

Paavo Ojanen

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,042
citations

430843

18
h-index

477281

29
g-index

40
all docs

40
docs citations

40
times ranked

1135
citing authors

#	ARTICLE	IF	CITATIONS
1	Sources and sinks of greenhouse gases in the landscape: Approach for spatially explicit estimates. <i>Science of the Total Environment</i> , 2021, 781, 146668.	8.0	9
2	Nitrous oxide emissions of undrained, forestry-drained, and rewetted boreal peatlands. <i>Forest Ecology and Management</i> , 2020, 478, 118494.	3.2	34
3	Impact of partial harvest on CH ₄ and N ₂ O balances of a drained boreal peatland forest. <i>Agricultural and Forest Meteorology</i> , 2020, 295, 108168.	4.8	18
4	Vegetation controls of water and energy balance of a drained peatland forest: Responses to alternative harvesting practices. <i>Agricultural and Forest Meteorology</i> , 2020, 295, 108198.	4.8	31
5	Applying a Multi-Criteria Project Portfolio Tool in Selecting Energy Peat Production Areas. <i>Sustainability</i> , 2020, 12, 1705.	3.2	10
6	Rewetting Offers Rapid Climate Benefits for Tropical and Agricultural Peatlands But Not for Forestry-Drained Peatlands. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2019GB006503.	4.9	23
7	Cost-effective land-use options of drained peatlands – integrated biophysical-economic modeling approach. <i>Ecological Economics</i> , 2020, 175, 106704.	5.7	28
8	Metsätalouden vesistökuormitus: nykytila ja tulevaisuuden menetelmäkehitys. <i>Metstieteen Aikakauskirja</i> , 2020, 2020, .	0.0	2
9	Response of Soil Surface Respiration to Storm and Ips typographus (L.) Disturbance in Boreal Norway Spruce Stands. <i>Forests</i> , 2019, 10, 307.	2.1	7
10	Reviews and syntheses: Greenhouse gas exchange data from drained organic forest soils – a review of current approaches and recommendations for future research. <i>Biogeosciences</i> , 2019, 16, 4687-4703.	3.3	13
11	Trade-offs between economic returns, biodiversity, and ecosystem services in the selection of energy peat production sites. <i>Ecosystem Services</i> , 2019, 40, 101027.	5.4	15
12	Greenhouse gas and energy fluxes in a boreal peatland forest after clear-cutting. <i>Biogeosciences</i> , 2019, 16, 3703-3723.	3.3	39
13	Long-term effect of fertilization on the greenhouse gas exchange of low-productive peatland forests. <i>Forest Ecology and Management</i> , 2019, 432, 786-798.	3.2	17
14	Persistent carbon sink at a boreal drained bog forest. <i>Biogeosciences</i> , 2018, 15, 3603-3624.	3.3	47
15	Do logging residue piles trigger extra decomposition of soil organic matter?. <i>Forest Ecology and Management</i> , 2017, 405, 367-380.	3.2	20
16	Spatial modelling provides a novel tool for estimating the landscape level distribution of greenhouse gas balances. <i>Ecological Indicators</i> , 2017, 83, 380-389.	6.3	3
17	Estimating fine-root production by tree species and understorey functional groups in two contrasting peatland forests. <i>Plant and Soil</i> , 2017, 412, 299-316.	3.7	44
18	Methane exchange at the peatland forest floor – automatic chamber system exposes the dynamics of small fluxes. <i>Biogeosciences</i> , 2017, 14, 1947-1967.	3.3	24

#	ARTICLE	IF	CITATIONS
19	Modelling fine root biomass of boreal tree stands using site and stand variables. <i>Forest Ecology and Management</i> , 2016, 359, 361-369.	3.2	43
20	Nitrous oxide emission budgets and land-use-driven hotspots for organic soils in Europe. <i>Biogeosciences</i> , 2014, 11, 6595-6612.	3.3	68
21	Measurements of CO ₂ exchange with an automated chamber system throughout the year: challenges in measuring night-time respiration on porous peat soil. <i>Biogeosciences</i> , 2014, 11, 347-363.	3.3	54
22	Carbon stock changes of forest land in Finland under different levels of wood use and climate change. <i>Annals of Forest Science</i> , 2014, 71, 255-265.	2.0	41
23	Soil CO ₂ balance and its uncertainty in forestry-drained peatlands in Finland. <i>Forest Ecology and Management</i> , 2014, 325, 60-73.	3.2	31
24	The current greenhouse gas impact of forestry-drained boreal peatlands. <i>Forest Ecology and Management</i> , 2013, 289, 201-208.	3.2	94
25	Chamber measured soil respiration: A useful tool for estimating the carbon balance of peatland forest soils?. <i>Forest Ecology and Management</i> , 2012, 277, 132-140.	3.2	32
26	Greenhouse gas flux measurements in a forestry-drained peatland indicate a large carbon sink. <i>Biogeosciences</i> , 2011, 8, 3203-3218.	3.3	101
27	Forest floor photosynthesis and respiration in a drained peatland forest in southern Finland. <i>Plant Ecology and Diversity</i> , 2011, 4, 227-241.	2.4	14
28	Soil atmosphere CO ₂ , CH ₄ and N ₂ O fluxes in boreal forestry-drained peatlands. <i>Forest Ecology and Management</i> , 2010, 260, 411-421.	3.2	149
29	Soiden ennallistamisen suoluonto-, vesistö-, ja ilmastovaikutukset. Vertaisarvioitu raportti.. Suomen Luontopaneelin Julkaisuja, 0, , .	0.0	2