

# Jarkko K Niemi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6962626/publications.pdf>

Version: 2024-02-01

82  
papers

1,223  
citations

361413

20  
h-index

414414

32  
g-index

83  
all docs

83  
docs citations

83  
times ranked

1091  
citing authors

#	ARTICLE	IF	CITATIONS
1	Injurious tail biting in pigs: how can it be controlled in existing systems without tail docking?. <i>Animal</i> , 2014, 8, 1479-1497.	3.3	139
2	A Systematic Review on Commercially Available and Validated Sensor Technologies for Welfare Assessment of Dairy Cattle. <i>Frontiers in Veterinary Science</i> , 2021, 8, 634338.	2.2	81
3	Tail biting and production performance in fattening pigs. <i>Livestock Science</i> , 2012, 143, 220-225.	1.6	80
4	Why are most EU pigs tail docked? Economic and ethical analysis of four pig housing and management scenarios in the light of EU legislation and animal welfare outcomes. <i>Animal</i> , 2016, 10, 687-699.	3.3	69
5	The value of precision feeding technologies for growâ€“finish swine. <i>Livestock Science</i> , 2010, 129, 13-23.	1.6	68
6	A Systematic Review on Validated Precision Livestock Farming Technologies for Pig Production and Its Potential to Assess Animal Welfare. <i>Frontiers in Veterinary Science</i> , 2021, 8, 660565.	2.2	60
7	Consumer attitudes towards production diseases in intensive production systems. <i>PLoS ONE</i> , 2019, 14, e0210432.	2.5	49
8	Risk factors for poor health and performance in European broiler production systems. <i>BMC Veterinary Research</i> , 2020, 16, 287.	1.9	35
9	Adaptive optimization of crop production and nitrogen leaching abatement under yield uncertainty. <i>Agricultural Systems</i> , 2011, 104, 634-644.	6.1	34
10	Assessment of the value of information of precision livestock farming: A conceptual framework. <i>Njas - Wageningen Journal of Life Sciences</i> , 2019, 90-91, 1-9.	7.7	33
11	High biosecurity and welfare standards in fattening pig farms are associated with reduced antimicrobial use. <i>Animal</i> , 2020, 14, 2178-2186.	3.3	33
12	Modeling the Costs of Postpartum Dysgalactia Syndrome and Locomotory Disorders on Sow Productivity and Replacement. <i>Frontiers in Veterinary Science</i> , 2017, 4, 181.	2.2	32
13	Protein crop production at the northern margin of farming: to boost or not to boost. <i>Agricultural and Food Science</i> , 2012, 21, 370-383.	0.9	31
14	A review of the financial impact of production diseases in poultry production systems. <i>Animal Production Science</i> , 2019, 59, 1585.	1.3	27
15	An optimization framework for addressing aquatic invasive species. <i>Ecological Economics</i> , 2013, 91, 69-79.	5.7	26
16	Factors associated with specific health, welfare and reproductive performance indicators in pig herds from five EU countries. <i>Preventive Veterinary Medicine</i> , 2018, 159, 106-114.	1.9	26
17	Carcass and meat quality traits of four different pig crosses. <i>Meat Science</i> , 2012, 90, 543-547.	5.5	25
18	Financial Analysis of Herd Status and Vaccination Practices for Porcine Reproductive and Respiratory Syndrome Virus, Swine Influenza Virus, and <i>Mycoplasma hyopneumoniae</i> in Farrow-to-Finish Pig Farms Using a Bio-Economic Simulation Model. <i>Frontiers in Veterinary Science</i> , 2020, 7, 556674.	2.2	25

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19	Impacts of African Swine Fever on Pigmeat Markets in Europe. <i>Frontiers in Veterinary Science</i> , 2020, 7, 634.	2.2	23
20	Farm characteristics and perceptions regarding costs contribute to the adoption of biosecurity in Finnish pig and cattle farms. <i>Review of Agricultural Food and Environmental Studies</i> , 2016, 97, 215-223.	0.7	21
21	A value chain analysis of interventions to control production diseases in the intensive pig production sector. <i>PLoS ONE</i> , 2020, 15, e0231338.	2.5	20
22	Potential and realities of enhancing rapeseed- and grain legume-based protein production in a northern climate. <i>Journal of Agricultural Science</i> , 2013, 151, 303-321.	1.3	19
23	Economic value of mitigating <i>Actinobacillus pleuropneumoniae</i> infections in pig fattening herds. <i>Agricultural Systems</i> , 2016, 144, 113-121.	6.1	18
24	A dynamic programming model for optimising feeding and slaughter decisions regarding fattening pigs. <i>Agricultural and Food Science</i> , 2006, 15, 121.	0.9	18
25	Modelling pig sector dynamic adjustment to livestock epidemics with stochastic-duration trade disruptions. <i>European Review of Agricultural Economics</i> , 2011, 38, 529-551.	3.1	16
26	Consumer Perceptions of Precision Livestock Farming – A Qualitative Study in Three European Countries. <i>Animals</i> , 2021, 11, 1221.	2.3	16
27	Simulated financial losses of classical swine fever epidemics in the Finnish pig production sector. <i>Preventive Veterinary Medicine</i> , 2008, 84, 194-212.	1.9	14
28	Entrepreneurial identity and farmers' protein crop cultivation choices. <i>Journal of Rural Studies</i> , 2020, 75, 174-184.	4.7	14
29	Cost-Effectiveness Analysis of Seven Measures to Reduce Tail Biting Lesions in Fattening Pigs. <i>Frontiers in Veterinary Science</i> , 2021, 8, 682330.	2.2	14
30	Do farmers rapidly adapt to past growing conditions by sowing different proportions of early and late maturing cereals and cultivars?. <i>Agricultural and Food Science</i> , 2013, 22, 331-341.	0.9	13
31	Comparison of 12 Different Animal Welfare Labeling Schemes in the Pig Sector. <i>Animals</i> , 2021, 11, 2430.	2.3	11
32	The Determinants of Technical Efficiency of Hazelnut Production in Azerbaijan: An Analysis of the Role of NGOs. <i>Sustainability</i> , 2019, 11, 4332.	3.2	10
33	Trade-offs between Catastrophic Assistance and Subsidized Insurance in European Agriculture. <i>Outlook on Agriculture</i> , 2013, 42, 225-231.	3.4	9
34	Salmonella Control Programme of Pig Feeds Is Financially Beneficial in Finland. <i>Frontiers in Veterinary Science</i> , 2019, 6, 200.	2.2	8
35	Description, evaluation, and validation of the Teagasc Pig Production Model1. <i>Journal of Animal Science</i> , 2019, 97, 2803-2821.	0.5	8
36	How Far Are We From Data-Driven and Animal-Based Welfare Assessment? A Critical Analysis of European Quality Schemes. <i>Frontiers in Animal Science</i> , 2022, 3, .	1.9	8

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37	The economic and environmental value of genetic improvements in fattening pigs: An integrated dynamic model approach <sup>1</sup> . <i>Journal of Animal Science</i> , 2015, 93, 4161-4171.	0.5	7
38	A bio-economic simulation study on the association between key performance indicators and pluck lesions in Irish farrow-to-finish pig farms. <i>Porcine Health Management</i> , 2020, 6, 40.	2.6	7
39	The Productivity and Financial Impacts of Eight Types of Environmental Enrichment for Broiler Chickens. <i>Animals</i> , 2020, 10, 378.	2.3	7
40	Biosecurity levels of pig fattening farms from four EU countries and links with the farm characteristics. <i>Livestock Science</i> , 2020, 237, 104037.	1.6	7
41	The economic impact of a new animal disease: same effects in developed and developing countries?. <i>OIE Revue Scientifique Et Technique</i> , 2017, 36, 115-124.	1.2	7
42	Effects of an animal disease shock on meat markets and producer income. <i>Acta Agriculturae Scandinavica Section C: Food Economics</i> , 2006, 3, 138-150.	0.1	6
43	The unequal efficiency gap: Key factors influencing women farmer's efficiency in Uganda. <i>Cogent Food and Agriculture</i> , 2018, 4, 1551750.	1.4	6
44	Money talks: Customer-initiated price negotiation in business-to-business sales interaction. <i>Discourse and Communication</i> , 2019, 13, 95-118.	1.7	6
45	On the Use of Agricultural System Models for Exploring Technological Innovations Across Scales in Africa: A Critical Review. <i>SSRN Electronic Journal</i> , 0, , .	0.4	5
46	HÄnnÄnpurenta ä€“ syy vai seuraus?. <i>Suomen Maataloustieteellisen Seuran Tiedote</i> , 2012, , 1-5.	0.0	5
47	Impact of risk aversion and disease outbreak characteristics on the incentives of producers as a group to participate in animal disease insuranceÄ“ A simulation. <i>Preventive Veterinary Medicine</i> , 2011, 100, 4-14.	1.9	4
48	Status Report on Education in the Economics of Animal Health: Results from a European Survey. <i>Journal of Veterinary Medical Education</i> , 2015, 42, 36-44.	0.6	4
49	How Does Locally Produced Feed Affect the Chemical Composition of Reared House Crickets ( <i>Acheta domestica</i> )?. <i>ACS Food Science &amp; Technology</i> , 2021, 1, 625-635.	2.7	4
50	Hog producer income losses under contagious animal disease restrictions. <i>Acta Agriculturae Scandinavica Section C: Food Economics</i> , 2004, 1, 185-194.	0.1	3
51	Europe Needs Consistent Teaching of the Economics of Animal Health. <i>EuroChoices</i> , 2016, 15, 42-49.	1.7	2
52	Animal welfare and farm economics: an analysis of costs and benefits.. , 2020, , 98-116.		2
53	Economic feasibility of interventions targeted at decreasing piglet perinatal and pre-weaning mortality across European countries. <i>Porcine Health Management</i> , 2022, 8, .	2.6	2
54	Anything left for animal disease insurance? A choice experiment approach. <i>Review of Agricultural Food and Environmental Studies</i> , 2016, 97, 237-249.	0.7	1

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55	Land use response to agricultural policy and market movement on Finnish dairy-farms. <i>Agricultural and Food Science</i> , 2001, 10, 285-294.	0.9	1
56	Kotieläintalouden rakennemuutos â€“ millainen tila jatkaa ja missä? <i>Suomen Maataloustieteellisen Seuran Tiedote</i> , 2012, , 1-7.	0.0	1
57	Lihaskojen hÄnnÄnpurenta on sikapaikan tuottoa laskeva monisyinen ongelma. <i>Suomen Maataloustieteellisen Seuran Tiedote</i> , 2010, , 1-6.	0.0	1
58	KuluttajanÄkÄ¶kulumia elÄinten hyvinvointimerkin kehittÄmiseen. <i>Suomen Maataloustieteellisen Seuran Tiedote</i> , 2020, , .	0.0	1
59	Optimal renewal interval for malting barley seed. <i>Journal of Agricultural Science</i> , 2016, 154, 1062-1067.	1.3	0
60	The economic cost of bacterial infections. , 2021, , 1-23.		0
61	Kuka hyÄ¶tyisi sikatilojen tautiriskiluokittelusta? <i>Suomen Maataloustieteellisen Seuran Tiedote</i> , 2010, , 1-7.	0.0	0
62	Riskiperusteiset maksut elÄintautivahinkojen rahoituksessa. <i>Suomen Maataloustieteellisen Seuran Tiedote</i> , 2010, , 1-7.	0.0	0
63	Tartuntatauti epidemian koko, kesto ja vÄilliset vaikutukset ratkaisevat taloudelliset menetykset. <i>Suomen Maataloustieteellisen Seuran Tiedote</i> , 2010, , 1-5.	0.0	0
64	Lihaskalassa kiinnitettÄvÄ huomiota porsaserÄn laatuun ja sikalan tyhjennystapaan. <i>Suomen Maataloustieteellisen Seuran Tiedote</i> , 2010, , 1-6.	0.0	0
65	Organic Acids in Pig Diets. <i>Recent Advances in Animal Nutrition</i> , 2010, 2009, 257-285.	0.1	0
66	Potentiaali ja realiteetit kotimaisen valkuaisuutannon lisÄÄmiseksi nyt ja tulevaisuudessa. <i>Suomen Maataloustieteellisen Seuran Tiedote</i> , 2012, , 1-5.	0.0	0
67	Jaetusta lannoituksesta keino typen vesistÄ¶kuormituksen hillitsemiseksi? <i>Suomen Maataloustieteellisen Seuran Tiedote</i> , 2012, , 1-5.	0.0	0
68	Onko elÄintautivakuutuksille kysyntÄÄ? <i>Suomen Maataloustieteellisen Seuran Tiedote</i> , 2012, , 1-7.	0.0	0
69	Porsasvaiheen ripulihavaintojen yhteys lihasikojen kasvuun ja teurasominaisuuksiin. <i>Suomen Maataloustieteellisen Seuran Tiedote</i> , 2012, , 1-3.	0.0	0
70	Kotimaisen valkuaisen kÄytÄ¶n taloudelliset edellytykset lihasian ruokinnassa. <i>Suomen Maataloustieteellisen Seuran Tiedote</i> , 2012, , 1-7.	0.0	0
71	Valkuaisruokinnan tasojen vaikutukset immunokastroitujen karjujen tuotantotuloksiin. <i>Suomen Maataloustieteellisen Seuran Tiedote</i> , 2014, , 1-6.	0.0	0
72	Uuden valkuaisarvojärjestelmÄn toimivuus kolmirotulihasioilla. <i>Suomen Maataloustieteellisen Seuran Tiedote</i> , 2016, , 1-6.	0.0	0

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73	Afrikkalaisen sikaruton taudinpurkauksen simuloitujen taloudellisten vaikutusten tutkimus Suomessa. Suomen Maataloustieteellisen Seuran Tiedote, 2016, , 1-7.	0.0	0
74	Simulated impacts of weather variability on seasonally moving pastoral livestock in northern Senegal. Suomen Maataloustieteellisen Seuran Tiedote, 2016, , 1-7.	0.0	0
75	Hyvänteiskasvatuksen edistäminen Etelä-Pohjanmaalla (ENTOLAB) -kokemuksia ja tuloksia hankkeesta. Suomen Maataloustieteellisen Seuran Tiedote, 2020, , .	0.0	0
76	Eläinten hyvinvointimerkin mahdollisuudet arvoketjun näkökulmasta. Suomen Maataloustieteellisen Seuran Tiedote, 2020, , .	0.0	0
77	Eläinten hyvinvointimerkin tuottojen jakautumisen vaihtoehdot. Suomen Maataloustieteellisen Seuran Tiedote, 2020, , .	0.0	0
78	Ulkomaiset eläinten hyvinvointimerkit tarkastelussa. Suomen Maataloustieteellisen Seuran Tiedote, 2020, , .	0.0	0
79	Korkeatuottoisten emakoiden kuitupitoinen ruokinta. Suomen Maataloustieteellisen Seuran Tiedote, 2020, , .	0.0	0
80	Eläinten hyvinvointia edistävät toimet hyvinvointimerkin takana. Suomen Maataloustieteellisen Seuran Tiedote, 2020, , .	0.0	0
81	Kotimaista valkuaisomavaraisuutta ja ympäristöä tukeva välikasvatusporsaiden ruokinta. Suomen Maataloustieteellisen Seuran Tiedote, 2020, , .	0.0	0
82	ORGANIC ACIDS IN PIG DIETS. , 0, , 257-286.		0