar Tree. Water, Air, and Soil Pollution, 2023, 234, .	1.1	7