Olli Tahvonen

List of Publications by Year in descending order

67 papers	2,871 citations	147801 31 h-index	189892 50 g-index
67 all docs	67 docs citations	67 times ranked	1631 citing authors

#	Article	IF	Citations
1	Even-Aged and Uneven-Aged Forest Management in Boreal Fennoscandia: A Review. Ambio, 2012, 41, 720-737.	5.5	195
2	Economic growth and transitions between renewable and nonrenewable energy resources. European Economic Review, 2001, 45, 1379-1398.	2.3	183
3	Economic Growth, Pollution, and Renewable Resources. Journal of Environmental Economics and Management, 1993, 24, 101-118.	4.7	176
4	Optimal management of uneven-aged Norway spruce stands. Forest Ecology and Management, 2010, 260, 106-115.	3.2	116
5	Economics of harvesting age-structured fish populations. Journal of Environmental Economics and Management, 2009, 58, 281-299.	4.7	102
6	Can carbon tax eat OPEC's rents?. Journal of Environmental Economics and Management, 2004, 47, 1-12.	4.7	84
7	Optimal growth with renewable resources and pollution. European Economic Review, 1991, 35, 650-661.	2.3	78
8	OPTIMAL CHOICE BETWEEN EVENâ€•AND UNEVENâ€AGED FORESTRY. Natural Resource Modelling, 2009, 22, 289-321.	2.0	69
9	Nonconvexities in Optimal Pollution Accumulation. Journal of Environmental Economics and Management, 1996, 31, 160-177.	4.7	68
10	Optimal Harvesting of an Age-Structured Schooling Fishery. Environmental and Resource Economics, 2013, 54, 21-39.	3.2	68
11	Optimality of irreversible pollution accumulation. Journal of Economic Dynamics and Control, 1996, 20, 1775-1795.	1.6	63
12	On Equilibrium Cycles and Normal Forests in Optimal Harvesting of Tree Vintages. Journal of Environmental Economics and Management, 2002, 44, 1-22.	4.7	63
13	On the economics of forest vintages. Journal of Economic Dynamics and Control, 2003, 27, 1411-1435.	1.6	62
14	Carbon dioxide abatement as a differential game. European Journal of Political Economy, 1994, 10, 685-705.	1.8	60
15	Optimality of continuous cover vs. clear-cut regimes in managing forest resources. Canadian Journal of Forest Research, 2016, 46, 891-901.	1.7	59
16	Oligopoly equilibria in nonrenewable resource markets. Journal of Economic Dynamics and Control, 2001, 25, 671-702.	1.6	57
17	Optimizing the Harvest Timing in Continuous Cover Forestry. Environmental and Resource Economics, 2017, 67, 853-868.	3.2	53
18	Trade with Polluting Nonrenewable Resources. Journal of Environmental Economics and Management, 1996, 30, 1-17.	4.7	51

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19	Optimal Forest Rotation within SituPreferences. Journal of Environmental Economics and Management, 1999, 37, 106-128.	4.7	50
20	Assessing Social â€“ Ecological Trade-Offs to Advance Ecosystem-Based Fisheries Management. PLoS ONE, 2014, 9, e107811.	2.5	50
21	Optimal structure and development of uneven-aged Norway spruce forests. Canadian Journal of Forest Research, 2011, 41, 2389-2402.	1.7	49
22	On the economics of optimal timber production in boreal Scots pine stands. Canadian Journal of Forest Research, 2013, 43, 719-730.	1.7	48
23	Economics of rotation and thinning revisited: the optimality of clearcuts versus continuous cover forestry. Forest Policy and Economics, 2016, 62, 88-94.	3.4	45
24	The economics of timber and bioenergy production and carbon storage in Scots pine stands. Canadian Journal of Forest Research, 2014, 44, 1091-1102.	1.7	44
25	Economics of Forest Thinnings and Rotation Periods for Finnish Conifer Cultures. Scandinavian Journal of Forest Research, 2002, 17, 274-288.	1.4	43
26	Optimal Harvesting of Age-structured Fish Populations. Marine Resource Economics, 2009, 24, 147-169.	2.0	43
27	Economics of harvesting uneven-aged forest stands in Fennoscandia. Scandinavian Journal of Forest Research, 2014, 29, 777-792.	1.4	41
28	Optimal forest rotation and land values under a borrowing constraint. Journal of Economic Dynamics and Control, 2001, 25, 1595-1627.	1.6	38
29	OPTIMAL HARVESTING OF FOREST AGE CLASSES: A SURVEY OF SOME RECENT RESULTS. Mathematical Population Studies, 2004, 11, 205-232.	2.2	34
30	Applying a process-based model in Norway spruce management. Forest Ecology and Management, 2012, 265, 102-115.	3.2	34
31	Renewable Resources with Endogenous Age Classes and Allocation of Land. American Journal of Agricultural Economics, 2004, 86, 513-530.	4.3	33
32	On the economics of Norway spruce stands and carbon storage. Canadian Journal of Forest Research, 2013, 43, 637-648.	1.7	33
33	Economics of harvesting boreal uneven-aged mixed-species forests. Canadian Journal of Forest Research, 2015, 45, 1102-1112.	1.7	33
34	Optimal carbon storage in even- and uneven-aged forestry. Forest Policy and Economics, 2018, 87, 93-100.	3.4	33
35	Using Choice Experiments to Value the Natura 2000 Nature Conservation Programs in Finland. Environmental and Resource Economics, 2004, 29, 361-374.	3.2	32
36	Harvesting selectivity and stochastic recruitment in economic models of age-structured fisheries. Journal of Environmental Economics and Management, 2018, 92, 659-676.	4.7	32

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37	HARVESTING AN AGEâ€STRUCTURED POPULATION AS BIOMASS: DOES IT WORK?. Natural Resource Modelling, 2008, 21, 525-550.	2.0	31
38	Economics of boreal conifer species in continuous cover and rotation forestry. Forest Policy and Economics, 2019, 100, 55-67.	3.4	31
39	Maximum Sustained Yield, Forest Rent or Faustmann: Does it Really Matter?. Scandinavian Journal of Forest Research, 2003, 18, 457-469.	1.4	30
40	Effects of initial stand states on optimal thinning regime and rotation ofPicea abiesstands. Scandinavian Journal of Forest Research, 2006, 21, 388-398.	1.4	30
41	Dynamics of pollution control when damage is sensitive to the rate of pollution accumulation. Environmental and Resource Economics, 1995, 5, 9-27.	3.2	29
42	Temperature change and Baltic sprat: from observations to ecological-economic modelling. ICES Journal of Marine Science, 2011, 68, 1244-1256.	2.5	28
43	Optimal management of naturally regenerating uneven-aged forests. European Journal of Operational Research, 2017, 256, 886-900.	5.7	28
44	It is the economy, stupid! Projecting the fate of fish populations using ecologicalâ€“economic modeling. Global Change Biology, 2016, 22, 264-270.	9.5	26
45	Economics of size-structured forestry with carbon storage. Canadian Journal of Forest Research, 2018, 48, 11-22.	1.7	25
46	Willingness to pay in different policy-planning methods: insights into respondentsâ€™ decision-making processes. Ecological Economics, 2002, 40, 295-311.	5.7	24
47	Net national emissions, CO2 taxation and the role of forestry. Resources and Energy Economics, 1995, 17, 307-315.	2.5	23
48	Reindeer management and winter pastures in the presence of supplementary feeding and government subsidies. Ecological Modelling, 2015, 312, 256-271.	2.5	23
49	Bequests, Credit Rationing and in situ Values in the Faustmann-Pressler-Ohlin Forestry Model. Scandinavian Journal of Economics, 1998, 100, 781-800.	1.4	21
50	Timber production versus old-growth preservation with endogenous prices and forest age-classes. Canadian Journal of Forest Research, 2004, 34, 1296-1310.	1.7	21
51	A Finnish - Soviet Acid Rain Game: Noncooperative Equilibria, Cost Efficiency, and Sulfur Agreements. Journal of Environmental Economics and Management, 1993, 24, 87-100.	4.7	20
52	Economics of forest carbon storage and the additionality principle. Resources and Energy Economics, 2017, 50, 124-134.	2.5	20
53	Optimal harvesting of an age-structured, two-sex herbivoreâ€“plant system. Ecological Modelling, 2014, 272, 348-361.	2.5	19
54	Optimizing continuous cover and rotation forestry in mixed-species boreal forests. Canadian Journal of Forest Research, 2020, 50, 1138-1151.	1.7	19

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55	International CO2 taxation and the dynamics of fossil fuel markets. International Tax and Public Finance, 1995, 2, 261-278.	1.0	18
56	Reinforcement learning in optimizing forest management. Canadian Journal of Forest Research, 2021, 51, 1393-1409.	1.7	18
57	Optimal Carbon Storage in Mixed-Species Size-Structured Forests. Environmental and Resource Economics, 2021, 79, 249-275.	3.2	14
58	Economics of mixed-species forestry with ecosystem services. Canadian Journal of Forest Research, 2019, 49, 1219-1232.	1.7	12
59	Parameterization and validation of an ungulateâ€pasture model. Ecology and Evolution, 2017, 7, 8282-8302.	1.9	10
60	Economics of multifunctional forestry in the SÃ¡mi people homeland region. Journal of Environmental Economics and Management, 2021, 110, 102542.	4.7	10
61	Predation costs and compensations in reindeer husbandry. Wildlife Biology, 2020, 2020, 1-14.	1.4	7
62	Strategic Harvesting of Age-Structured Populations. Marine Resource Economics, 2019, 34, 291-309.	2.0	6
63	Optimal Growth with Stock Pollution. Contributions To Economic Analysis, 1991, 206, 47-60.	0.1	2
64	Metsien hoito jatkuvapeitteisenÃ: katsaus taloudelliseen tutkimukseen. Suomen Luontopaneelin Julkaisuja, 0, , .	0.0	2
65	Optimal Continuous Cover Forest Management with a Lower Bound Constraint on Dead Wood. Forest Science, 2020, 66, 202-209.	1.0	1
66	What Drives the Number of Semi-domesticated Reindeer? Pasture Dynamics and Economic Incentives in Fennoscandian Reindeer Husbandry. Springer Polar Sciences, 2021, , 249-270.	0.1	1
67	Jatkuvapeitteisen metsÃnkÃsittelyn ympÃristÃ¶- ja talousvaikutukset: Raportin yhteenveto. Suomen Luontopaneelin Julkaisuja, 0, , .	0.0	0