Ãœlo Mander

List of Publications by Year
in descending order

224 papers	10,355 citations	36203 51 h-index	45213 90 g-index
269 all docs	269 docs citations	269 times ranked	10565 citing authors

#	Article	IF	Citations
1	Long-term dynamics of soil, tree stem and ecosystem methane fluxes in a riparian forest. Science of the Total Environment, 2022, 809, 151723.	3.9	10
2	Archaea rather than bacteria govern green roofs greenhouse gas production. Ecological Engineering, 2022, 176, 106530.	1.6	0
3	Morphological Variation in Absorptive Roots in Downy Birch (Betula pubescens) and Norway Spruce (Picea abies) Forests Growing on Drained Peat Soils. Forests, 2022, 13, 112.	0.9	3
4	High Methane Emission From Palm Stems and Nitrous Oxide Emission From the Soil in a Peruvian Amazon Peat Swamp Forest. Frontiers in Forests and Global Change, 2022, 5, .	1.0	2
5	Structure and function of the soil microbiome underlying N2O emissions from global wetlands. Nature Communications, 2022, 13, 1430.	5.8	72
6	Does liming grasslands increase biomass productivity without causing detrimental impacts on net greenhouse gas emissions?. Environmental Pollution, 2022, 300, 118999.	3.7	4
7	Low water level drives high nitrous oxide emissions from treatment wetland. Journal of Environmental Management, 2022, 312, 114914.	3.8	3
8	Impacts of crop type, management and soil quality indicators on background nitrous oxide emissions (BNE) from Chinese croplands: a quantitative review and analysis. Environmental Science Atmospheres, 2022, 2, 563-573.	0.9	1
9	Global macroecology of nitrogenâ€fixing plants. Global Ecology and Biogeography, 2021, 30, 514-526.	2.7	16
10	Trees as net sinks for methane (CH₄) and nitrous oxide (N₂O) in the lowland tropical rain forest on volcanic RÃ©union Island. New Phytologist, 2021, 229, 1983-1994.	3.5	32
11	Remotely sensed phenological heterogeneity of restored wetlands: linking vegetation structure and function. Agricultural and Forest Meteorology, 2021, 296, 108215.	1.9	18
12	Mapping the field of constructed wetland-microbial fuel cell: A review and bibliometric analysis. Chemosphere, 2021, 262, 128366.	4.2	67
13	Productive wetlands restored for carbon sequestration quickly become net CO2 sinks with site-level factors driving uptake variability. PLoS ONE, 2021, 16, e0248398.	1.1	33
14	Temperature and pH define the realised niche space of arbuscular mycorrhizal fungi. New Phytologist, 2021, 231, 763-776.	3.5	126
15	Effects of the nitrification inhibitor nitrapyrin and tillage practices on yield-scaled nitrous oxide emission from a maize field in Iran. Pedosphere, 2021, 31, 314-322.	2.1	14
16	Evapotranspiration Intensification Over Unchanged Temperate Vegetation in the Baltic Countries Is Being Driven by Climate Shifts. Frontiers in Forests and Global Change, 2021, 4, .	1.0	3
17	Invasive Spartina alterniflora changes the Yangtze Estuary salt marsh from CH4 sink to source. Estuarine, Coastal and Shelf Science, 2021, 252, 107258.	0.9	9
18	Diurnal Tree Stem CH4 and N2O Flux Dynamics from a Riparian Alder Forest. Forests, 2021, 12, 863.	0.9	5

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19	FLUXNET-CH₄: a global, multi-ecosystem dataset and analysis of methane seasonality from freshwater wetlands. Earth System Science Data, 2021, 13, 3607-3689.	3.7	79
20	High denitrification potential but low nitrous oxide emission in a constructed wetland treating nitrate-polluted agricultural run-off. Science of the Total Environment, 2021, 779, 146614.	3.9	17
21	Forest canopy mitigates soil N2O emission during hot moments. Npj Climate and Atmospheric Science, 2021, 4, .	2.6	5
22	Recent research challenges in constructed wetlands for wastewater treatment: A review. Ecological Engineering, 2021, 169, 106318.	1.6	124
23	Restoring wetlands on intensive agricultural lands modifies nitrogen cycling microbial communities and reduces N2O production potential. Journal of Environmental Management, 2021, 299, 113562.	3.8	6
24	Remotely Sensed Land Surface Temperature Can Be Used to Estimate Ecosystem Respiration in Intact and Disturbed Northern Peatlands. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2021JG006411.	1.3	2
25	Refining the role of phenology in regulating gross ecosystem productivity across European peatlands. Global Change Biology, 2020, 26, 876-887.	4.2	25
26	Frequency-domain electromagnetic induction for upscaling greenhouse gas fluxes in two hemiboreal drained peatland forests. Journal of Applied Geophysics, 2020, 173, 103944.	0.9	6
27	Perspectives on agriculturally used drained peat soils: Comparison of the socioeconomic and ecological business environments of six European regions. Land Use Policy, 2020, 90, 104181.	2.5	37
28	The Role of Education in Increasing Awareness and Reducing Impact of Natural Hazards. Sustainability, 2020, 12, 7623.	1.6	6
29	Constructed wetlands as potential breeding sites for amphibians in agricultural landscapes: A case study. Ecological Engineering, 2020, 158, 106077.	1.6	11
30	Wintertime Greenhouse Gas Fluxes in Hemiboreal Drained Peatlands. Atmosphere, 2020, 11, 731.	1.0	11
31	Effect of Cathode Material and Its Size on the Abundance of Nitrogen Removal Functional Genes in Microcosms of Integrated Bioelectrochemical-Wetland Systems. Soil Systems, 2020, 4, 47.	1.0	5
32	Can subsurface flow constructed wetlands be applied in cold climate regions? A review of the current knowledge. Ecological Engineering, 2020, 157, 105992.	1.6	28
33	Soil Bacterial and Archaeal Communities and Their Potential to Perform N-Cycling Processes in Soils of Boreal Forests Growing on Well-Drained Peat. Frontiers in Microbiology, 2020, 11, 591358.	1.5	18
34	Intensive Rain Hampers the Effectiveness of Nitrification Inhibition in Controlling N2O Emissions from Dairy Slurry-Fertilized Soils. Agriculture (Switzerland), 2020, 10, 497.	1.4	4
35	Satellite Determination of Peatland Water Table Temporal Dynamics by Localizing Representative Pixels of A SWIR-Based Moisture Index. Remote Sensing, 2020, 12, 2936.	1.8	16
36	Natural Nitrogen Isotope Ratios as a Potential Indicator of N2O Production Pathways in a Floodplain Fen. Water (Switzerland), 2020, 12, 409.	1.2	5

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37	Invasive Spartina alterniflora can mitigate N2O emission in coastal salt marshes. Ecological Engineering, 2020, 147, 105758.	1.6	8
38	Enhancing Nitrate Removal from Waters with Low Organic Carbon Concentration Using a Bioelectrochemical Systemâ€"A Pilot-Scale Study. Water (Switzerland), 2020, 12, 516.	1.2	6
39	A Comparison of Three Trapezoid Models Using Optical and Thermal Satellite Imagery for Water Table Depth Monitoring in Estonian Bogs. Remote Sensing, 2020, 12, 1980.	1.8	14
40	Methane emissions reduce the radiative cooling effect of a subtropical estuarine mangrove wetland by half. Global Change Biology, 2020, 26, 4998-5016.	4.2	31
41	Short-term flooding increases CH4 and N2O emissions from trees in a riparian forest soil-stem continuum. Scientific Reports, 2020, 10, 3204.	1.6	36
42	Experimental harvesting of wetland plants to evaluate trade-offs between reducing methane emissions and removing nutrients accumulated to the biomass in constructed wetlands. Science of the Total Environment, 2020, 715, 136960.	3.9	22
43	Increasing fragmentation of forest cover in Brazilâ€™s Legal Amazon from 2001 to 2017. Scientific Reports, 2020, 10, 5803.	1.6	50
44	Erosion Induced Heterogeneity of Soil Organic Matter in Catenae from the Baltic Sea Catchment. Soil Systems, 2019, 3, 42.	1.0	5
45	Environmental factors affecting greenhouse gas fluxes of green roofs in temperate zone. Science of the Total Environment, 2019, 694, 133699.	3.9	11
46	Assessing the carbon and climate benefit of restoring degraded agricultural peat soils to managed wetlands. Agricultural and Forest Meteorology, 2019, 268, 202-214.	1.9	73
47	Elevated atmospheric humidity shapes the carbon cycle of a silver birch forest ecosystem: A FAHM study. Science of the Total Environment, 2019, 661, 441-448.	3.9	10
48	Carbon exchange in a hemiboreal mixed forest in relation to tree species composition. Agricultural and Forest Meteorology, 2019, 275, 11-23.	1.9	14
49	Reviews and syntheses: Greenhouse gas exchange data from drained organic forest soils â€“ a review of current approaches and recommendations for future research. Biogeosciences, 2019, 16, 4687-4703.	1.3	13
50	The carbon balance of a six-year-old Scots pine (Pinus sylvestris L.) ecosystem estimated by different methods. Forest Ecology and Management, 2019, 433, 248-262.	1.4	20
51	Relationships between field-measured hydrometeorological variables and satellite-based land surface temperature in a hemiboreal raised bog. International Journal of Applied Earth Observation and Geoinformation, 2019, 74, 295-301.	1.4	6
52	Wetlands and carbon revisited. Ecological Engineering, 2018, 114, 1-6.	1.6	35
53	Differences in microbial community structure and nitrogen cycling in natural and drained tropical peatland soils. Scientific Reports, 2018, 8, 4742.	1.6	70
54	Nitrogen-rich organic soils under warm well-drained conditions are global nitrous oxide emission hotspots. Nature Communications, 2018, 9, 1135.	5.8	98

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55	Greenhouse gas emissions in natural and managed peatlands of America: Case studies along a latitudinal gradient. Ecological Engineering, 2018, 114, 34-45.	1.6	26
56	Treatment Efficiency of Diffuse Agricultural Pollution in a Constructed Wetland Impacted by Groundwater Seepage. Water (Switzerland), 2018, 10, 1601.	1.2	17
57	Biochar enhances plant growth and nutrient removal in horizontal subsurface flow constructed wetlands. Science of the Total Environment, 2018, 639, 67-74.	3.9	103
58	Efficiency of a newly established in-stream constructed wetland treating diffuse agricultural pollution. Ecological Engineering, 2018, 119, 1-7.	1.6	29
59	Nitrogen and phosphorus discharge from small agricultural catchments predicted from land use and hydroclimate. Land Use Policy, 2018, 75, 260-268.	2.5	11
60	Green and brown infrastructures support a landscape-level implementation of ecological engineering. Ecological Engineering, 2018, 120, 23-35.	1.6	16
61	Nutrient Removal from Variable Stormwater Flows. SpringerBriefs in Water Science and Technology, 2018, , 31-55.	0.5	3
62	Annual net nitrogen mineralization and litter flux in well-drained downy birch, Norway spruce and Scots pine forest ecosystems. Silva Fennica, 2018, 52, .	0.5	9
63	Denitrification in Constructed Wetlands for Wastewater Treatment and Created Riverine Wetlands. , 2018, , 1983-1990.		1
64	Implications for constructed wetlands to mitigate nitrate and pesticide pollution in agricultural drained watersheds. Ecological Engineering, 2017, 103, 415-425.	1.6	109
65	High-frequency measurement of N 2 O emissions from a full-scale vertical subsurface flow constructed wetland. Ecological Engineering, 2017, 108, 240-248.	1.6	14
66	Indicators of climate change adaptation from molecules to ecosystems. Regional Environmental Change, 2017, 17, 2055-2059.	1.4	1
67	Interacting environmental and chemical stresses under global change in temperate aquatic ecosystems: stress responses, adaptation, and scaling. Regional Environmental Change, 2017, 17, 2061-2077.	1.4	26
68	Environmental feedbacks in temperate aquatic ecosystems under global change: why do we need to consider chemical stressors?. Regional Environmental Change, 2017, 17, 2079-2096.	1.4	11
69	Weather extremes and tree species shape soil greenhouse gas fluxes in an experimental fast-growing deciduous forest of air humidity manipulation. Ecological Engineering, 2017, 106, 369-377.	1.6	11
70	Impact of water table level on annual carbon and greenhouse gas balances of a restored peat extraction area. Biogeosciences, 2016, 13, 2637-2651.	1.3	54
71	Dynamics of Bacterial Community Abundance and Structure in Horizontal Subsurface Flow Wetland Mesocosms Treating Municipal Wastewater. Water (Switzerland), 2016, 8, 457.	1.2	12
72	Impact of Reed Canary Grass Cultivation and Mineral Fertilisation on the Microbial Abundance and Genetic Potential for Methane Production in Residual Peat of an Abandoned Peat Extraction Area. PLoS ONE, 2016, 11, e0163864.	1.1	11

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73	Full carbon and greenhouse gas balances of fertilized and nonfertilized reed canary grass cultivations on an abandoned peat extraction area in a dry year. GCB Bioenergy, 2016, 8, 952-968.	2.5	16
74	Hydrated Oil Shale Ash Mitigates Greenhouse Gas Emissions from Horizontal Subsurface Flow Filters for Wastewater Treatment. Water, Air, and Soil Pollution, 2016, 227, 1.	1.1	10
75	Emissions of methane from northern peatlands: a review of management impacts and implications for future management options. Ecology and Evolution, 2016, 6, 7080-7102.	0.8	120
76	The Budyko hypothesis before Budyko: The hydrological legacy of Evald Oldekop. Journal of Hydrology, 2016, 535, 386-391.	2.3	27
77	Biomass production and nitrogen balance of naturally afforested silver birch (<i>Betula) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.5	20
78	Risk analysis of global warming-induced greenhouse GAS emissions from natural sources. International Journal of Safety and Security Engineering, 2016, 6, 181-192.	0.5	1
79	Denitrification in Constructed Wetlands for Wastewater Treatment and Created Riverine Wetlands. , 2016, , 1-8.		0
80	Long-term nitrate removal in a buffering pond-reservoir system receiving water from an agricultural drained catchment. Ecological Engineering, 2015, 80, 32-45.	1.6	32
81	Transitions in European land-management regimes between 1800 and 2010. Land Use Policy, 2015, 49, 53-64.	2.5	261
82	The effects of clear-cut on net nitrogen mineralization and nitrogen losses in a grey alder stand. Ecological Engineering, 2015, 85, 237-246.	1.6	18
83	Alternative filter material removes phosphorus and mitigates greenhouse gas emission in horizontal subsurface flow filters for wastewater treatment. Ecological Engineering, 2015, 77, 242-249.	1.6	17
84	Urbanisation-related Landscape Change in Space and Time along Spatial Gradients near Roads: A Case Study from Estonia. Landscape Research, 2015, 40, 192-207.	0.7	5
85	The impact of a pulsing groundwater table on greenhouse gas emissions in riparian grey alder stands. Environmental Science and Pollution Research, 2015, 22, 2360-2371.	2.7	30
86	The impact of a pulsing water table on wastewater purification and greenhouse gas emission in a horizontal subsurface flow constructed wetland. Ecological Engineering, 2015, 80, 69-78.	1.6	37
87	The genetic potential of N2 emission via denitrification and ANAMMOX from the soils and sediments of a created riverine treatment wetland complex. Ecological Engineering, 2015, 80, 181-190.	1.6	45
88	Nitrous oxide emission budgets and land-use-driven hotspots for organic soils in Europe. Biogeosciences, 2014, 11, 6595-6612.	1.3	68
89	Isotopologue Ratios of N₂O and N₂ Measurements Underpin the Importance of Denitrification in Differently N-Loaded Riparian Alder Forests. Environmental Science & Technology, 2014, 48, 11910-11918.	4.6	24
90	Effects of soil chemical characteristics and water regime on denitrification genes (nirS, nirK, and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.6	118

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91	Characterization of bacterial communities in soil and sediment of a created riverine wetland complex using high-throughput 16S rRNA amplicon sequencing. Ecological Engineering, 2014, 72, 56-66.	1.6	166
92	Climate regulation by free water surface constructed wetlands for wastewater treatment and created riverine wetlands. Ecological Engineering, 2014, 72, 103-115.	1.6	49
93	The impact of the change in vegetation structure on the ecological functions of salt marshes: the example of the Yangtze estuary. Regional Environmental Change, 2014, 14, 623-632.	1.4	29
94	Greenhouse gas emission in constructed wetlands for wastewater treatment: A review. Ecological Engineering, 2014, 66, 19-35.	1.6	237
95	Biogeochemical fluxes in landscapes. Landscape Ecology, 2013, 28, 577-581.	1.9	1
96	Effects of land use intensity on soil nutrient distribution after reclamation in an estuary landscape. Landscape Ecology, 2013, 28, 699-707.	1.9	44
97	Mitigation of greenhouse gas emissions from an abandoned Baltic peat extraction area by growing reed canary grass: life-cycle assessment. Regional Environmental Change, 2013, 13, 781-795.	1.4	23
98	Hexachlorobenzene dechlorination in constructed wetland mesocosms. Water Research, 2013, 47, 102-110.	5.3	39
99	Trends in the use of landscape spatial metrics as landscape indicators: A review. Ecological Indicators, 2013, 28, 100-106.	2.6	338
100	Dynamics of antibiotic resistance genes and their relationships with system treatment efficiency in a horizontal subsurface flow constructed wetland. Science of the Total Environment, 2013, 461-462, 636-644.	3.9	92
101	Greenhouse gas fluxes in an open air humidity manipulation experiment. Landscape Ecology, 2013, 28, 637-649.	1.9	26
102	Wetlands, carbon, and climate change. Landscape Ecology, 2013, 28, 583-597.	1.9	727
103	Landscape pattern and census area as determinants of the diversity of farmland avifauna in Estonia. Regional Environmental Change, 2013, 13, 1013-1020.	1.4	7
104	Dechlorination of hexachlorobenzene in treatment microcosm wetlands. Ecological Engineering, 2012, 42, 249-255.	1.6	13
105	Indicators of nutrients transport from agricultural catchments under temperate climate: A review. Ecological Indicators, 2012, 22, 4-15.	2.6	116
106	Bacterial community structure and its relationship to soil physico-chemical characteristics in alder stands with different management histories. Ecological Engineering, 2012, 49, 10-17.	1.6	63
107	High-strength greywater treatment in compact hybrid filter systems with alternative substrates. Ecological Engineering, 2012, 49, 84-92.	1.6	34
108	Denitrification and a Nitrogen Budget of Created Riparian Wetlands. Journal of Environmental Quality, 2012, 41, 2024-2032.	1.0	38

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109	Emissions of CO2, CH4 and N2O from undisturbed, drained and mined peatlands in Estonia. Hydrobiologia, 2012, 692, 41-55.	1.0	53
110	Reuse potential of phosphorus-rich filter materials from subsurface flow wastewater treatment filters for forest soil amendment. Hydrobiologia, 2012, 692, 145-156.	1.0	14
111	Landâ€use change to bioenergy production in <scp>E</scp>urope: implications for the greenhouse gas balance and soil carbon. GCB Bioenergy, 2012, 4, 372-391.	2.5	298
112	Reed canary grass cultivation mitigates greenhouse gas emissions from abandoned peat extraction areas. GCB Bioenergy, 2012, 4, 462-474.	2.5	42
113	Increased organic carbon concentrations in Estonian rivers in the period 1992â€“2007 as affected by deepening droughts. Biogeochemistry, 2012, 108, 351-358.	1.7	22
114	The Influence of Green Roofs on Runoff Water Quality: A Case Study from Estonia. Water Resources Management, 2011, 25, 3699-3713.	1.9	51
115	The Impact of Pulsing Hydrology and Fluctuating Water Table on Greenhouse Gas Emissions from Constructed Wetlands. Wetlands, 2011, 31, 1023-1032.	0.7	52
116	Effect of reclamation time and land use on soil properties in Changjiang River Estuary, China. Chinese Geographical Science, 2011, 21, 403-416.	1.2	51
117	Filter materials for phosphorus removal from wastewater in treatment wetlandsâ€”A review. Ecological Engineering, 2011, 37, 70-89.	1.6	612
118	Methane emissions from freshwater riverine wetlands. Ecological Engineering, 2011, 37, 16-24.	1.6	98
119	Dynamics of gaseous nitrogen and carbon fluxes in riparian alder forests. Ecological Engineering, 2011, 37, 40-53.	1.6	55
120	Enhanced denitrification in a bioaugmented horizontal subsurface flow filter. Ecological Engineering, 2011, 37, 1050-1057.	1.6	13
121	Long-term effects on the nitrogen budget of a short-rotation grey alder (Alnus incana (L.) Moench) forest on abandoned agricultural land. Ecological Engineering, 2011, 37, 920-930.	1.6	51
122	Biogeochemical aspects of ecosystem restoration and rehabilitation. Ecological Engineering, 2011, 37, 1003-1007.	1.6	3
123	Analysing the spatial structure of the Estonian landscapes: which landscape metrics are the most suitable for comparing different landscapes?. Estonian Journal of Ecology, 2011, 60, 70.	0.5	21
124	Optimal Location of Created and Restored Wetlands in Mediterranean Agricultural Catchments. Water Resources Management, 2010, 24, 2485-2499.	1.9	15
125	The status, conservation and sustainable use of Estonian wetlands. Wetlands Ecology and Management, 2010, 18, 375-395.	0.7	29
126	Correspondence of vegetation boundaries to redox barriers in a Northern European moraine plain. Basic and Applied Ecology, 2010, 11, 54-64.	1.2	9

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127	A case study of the performance of pilot scale light weight aggregates (LWA) based hybrid soil filters in Estonia. Desalination, 2010, 250, 361-367.	4.0	3
128	Temperature regime of planted roofs compared with conventional roofing systems. Ecological Engineering, 2010, 36, 91-95.	1.6	69
129	Coherence and fragmentation of landscape patterns as characterized by correlograms: A case study of Estonia. Landscape and Urban Planning, 2010, 94, 31-37.	3.4	23
130	Assessment of methane and nitrous oxide fluxes in rural landscapes. Landscape and Urban Planning, 2010, 98, 172-181.	3.4	27
131	Landscape assessment for sustainable planning. Ecological Indicators, 2010, 10, 1-3.	2.6	20
132	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.	5.3	68
133	Wetland treatment at extremes of pH: A review. Science of the Total Environment, 2009, 407, 3944-3957.	3.9	123
134	The humidity buffer capacity of clayâ€“sand plaster filled with phytomass from treatment wetlands. Building and Environment, 2009, 44, 1864-1868.	3.0	62
135	The biomass and nutrient and heavy metal content of cattails and reeds in wastewater treatment wetlands for the production of construction material in Estonia. Desalination, 2009, 246, 120-128.	4.0	70
136	The performance of peat-filled subsurface flow filters treating landfill leachate and municipal wastewater. Ecological Engineering, 2009, 35, 204-212.	1.6	35
137	Improving wastewater effluent filtration by changing flow regimesâ€”Investigations in two cold climate pilot scale systems. Ecological Engineering, 2009, 35, 193-203.	1.6	27
138	Dynamics of Typha latifolia L. populations in treatment wetlands in Estonia. Ecological Engineering, 2009, 35, 258-264.	1.6	48
139	Pollution control by wetlands. Ecological Engineering, 2009, 35, 153-158.	1.6	47
140	Bioaugmentation in a newly established LECA-based horizontal flow soil filter reduces the adaptation period and enhances denitrification. Bioresource Technology, 2009, 100, 6284-6289.	4.8	20
141	Greenroof potential to reduce temperature fluctuations of a roof membrane: A case study from Estonia. Building and Environment, 2009, 44, 643-650.	3.0	138
142	Water quality problems and potential for wetlands as treatment systems in the Yangtze River Delta, China. Wetlands, 2009, 29, 1125-1132.	0.7	18
143	Global warming potential of drained and undrained peatlands in estonia: A synthesis. Wetlands, 2009, 29, 1081-1092.	0.7	31
144	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.	4.6	42

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145	Future options in landscape ecology: development and research. Progress in Physical Geography, 2009, 33, 31-48.	1.4	26
146	Bayesian inference for oil spill related Net Environmental Benefit Analysis. , 2009, , .		12
147	Oil accident response simulation: allocation of potential places of refuge. WIT Transactions on Ecology and the Environment, 2009, , .	0.0	6
148	Dynamics of concentrations of total organic carbon in Estonian streams, 1992â€“2007. WIT Transactions on Ecology and the Environment, 2009, , .	0.0	1
149	Bayesian inference for predicting potential oil spill related ecological risk. WIT Transactions on the Built Environment, 2009, , .	0.0	24
150	Water quality and emission rates of greenhouse gases in a treatment reedbed. , 2009, , .		1
151	Gaseous fluxes in the nitrogen and carbon budgets of subsurface flow constructed wetlands. Science of the Total Environment, 2008, 404, 343-353.	3.9	80
152	The influence of biophysical factors and former land use on forest floristic variability on Saaremaa and Muhu islands, Estonia. Journal for Nature Conservation, 2008, 16, 123-134.	0.8	10
153	Climate-related Change in Terrestrial and Freshwater Ecosystems. , 2008, , 221-308.		12
154	Hydrated calcareous oil-shale ash as potential filter media for phosphorus removal in constructed wetlands. Water Research, 2008, 42, 1315-1323.	5.3	79
155	Spatial correlograms of soil cover as an indicator of landscape heterogeneity. Ecological Indicators, 2008, 8, 783-794.	2.6	35
156	Relationships between Landscape Pattern, Wetland Characteristics, and Water Quality in Agricultural Catchments. Journal of Environmental Quality, 2008, 37, 2170-2180.	1.0	47
157	Leachate Treatment in Newly Built Peat Filters: A Pilot-Scale Study. , 2008, , 89-98.		2
158	Key sustainability issues and the spatial classification of sensitive regions in Europe. , 2008, , 471-494.		3
159	Batch-operation as a method to enhance oxygen supply in a constructed wetland. WIT Transactions on the Built Environment, 2008, , .	0.0	2
160	Urban movement patterns related to shopping centres â€“ the example ofLÃµunakeskusin Tartu, Estonia. , 2008, , .		0
161	Landscape metrics as indicators of river water quality at catchment scale. Hydrology Research, 2007, 38, 125-138.	1.1	87
162	Performance dynamics of a LWA-filled hybrid constructed wetland in Estonia. Ecohydrology and Hydrobiology, 2007, 7, 297-302.	1.0	5

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163	Multifunctional land use: meeting future demands for landscape goods and services. , 2007, , 1-13.		38
164	Schoolhouse wastewater purification in a LWA-filled hybrid constructed wetland in Estonia. Ecological Engineering, 2007, 29, 17-26.	1.6	87
165	Rainwater runoff quantity and quality performance from a greenroof: The effects of short-term events. Ecological Engineering, 2007, 30, 271-277.	1.6	228
166	Dynamics of phosphorus, nitrogen and carbon removal in a horizontal subsurface flow constructed wetland. Science of the Total Environment, 2007, 380, 66-74.	3.9	83
167	The effect of pre-aeration on the purification processes in the long-term performance of a horizontal subsurface flow constructed wetland. Science of the Total Environment, 2007, 380, 229-236.	3.9	37
168	Estimation of Landscape Potential for Construction of Surface-Flow Wetlands for Wastewater Treatment in Estonia. Environmental Management, 2007, 40, 303-313.	1.2	13
169	The changing landscapes of transitional economies: the Estonian coastal zone. , 2007, , 327-340.		2
170	The reclamation of the North Estonian oil shale mining area. , 2007, , 387-401.		5
171	Landscape factors of nutrient transport in temperate agricultural catchments. WIT Transactions on Ecology and the Environment, 2007, , .	0.0	1
172	The quality of public transport as a determinant of the number of car commuters. WIT Transactions on the Built Environment, 2007, , .	0.0	1
173	The effects of flow regime and temperature on the wastewater purification efficiency of a pilot hybrid constructed wetland. WIT Transactions on Ecology and the Environment, 2007, , .	0.0	2
174	Recreational trail planning in the context of seasonality. WIT Transactions on Ecology and the Environment, 2007, , .	0.0	1
175	Emission of the Greenhouse Gases Nitrous Oxide and Methane from Constructed Wetlands in Europe. Journal of Environmental Quality, 2006, 35, 2360-2373.	1.0	140
176	Black alder as a promising deciduous species for the reclaiming of oil shale mining areas. WIT Transactions on Ecology and the Environment, 2006, , .	0.0	18
177	After treatment of landfill leachate in peat filters. WIT Transactions on Ecology and the Environment, 2006, , .	0.0	1
178	Spatial correlograms and landscape metrics as indicators of land use changes. WIT Transactions on Ecology and the Environment, 2006, , .	0.0	3
179	A sensitivity analysis of the European Union coastal zone based on environmental and socio-economic sustainability indicators. WIT Transactions on Ecology and the Environment, 2006, , .	0.0	1
180	The use of greenroofs for the mitigation of environmental problems in urban areas. WIT Transactions on Ecology and the Environment, 2006, , .	0.0	6

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181	Sustainability of energy use in Estonian settlements and regions. WIT Transactions on Ecology and the Environment, 2006, , .	0.0	1
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