Anu AkujÃ¤rvi

List of Publications by Year
in descending order

19 papers	452 citations	687363 13 h-index	794594 19 g-index
19 all docs	19 docs citations	19 times ranked	834 citing authors

#	Article	IF	Citations
1	Seasonal reflectance dynamics of common understory types in a northern European boreal forest. Remote Sensing of Environment, 2011, 115, 3020-3028.	11.0	87
2	The role of geodiversity in providing ecosystem services at broad scales. Ecological Indicators, 2018, 91, 47-56.	6.3	62
3	Temperature sensitivity of decomposition in a peat profile. Soil Biology and Biochemistry, 2013, 67, 47-54.	8.8	38
4	Modelling impacts of forest bioenergy use on ecosystem sustainability: Lammi LTER region, southern Finland. Ecological Indicators, 2016, 65, 66-75.	6.3	31
5	Ecosystem Services Related to Carbon Cycling â€“ Modeling Present and Future Impacts in Boreal Forests. Frontiers in Plant Science, 2019, 10, 343.	3.6	31
6	Soil organic carbon dynamics of black locust plantations in the middle Loess Plateau area of China. Biogeosciences, 2013, 10, 7053-7063.	3.3	30
7	Effects of reindeer grazing and forestry on ground lichens in Finnish Lapland. Silva Fennica, 2014, 48, .	1.3	26
8	Indirect emissions of forest bioenergy: detailed modeling of stumpâ€root systems. GCB Bioenergy, 2014, 6, 777-784.	5.6	21
9	Modelling the impacts of intensifying forest management on carbon budget across a long latitudinal gradient in Europe. Environmental Research Letters, 2019, 14, 034012.	5.2	19
10	Developing a spatially explicit modelling and evaluation framework for integrated carbon sequestration and biodiversity conservation: Application in southern Finland. Science of the Total Environment, 2021, 775, 145847.	8.0	18
11	Ecosystem services of boreal forests â€“ Carbon budget mapping at high resolution. Journal of Environmental Management, 2016, 181, 498-514.	7.8	17
12	Changes in soil carbon stock predicted by a process-based soil carbon model (Yasso07) in the Yanhe watershed of the Loess Plateau. Landscape Ecology, 2015, 30, 399-413.	4.2	16
13	Dynamics of soil organic carbon stock in a typical catchment of the Loess Plateau: comparison of model simulations with measurements. Landscape Ecology, 2015, 30, 381-397.	4.2	15
14	Carbon budget of Finnish croplands â€” Effects of land use change from natural forest to cropland. Geoderma Regional, 2014, 2-3, 1-8.	2.1	9
15	Human appropriation of net primary production in Finland during 1990â€“2010. Biomass and Bioenergy, 2015, 83, 559-567.	5.7	9
16	Sources and sinks of greenhouse gases in the landscape: Approach for spatially explicit estimates. Science of the Total Environment, 2021, 781, 146668.	8.0	9
17	ESLab application to a boreal watershed in southern Finland: preparing for a virtual research environment of ecosystem services. Landscape Ecology, 2015, 30, 561-577.	4.2	8
18	Framework to Study the Effects of Climate Change on Vulnerability of Ecosystems and Societies: Case Study of Nitrates in Drinking Water in Southern Finland. Water (Switzerland), 2021, 13, 472.	2.7	3

#	Article	IF	Citations
19	Bridging mapping and simulation modelling in the ecosystem service assessments of boreal forests: effects of bioenergy production on carbon dynamics. Forest Ecosystems, 2021, 8, .	3.1	3