

Arvydas Povilaitis

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

475
citations

687335

13
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713444

21
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38
docs citations

38
times ranked

517
citing authors

#	ARTICLE	IF	CITATIONS
1	Expected climate change impacts on surface water bodies in Lithuania. <i>Ecohydrology and Hydrobiology</i> , 2022, 22, 246-268.	2.3	12
2	NITRATE REMOVAL IN WOODCHIP DENITRIFICATION BIOREACTOR – AN APPROACH COMBINING MATHEMATICAL MODELLING AND PI CONTROL. <i>Journal of Environmental Engineering and Landscape Management</i> , 2022, 30, 13-21.	1.0	0
3	Effectiveness of best management practices for non-point source agricultural water pollution control with changing climate – Lithuania’s case. <i>Agricultural Water Management</i> , 2022, 267, 107635.	5.6	19
4	To store or to drain – To lose or to gain? Rewetting drained peatlands as a measure for increasing water storage in the transboundary Neman River Basin. <i>Science of the Total Environment</i> , 2022, 829, 154560.	8.0	9
5	Effect of Biochar Amendment in Woodchip Denitrifying Bioreactors for Nitrate and Phosphate Removal in Tile Drainage Flow. <i>Water (Switzerland)</i> , 2021, 13, 2883.	2.7	0
6	Nitrate removal from tile drainage water: The performance of denitrifying woodchip bioreactors amended with activated carbon and flaxseed cake. <i>Agricultural Water Management</i> , 2020, 229, 105937.	5.6	12
7	Effects of three types of amendments in woodchip-denitrifying bioreactors for tile drainage water treatment. <i>Ecological Engineering</i> , 2020, 158, 106054.	3.6	8
8	ECOLOGICAL AND WATER ECONOMIC ASSESSMENT OF THE YESIL RIVER BASIN CATCHMENT AREA. <i>News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences</i> , 2020, 2, 123-131.	0.2	0
9	GEOMORPHOLOGICAL ANALYSIS OF THE ILI RIVER BASIN CATCHMENT AREA FOR INTEGRATED DEVELOPMENT. <i>News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences</i> , 2020, 5, 141-149.	0.2	0
10	Changes in Nutrient Concentrations of Two Streams in Western Lithuania with Focus on Shrinkage of Agriculture and Effect of Climate, Drainage Runoff and Soil Factors. <i>Water (Switzerland)</i> , 2019, 11, 1590.	2.7	2
11	Fish assemblages under climate change in Lithuanian rivers. <i>Science of the Total Environment</i> , 2019, 661, 563-574.	8.0	14
12	Predicted climate change effects on European perch (<i>Perca fluviatilis</i> L.) - A case study from the Curonian Lagoon, south-eastern Baltic. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 221, 83-89.	2.1	5
13	Projection of Lithuanian river runoff, temperature and their extremes under climate change. <i>Hydrology Research</i> , 2018, 49, 344-362.	2.7	19
14	Efficiency of Drainage Practices for Improving Water Quality in Lithuania. <i>Transactions of the ASABE</i> , 2018, 61, 179-196.	1.1	15
15	POTENTIAL IMPACT OF CLIMATE CHANGE ON NUTRIENT LOADS IN LITHUANIAN RIVERS. <i>Environmental Engineering and Management Journal</i> , 2018, 17, 2229-2240.	0.6	5
16	Recent aridity trends and future projections in the Nemunas River basin. <i>Climate Research</i> , 2018, 75, 143-154.	1.1	16
17	Spatial Distribution of the Baltic Sea Near-Shore Wave Power Potential along the Coast of Klaipėda, Lithuania. <i>Energies</i> , 2017, 10, 2170.	3.1	4
18	Nitrate Removal from Tile Drainage Water – Laboratory Tests Using Denitrification Bioreactors. <i>Environmental Research, Engineering and Management</i> , 2017, 72, .	1.0	0

#	ARTICLE	IF	CITATIONS
19	SEASONAL CHANGES IN HYDROLOGICAL REGIME IN SUBSURFACE RUNOFF IN MIDDLE LITHUANIA. , 2017, , .		0
20	Management practises and environmental effects of agricultural drainage in Lithuania. , 2016, , .		0
21	Temporal trends in phosphorus concentrations and losses from agricultural catchments in the Nordic and Baltic countries. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2015, 65, 173-185.	0.6	9
22	Agricultural drainage in Lithuania: a review of practices and environmental effects. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2015, 65, 14-29.	0.6	8
23	HYDROLOGICAL EFFECT OF ARTIFICIAL DRAINAGE IN LOWLAND RIVER CATCHMENTS IN LITHUANIA. Environmental Engineering and Management Journal, 2015, 14, 2243-2253.	0.6	5
24	Regularities of Runoff Formation of Rivers Falling into the Kapshagai Reservoir. Biosciences, Biotechnology Research Asia, 2015, 12, 627-638.	0.5	0
25	Long-term monitoring of nutrient losses from agricultural catchments in the Nordicâ€“Baltic region â€“ A discussion of methods, uncertainties and future needs. Agriculture, Ecosystems and Environment, 2014, 198, 4-12.	5.3	34
26	Reprint of â€œMitigating diffuse nitrogen losses in the Nordic-Baltic countriesâ€• Agriculture, Ecosystems and Environment, 2014, 198, 127-134.	5.3	12
27	Reprint of â€œHydrological pathways and nitrogen runoff in agricultural dominated catchments in Nordic and Baltic countriesâ€• Agriculture, Ecosystems and Environment, 2014, 198, 65-73.	5.3	20
28	Climate change and the potential effects on runoff and nitrogen losses in the Nordicâ€“Baltic region. Agriculture, Ecosystems and Environment, 2014, 198, 114-126.	5.3	70
29	Hydrological pathways and nitrogen runoff in agricultural dominated catchments in Nordic and Baltic countries. Agriculture, Ecosystems and Environment, 2014, 195, 211-219.	5.3	27
30	Temporal trends in nitrogen concentrations and losses from agricultural catchments in the Nordic and Baltic countries. Agriculture, Ecosystems and Environment, 2014, 198, 94-103.	5.3	37
31	Nitrogen losses from small agricultural catchments in Lithuania. Agriculture, Ecosystems and Environment, 2014, 198, 54-64.	5.3	22
32	Mitigating diffuse nitrogen losses in the Nordic-Baltic countries. Agriculture, Ecosystems and Environment, 2014, 195, 53-60.	5.3	17
33	Factors affecting seasonal and spatial patterns of water quality in Lithuanian rivers. Journal of Environmental Engineering and Landscape Management, 2013, 21, 26-35.	1.0	6
34	Nutrient retention and export to surface waters in Lithuanian and Estonian river basins. Hydrology Research, 2012, 43, 359-373.	2.7	15
35	Hydrological effects of water management measures in the DovinÄ— River basin, Lithuania. Hydrological Sciences Journal, 2009, 54, 363-374.	2.6	5
36	SOURCE APPORTIONMENT AND RETENTION OF NUTRIENTS AND ORGANIC MATTER IN THE MERKYS RIVER BASIN IN SOUTHERN LITHUANIA/SKIRTINGÅ² ÅALINIÅ² POVEIKIS BIOGENINIÅ² IR ORGANINIÅ² MEDÅ½IAGÅ² PERNAÅAI IR SULAIKYMUI MERKIO UPÅ—S BASEINE PIETÅ² LIETUVOJE/ 2008; 16, 195-204.		24

#	ARTICLE	IF	CITATIONS
37	POSSIBILITIES TO RESTORE NATURAL WATER REGIME IN THE Å½UVINTAS LAKE AND SURROUNDING WETLANDS â€• MODELLING ANALYSIS APPROACH/NATÅ°RALAUS VANDENS REÅ½IMO Å½UVINTO EÅ½ERE IR APLINKINÅ°SE PELKÅ°SE ATKÅ°RIMO ANALIZÅ° TAIKANT MATEMATINÅ° MODELIAVIMÅ°, / ADAD, D-D- D'DžD;D;DçDDžD'D.D•DD-D D'DžD "Dž DD•D- and Landscape Management, 2008, 16, 105-112.	1.6	11
38	Ecological approach to management of open drains. Irrigation and Drainage, 2006, 55, 479-490.	1.7	13