Margit KÃµiv-Vainik

List of Publications by Year
in descending order

18	1,157	840776 11	888059 17
papers	citations	h-index	g-index

18	18	18	1267
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Filter materials for phosphorus removal from wastewater in treatment wetlandsâ€”A review. Ecological Engineering, 2011, 37, 70-89.	3.6	612
2	Wetland treatment at extremes of pH: A review. Science of the Total Environment, 2009, 407, 3944-3957.	8.0	123
3	Biochar enhances plant growth and nutrient removal in horizontal subsurface flow constructed wetlands. Science of the Total Environment, 2018, 639, 67-74.	8.0	103
4	Phosphorus removal using Ca-rich hydrated oil shale ash as filter material â€“ The effect of different phosphorus loadings and wastewater compositions. Water Research, 2010, 44, 5232-5239.	11.3	68
5	Effect of plant species on water quality at the outlet of a sludge treatment wetland. Water Research, 2012, 46, 5305-5315.	11.3	57
6	Active Filtration of Phosphorus on Ca-Rich Hydrated Oil Shale Ash: Does Longer Retention Time Improve the Process?. Environmental Science & Technology, 2009, 43, 3809-3814.	10.0	42
7	The performance of peat-filled subsurface flow filters treating landfill leachate and municipal wastewater. Ecological Engineering, 2009, 35, 204-212.	3.6	35
8	High-strength greywater treatment in compact hybrid filter systems with alternative substrates. Ecological Engineering, 2012, 49, 84-92.	3.6	34
9	Treatment of fish farm sludge supernatant by aerated filter beds and steel slag filtersâ€”effect of organic loading rate. Ecological Engineering, 2016, 94, 190-199.	3.6	17
10	Bacterial community activity and dynamics in the biofilm of an experimental hybrid wetland system treating greywater. Environmental Science and Pollution Research, 2019, 26, 4013-4026.	5.3	15
11	Reuse potential of phosphorus-rich filter materials from subsurface flow wastewater treatment filters for forest soil amendment. Hydrobiologia, 2012, 692, 145-156.	2.0	14
12	Hydrated Oil Shale Ash Mitigates Greenhouse Gas Emissions from Horizontal Subsurface Flow Filters for Wastewater Treatment. Water, Air, and Soil Pollution, 2016, 227, 1.	2.4	10
13	Effects of plants and biochar on the performance of treatment wetlands for removal of the pesticide chlorantraniliprole from agricultural runoff. Ecological Engineering, 2022, 175, 106477.	3.6	9
14	The Effect of the Effluent from a Small-Scale Conventional Wastewater Treatment Plant Treating Municipal Wastewater on the Composition and Abundance of the Microbial Community, Antibiotic Resistome, and Pathogens in the Sediment and Water of a Receiving Stream. Water (Switzerland), 2021, 13, 865.	2.7	7
15	Macrophyte Potential to Treat Leachate Contaminated with Wood Preservatives: Plant Tolerance and Bioaccumulation Capacity. Plants, 2020, 9, 1774.	3.5	4
16	Effects of macrophyte species and biochar on the performance of treatment wetlands for the removal of glyphosate from agricultural runoff. Science of the Total Environment, 2022, 838, 156061.	8.0	4
17	Leachate Treatment in Newly Built Peat Filters: A Pilot-Scale Study. , 2008, , 89-98.		2
18	After treatment of landfill leachate in peat filters. WIT Transactions on Ecology and the Environment, 2006, , .	0.0	1