# Olli Tahvonen

## List of Publications by Year in descending order



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|---|---|---|---|
| 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 | Reinforcement learning in optimizing forest management. Canadian Journal of Forest Research, 2021, 51, 1393-1409. | 1.7 | 18 |
| 2 | Optimal Carbon Storage in Mixed-Species Size-Structured Forests. Environmental and Resource Economics, 2021, 79, 249-275. | 3.2 | 14 |
| 3 | Economics of multifunctional forestry in the SÃ¡mi people homeland region. Journal of Environmental Economics and Management, 2021, 110, 102542. | 4.7 | 10 |
| 4 | 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 |
| 5 | Optimizing continuous cover and rotation forestry in mixed-species boreal forests. Canadian Journal of Forest Research, 2020, 50, 1138-1151. | 1.7 | 19 |
| 6 | Optimal Continuous Cover Forest Management with a Lower Bound Constraint on Dead Wood. Forest Science, 2020, 66, 202-209. | 1.0 | 1 |
| 7 | Predation costs and compensations in reindeer husbandry. Wildlife Biology, 2020, 2020, 1-14. | 1.4 | 7 |
| 8 | Strategic Harvesting of Age-Structured Populations. Marine Resource Economics, 2019, 34, 291-309. | 2.0 | 6 |
| 9 | Economics of mixed-species forestry with ecosystem services. Canadian Journal of Forest Research, 2019, 49, 1219-1232. | 1.7 | 12 |
| 10 | Economics of boreal conifer species in continuous cover and rotation forestry. Forest Policy and Economics, 2019, 100, 55-67. | 3.4 | 31 |
| 11 | Economics of size-structured forestry with carbon storage. Canadian Journal of Forest Research, 2018, 48, 11-22. | 1.7 | 25 |
| 12 | 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 |
| 13 | Optimal carbon storage in even- and uneven-aged forestry. Forest Policy and Economics, 2018, 87, 93-100. | 3.4 | 33 |
| 14 | Optimizing the Harvest Timing in Continuous Cover Forestry. Environmental and Resource Economics, 2017, 67, 853-868. | 3.2 | 53 |
| 15 | Parameterization and validation of an ungulateâ€pasture model. Ecology and Evolution, 2017, 7, 8282-8302. | 1.9 | 10 |
| 16 | Economics of forest carbon storage and the additionality principle. Resources and Energy Economics, 2017, 50, 124-134. | 2.5 | 20 |
| 17 | Optimal management of naturally regenerating uneven-aged forests. European Journal of Operational Research, 2017, 256, 886-900. | 5.7 | 28 |
| 18 | Optimality of continuous cover vs. clear-cut regimes in managing forest resources. Canadian Journal of Forest Research, 2016, 46, 891-901. | 1.7 | 59 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | 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 |
| 21 | Economics of harvesting boreal uneven-aged mixed-species forests. Canadian Journal of Forest Research, 2015, 45, 1102-1112. | 1.7 | 33 |
| 22 | Reindeer management and winter pastures in the presence of supplementary feeding and government subsidies. Ecological Modelling, 2015, 312, 256-271. | 2.5 | 23 |
| 23 | Assessing Social â€“ Ecological Trade-Offs to Advance Ecosystem-Based Fisheries Management. PLoS ONE, 2014, 9, e107811. | 2.5 | 50 |
| 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 harvesting uneven-aged forest stands in Fennoscandia. Scandinavian Journal of Forest Research, 2014, 29, 777-792. | 1.4 | 41 |
| 26 | Optimal harvesting of an age-structured, two-sex herbivoreâ€“plant system. Ecological Modelling, 2014, 272, 348-361. | 2.5 | 19 |
| 27 | On the economics of optimal timber production in boreal Scots pine stands. Canadian Journal of Forest Research, 2013, 43, 719-730. | 1.7 | 48 |
| 28 | On the economics of Norway spruce stands and carbon storage. Canadian Journal of Forest Research, 2013, 43, 637-648. | 1.7 | 33 |
| 29 | Optimal Harvesting of an Age-Structured Schooling Fishery. Environmental and Resource Economics, 2013, 54, 21-39. | 3.2 | 68 |
| 30 | Even-Aged and Uneven-Aged Forest Management in Boreal Fennoscandia: A Review. Ambio, 2012, 41, 720-737. | 5.5 | 195 |
| 31 | Applying a process-based model in Norway spruce management. Forest Ecology and Management, 2012, 265, 102-115. | 3.2 | 34 |
| 32 | Optimal structure and development of uneven-aged Norway spruce forests. Canadian Journal of Forest Research, 2011, 41, 2389-2402. | 1.7 | 49 |
| 33 | Temperature change and Baltic sprat: from observations to ecological-economic modelling. ICES Journal of Marine Science, 2011, 68, 1244-1256. | 2.5 | 28 |
| 34 | Optimal management of uneven-aged Norway spruce stands. Forest Ecology and Management, 2010, 260, 106-115. | 3.2 | 116 |
| 35 | OPTIMAL CHOICE BETWEEN EVENâ€•AND UNEVENâ€AGED FORESTRY. Natural Resource Modelling, 2009, 22, 289-321. | 2.0 | 69 |
| 36 | Economics of harvesting age-structured fish populations. Journal of Environmental Economics and Management, 2009, 58, 281-299. | 4.7 | 102 |

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| 37 | Optimal Harvesting of Age-structured Fish Populations. Marine Resource Economics, 2009, 24, 147-169. | 2.0 | 43 |
| 38 | HARVESTING AN AGEâ€STRUCTURED POPULATION AS BIOMASS: DOES IT WORK?. Natural Resource Modelling, 2008, 21, 525-550. | 2.0 | 31 |
| 39 | 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 |
| 40 | Renewable Resources with Endogenous Age Classes and Allocation of Land. American Journal of Agricultural Economics, 2004, 86, 513-530. | 4.3 | 33 |
| 41 | Using Choice Experiments to Value the Natura 2000 Nature Conservation Programs in Finland. Environmental and Resource Economics, 2004, 29, 361-374. | 3.2 | 32 |
| 42 | OPTIMAL HARVESTING OF FOREST AGE CLASSES: A SURVEY OF SOME RECENT RESULTS. Mathematical Population Studies, 2004, 11, 205-232. | 2.2 | 34 |
| 43 | 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 |
| 44 | Can carbon tax eat OPEC's rents?. Journal of Environmental Economics and Management, 2004, 47, 1-12. | 4.7 | 84 |
| 45 | On the economics of forest vintages. Journal of Economic Dynamics and Control, 2003, 27, 1411-1435. | 1.6 | 62 |
| 46 | Maximum Sustained Yield, Forest Rent or Faustmann: Does it Really Matter?. Scandinavian Journal of Forest Research, 2003, 18, 457-469. | 1.4 | 30 |
| 47 | 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 |
| 48 | Economics of Forest Thinnings and Rotation Periods for Finnish Conifer Cultures. Scandinavian Journal of Forest Research, 2002, 17, 274-288. | 1.4 | 43 |
| 49 | Willingness to pay in different policy-planning methods: insights into respondentsâ€™ decision-making processes. Ecological Economics, 2002, 40, 295-311. | 5.7 | 24 |
| 50 | Economic growth and transitions between renewable and nonrenewable energy resources. European Economic Review, 2001, 45, 1379-1398. | 2.3 | 183 |
| 51 | Oligopoly equilibria in nonrenewable resource markets. Journal of Economic Dynamics and Control, 2001, 25, 671-702. | 1.6 | 57 |
| 52 | Optimal forest rotation and land values under a borrowing constraint. Journal of Economic Dynamics and Control, 2001, 25, 1595-1627. | 1.6 | 38 |
| 53 | Optimal Forest Rotation within SituPreferences. Journal of Environmental Economics and Management, 1999, 37, 106-128. | 4.7 | 50 |
| 54 | 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 |

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|---|---|---|---|
| 55 | Trade with Polluting Nonrenewable Resources. Journal of Environmental Economics and Management, 1996, 30, 1-17. | 4.7 | 51 |
| 56 | Nonconvexities in Optimal Pollution Accumulation. Journal of Environmental Economics and Management, 1996, 31, 160-177. | 4.7 | 68 |
| 57 | Optimality of irreversible pollution accumulation. Journal of Economic Dynamics and Control, 1996, 20, 1775-1795. | 1.6 | 63 |
| 58 | International CO2 taxation and the dynamics of fossil fuel markets. International Tax and Public Finance, 1995, 2, 261-278. | 1.0 | 18 |
| 59 | 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 |
| 60 | Net national emissions, CO2 taxation and the role of forestry. Resources and Energy Economics, 1995, 17, 307-315. | 2.5 | 23 |
| 61 | Carbon dioxide abatement as a differential game. European Journal of Political Economy, 1994, 10, 685-705. | 1.8 | 60 |
| 62 | 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 |
| 63 | Economic Growth, Pollution, and Renewable Resources. Journal of Environmental Economics and Management, 1993, 24, 101-118. | 4.7 | 176 |
| 64 | Optimal growth with renewable resources and pollution. European Economic Review, 1991, 35, 650-661. | 2.3 | 78 |
| 65 | Optimal Growth with Stock Pollution. Contributions To Economic Analysis, 1991, 206, 47-60. | 0.1 | 2 |
| 66 | Metsien hoito jatkuvapeitteisenÃ: katsaus taloudelliseen tutkimukseen. Suomen Luontopaneelin Julkaisuja, 0, , . | 0.0 | 2 |
| 67 | Jatkuvapeitteisen metsÃnkÃsittelyn ympÃristÃ¶- ja talousvaikutukset: Raportin yhteenveto. Suomen Luontopaneelin Julkaisuja, 0, , . | 0.0 | 0 |