

Johannes Charlier

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

4,190
citations

100601

38
h-index

139680

61
g-index

99
all docs

99
docs citations

99
times ranked

2953
citing authors

#	ARTICLE	IF	CITATIONS
1	Gastrointestinal Nematode Infections in Adult Dairy Cattle. , 2022, , 297-302.		0
2	Anthelmintic resistance in ruminants: challenges and solutions. <i>Advances in Parasitology</i> , 2022, 115, 171-227.	1.4	46
3	Confounding factors affecting faecal egg count reduction as a measure of anthelmintic efficacy. <i>Parasite</i> , 2022, 29, 20.	0.8	19
4	Use of agro-industrial by-products containing tannins for the integrated control of gastrointestinal nematodes in ruminants. <i>Parasite</i> , 2022, 29, 10.	0.8	14
5	Construction of generic roadmaps for the strategic coordination of global research into infectious diseases of animals and zoonoses. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 1513-1520.	1.3	8
6	Resistance of strongylid nematodes to anthelmintic drugs and driving factors at Czech goat farms. <i>BMC Veterinary Research</i> , 2021, 17, 106.	0.7	9
7	Risk factors for lungworm-associated milk yield losses in grazing dairy cattle. <i>Veterinary Parasitology</i> , 2021, 292, 109414.	0.7	3
8	Quantifying the Interrelationship between Livestock Infections and Climate Change: Response to Ezenwa et al.. <i>Trends in Ecology and Evolution</i> , 2021, 36, 576-577.	4.2	4
9	Initial assessment of the economic burden of major parasitic helminth infections to the ruminant livestock industry in Europe. <i>Preventive Veterinary Medicine</i> , 2020, 182, 105103.	0.7	176
10	Increasing importance of anthelmintic resistance in European livestock: creation and meta-analysis of an open database. <i>Parasite</i> , 2020, 27, 69.	0.8	110
11	Association between <i>Dictyocaulus viviparus</i> bulk tank milk antibody levels and farmer-reported lungworm outbreaks. <i>Veterinary Parasitology</i> , 2020, 288, 109280.	0.7	5
12	GLOWORM-PARA: a flexible framework to simulate the population dynamics of the parasitic phase of gastrointestinal nematodes infecting grazing livestock. <i>International Journal for Parasitology</i> , 2020, 50, 133-144.	1.3	9
13	Biology and Epidemiology of Gastrointestinal Nematodes in Cattle. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2020, 36, 1-15.	0.5	35
14	A Qualitative Market Analysis Applied to Mini-FLOTAC and Fill-FLOTAC for Diagnosis of Helminth Infections in Ruminants. <i>Frontiers in Veterinary Science</i> , 2020, 7, 580649.	0.9	6
15	Assessment of anthelmintic efficacy against cattle gastrointestinal nematodes in western France and southern Italy. <i>Journal of Helminthology</i> , 2020, 94, e125.	0.4	4
16	Rapid assessment of faecal egg count and faecal egg count reduction through composite sampling in cattle. <i>Parasites and Vectors</i> , 2019, 12, 353.	1.0	16
17	100 Questions in Livestock Helminthology Research. <i>Trends in Parasitology</i> , 2019, 35, 52-71.	1.5	54
18	Beliefs, intentions, and beyond: A qualitative study on the adoption of sustainable gastrointestinal nematode control practices in Flanders's dairy industry. <i>Preventive Veterinary Medicine</i> , 2018, 153, 15-23.	0.7	25

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19	Control of helminth ruminant infections by 2030. <i>Parasitology</i> , 2018, 145, 1655-1664.	0.7	97
20	Mind the gaps in research on the control of gastrointestinal nematodes of farmed ruminants and pigs. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 217-234.	1.3	68
21	Risk factors for the presence of <i>Fasciola hepatica</i> antibodies in bulk-milk samples and their association with milk production decreases, in Cuban dairy cattle. <i>BMC Veterinary Research</i> , 2018, 14, 336.	0.7	10
22	Farmer Behavior and Gastrointestinal Nematodes in Ruminant Livestock – Uptake of Sustainable Control Approaches. <i>Frontiers in Veterinary Science</i> , 2018, 5, 255.	0.9	50
23	DISCONTTOOLS supplement: Current research gaps for advancing control of infectious diseases in production animals. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 5-8.	1.3	10
24	<i>Fasciola</i> and fasciolosis in ruminants in Europe: Identifying research needs. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 199-216.	1.3	126
25	Effects of anthelmintic treatment and feed supplementation on parasite infections and morbidity parameters in Cambodian cattle. <i>Veterinary Parasitology</i> , 2017, 235, 113-122.	0.7	0
26	Economic modelling of grazing management against gastrointestinal nematodes in dairy cattle. <i>Veterinary Parasitology</i> , 2017, 236, 68-75.	0.7	8
27	A multi-country study to assess the effect of a treatment with moxidectin pour-on during the dry period on milk production in dairy cows. <i>Veterinary Parasitology</i> , 2017, 237, 104-109.	0.7	3
28	Economic assessment of <i>Ostertagia ostertagi</i> and <i>Fasciola hepatica</i> infections in dairy cattle herds in Germany using Paracalc A®. <i>Veterinary Parasitology</i> , 2017, 240, 39-48.	0.7	23
29	How Advanced Efficiency Techniques Can Support Production Disease Control Decisions on Dairy Farms. <i>EuroChoices</i> , 2017, 16, 47-53.	0.6	2
30	Gastrointestinal Nematode Infections in Adult Dairy Cattle. , 2016, , .		1
31	Antibodies against <i>Dictyocaulus viviparus</i> major sperm protein in bulk tank milk: Association with clinical appearance, herd management and milk production. <i>Veterinary Parasitology</i> , 2016, 232, 36-42.	0.7	18
32	DISCONTTOOLS: a database to identify research gaps on vaccines, pharmaceuticals and diagnostics for the control of infectious diseases of animals. <i>BMC Veterinary Research</i> , 2016, 13, 1.	0.7	101
33	Pooling sheep faecal samples for the assessment of anthelmintic drug efficacy using McMaster and Mini-FLOTAC in gastrointestinal strongyle and <i>Nematodirus</i> infection. <i>Veterinary Parasitology</i> , 2016, 225, 53-60.	0.7	25
34	Modelling <i>Cooperia oncophora</i> : Quantification of key parameters in the parasitic phase. <i>Veterinary Parasitology</i> , 2016, 223, 111-114.	0.7	15
35	The relation between input-output transformation and gastrointestinal nematode infections on dairy farms. <i>Animal</i> , 2016, 10, 274-282.	1.3	15
36	Development and validation of a meat juice ELISA for the diagnosis of <i>Fasciola hepatica</i> in cattle in Cuba. <i>Asian Pacific Journal of Tropical Disease</i> , 2016, 6, 622-626.	0.5	0

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37	Climate-driven longitudinal trends in pasture-borne helminth infections of dairy cattle. <i>International Journal for Parasitology</i> , 2016, 46, 881-888.	1.3	32
38	New perspectives on research. <i>Veterinary Record</i> , 2016, 179, i-ii.	0.2	0
39	Cattle and Nematodes Under Global Change: Transmission Models as an Ally. <i>Trends in Parasitology</i> , 2016, 32, 724-738.	1.5	38
40	Decision making on helminths in cattle: diagnostics, economics and human behaviour. <i>Irish Veterinary Journal</i> , 2015, 69, 14.	0.8	40
41	Mapping and modelling helminth infections in ruminants in Europe: experience from GLOWORM. <i>Geospatial Health</i> , 2015, 9, 257.	0.3	14
42	Modelling the spatial distribution of <i>Fasciola hepatica</i> in dairy cattle in Europe. <i>Geospatial Health</i> , 2015, 9, 261.	0.3	37
43	Widespread anthelmintic resistance in European farmed ruminants: a systematic review. <i>Veterinary Record</i> , 2015, 176, 546-546.	0.2	133
44	Novel insights into the pathogenic importance, diagnosis and treatment of the rumen fluke (<i>Calicophoron daubneyi</i>) in cattle. <i>Veterinary Parasitology</i> , 2015, 207, 134-139.	0.7	61
45	Mathematical Inference on Helminth Egg Counts in Stool and Its Applications in Mass Drug Administration Programmes to Control Soil-Transmitted Helminthiasis in Public Health. <i>Advances in Parasitology</i> , 2015, 87, 193-247.	1.4	36
46	Diagnosis before treatment: Identifying dairy farmers' determinants for the adoption of sustainable practices in gastrointestinal nematode control. <i>Veterinary Parasitology</i> , 2015, 212, 308-317.	0.7	47
47	Measuring larval nematode contamination on cattle pastures: Comparing two herbage sampling methods. <i>Veterinary Parasitology</i> , 2015, 210, 159-166.	0.7	17
48	ECONOHEALTH: Placing helminth infections of livestock in an economic and social context. <i>Veterinary Parasitology</i> , 2015, 212, 62-67.	0.7	35
49	Development of a multiplex fluorescence immunological assay for the simultaneous detection of antibodies against <i>Cooperia oncophora</i> , <i>Dictyocaulus viviparus</i> and <i>Fasciola hepatica</i> in cattle. <i>Parasites and Vectors</i> , 2015, 8, 335.	1.0	18
50	Fine-scale mapping of vector habitats using very high resolution satellite imagery: a liver fluke case-study. <i>Geospatial Health</i> , 2014, 8, 671.	0.3	30
51	Non-invasive indicators associated with the milk yield response after anthelmintic treatment at calving in dairy cows. <i>BMC Veterinary Research</i> , 2014, 10, 264.	0.7	19
52	Practices to optimise gastrointestinal nematode control on sheep, goat and cattle farms in Europe using targeted (selective) treatments. <i>Veterinary Record</i> , 2014, 175, 250-255.	0.2	129
53	The parasitic phase of <i>Ostertagia ostertagi</i> : quantification of the main life history traits through systematic review and meta-analysis. <i>International Journal for Parasitology</i> , 2014, 44, 1091-1104.	1.3	26
54	Longitudinal study on the temporal and micro-spatial distribution of <i>Galba truncatula</i> in four farms in Belgium as a base for small-scale risk mapping of <i>Fasciola hepatica</i> . <i>Parasites and Vectors</i> , 2014, 7, 528.	1.0	21

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55	Recent advances in the diagnosis, impact on production and prediction of <i>Fasciola hepatica</i> in cattle. <i>Parasitology</i> , 2014, 141, 326-335.	0.7	128
56	A stochastic frontier approach to study the relationship between gastrointestinal nematode infections and technical efficiency of dairy farms. <i>Journal of Dairy Science</i> , 2014, 97, 3498-3508.	1.4	21
57	Comparison of individual and pooled faecal samples in sheep for the assessment of gastrointestinal strongyle infection intensity and anthelmintic drug efficacy using McMaster and Mini-FLOTAC. <i>Veterinary Parasitology</i> , 2014, 205, 216-223.	0.7	57
58	Chasing helminths and their economic impact on farmed ruminants. <i>Trends in Parasitology</i> , 2014, 30, 361-367.	1.5	265
59	Conceptual framework for analysing farm-specific economic effects of helminth infections in ruminants and control strategies. <i>Preventive Veterinary Medicine</i> , 2013, 109, 228-235.	0.7	29
60	Serological evidence of <i>Ostertagia ostertagi</i> infection in dairy cows does not impact the efficacy of rabies vaccination during the housing period. <i>Research in Veterinary Science</i> , 2013, 95, 1055-1058.	0.9	6
61	Global Change and Helminth Infections in Grazing Ruminants in Europe: Impacts, Trends and Sustainable Solutions. <i>Agriculture (Switzerland)</i> , 2013, 3, 484-502.	1.4	82
62	De monitoring van maagdarmworm- en leverbotinfecties op Belgische melkveebedrijven met tankmelk ELISA's: maken we vooruitgang in parasietencontrole?. <i>Vlaams Diergeneeskundig Tijdschrift</i> , 2013, 82, .	0.1	7
63	The economic effects of whole-herd versus selective anthelmintic treatment strategies in dairy cows. <i>Journal of Dairy Science</i> , 2012, 95, 2977-2987.	1.4	22
64	Risk factors for <i>Psoroptes ovis</i> mange on Belgian Blue farms in Northern Belgium. <i>Veterinary Parasitology</i> , 2012, 190, 216-221.	0.7	10
65	Novel insights in the faecal egg count reduction test for monitoring drug efficacy against gastrointestinal nematodes of veterinary importance. <i>Veterinary Parasitology</i> , 2012, 188, 391-396.	0.7	62
66	Integrating Fasciolosis Control in the Dry Cow Management: The Effect of Closantel Treatment on Milk Production. <i>PLoS ONE</i> , 2012, 7, e43216.	1.1	36
67	ParaCalc: A novel tool to evaluate the economic importance of worm infections on the dairy farm. <i>Veterinary Parasitology</i> , 2012, 184, 204-211.	0.7	42
68	The bias, accuracy and precision of faecal egg count reduction test results in cattle using McMaster, Cornell-Wisconsin and FLOTAC egg counting methods. <i>Veterinary Parasitology</i> , 2012, 188, 194-199.	0.7	68
69	Serum pepsinogen levels to monitor gastrointestinal nematode infections in cattle revisited. <i>Research in Veterinary Science</i> , 2011, 90, 451-456.	0.9	30
70	Towards assessing fine-scale indicators for the spatial transmission risk of <i>Fasciola hepatica</i> in cattle. <i>Geospatial Health</i> , 2011, 5, 239.	0.3	52
71	Diseases of Dairy Animals Parasites, Internal: Gastrointestinal Nematodes. , 2011, , 258-263.		1
72	A Comparison of the Sensitivity and Fecal Egg Counts of the McMaster Egg Counting and Kato-Katz Thick Smear Methods for Soil-Transmitted Helminths. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1201.	1.3	138

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73	Relative importance of management, meteorological and environmental factors in the spatial distribution of <i>Fasciola hepatica</i> in dairy cattle in a temperate climate zone. <i>International Journal for Parasitology</i> , 2011, 41, 225-233.	1.3	98
74	Monitoring drug efficacy against gastrointestinal nematodes when faecal egg counts are low: do the analytic sensitivity and the formula matter?. <i>Parasitology Research</i> , 2011, 109, 953-957.	0.6	48
75	Infections with gastrointestinal nematodes, <i>Fasciola</i> and <i>Paramphistomum</i> in cattle in Cambodia and their association with morbidity parameters. <i>Veterinary Parasitology</i> , 2011, 175, 293-299.	0.7	57
76	Novel Insights in the Fecal Egg Count Reduction Test for Monitoring Drug Efficacy against Soil-Transmitted Helminths in Large-Scale Treatment Programs. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1427.	1.3	19
77	Evaluation of anti- <i>Ostertagia ostertagi</i> antibodies in individual milk samples as decision parameter for selective anthelmintic treatment in dairy cows. <i>Preventive Veterinary Medicine</i> , 2010, 93, 147-152.	0.7	32
78	The use of a simplified faecal egg count reduction test for assessing anthelmintic efficacy on Belgian and German cattle farms. <i>Veterinary Parasitology</i> , 2010, 169, 352-357.	0.7	47
79	Monitoring macrocyclic lactone resistance in <i>Cooperia oncophora</i> on a Belgian cattle farm during four consecutive years. <i>Veterinary Parasitology</i> , 2010, 171, 167-171.	0.7	32
80	<i>Ostertagia ostertagi</i> in first-season grazing cattle in Belgium, Germany and Sweden: General levels of infection and related management practices. <i>Veterinary Parasitology</i> , 2010, 171, 91-98.	0.7	41
81	Epidemiology and risk factors for exposure to gastrointestinal nematodes in dairy herds in northwestern Europe. <i>Veterinary Parasitology</i> , 2010, 173, 247-254.	0.7	64
82	Associations between blood gastrin, ghrelin, leptin, pepsinogen and <i>Ostertagia ostertagi</i> antibody concentrations and voluntary feed intake in calves exposed to a trickle infection with <i>O. ostertagi</i> . <i>Veterinary Parasitology</i> , 2009, 162, 295-305.	0.7	17
83	Gastrointestinal nematode infections in adult dairy cattle: Impact on production, diagnosis and control. <i>Veterinary Parasitology</i> , 2009, 164, 70-79.	0.7	150
84	Assessment of the within- and between-laboratory repeatability of a commercially available <i>Ostertagia ostertagi</i> milk ELISA. <i>Veterinary Parasitology</i> , 2009, 164, 66-69.	0.7	14
85	Assessing the feasibility of targeted selective treatments for gastrointestinal nematodes in first-season grazing cattle based on mid-season daily weight gains. <i>Veterinary Parasitology</i> , 2009, 164, 80-88.	0.7	39
86	The use of bulk-tank milk ELISAs to assess the spatial distribution of <i>Fasciola hepatica</i> , <i>Ostertagia ostertagi</i> and <i>Dictyocaulus viviparus</i> in dairy cattle in Flanders (Belgium). <i>Veterinary Parasitology</i> , 2009, 165, 51-57.	0.7	84
87	Measurement of antibodies to gastrointestinal nematodes and liver fluke in meat juice of beef cattle and associations with carcass parameters. <i>Veterinary Parasitology</i> , 2009, 166, 235-240.	0.7	42
88	<i>Ostertagia ostertagi</i> antibodies in milk samples: Relationships with herd management and milk production parameters in two Mediterranean production systems of Spain. <i>Research in Veterinary Science</i> , 2009, 87, 416-420.	0.9	16
89	Qualitative and quantitative evaluation of coprological and serological techniques for the diagnosis of fasciolosis in cattle. <i>Veterinary Parasitology</i> , 2008, 153, 44-51.	0.7	101
90	A survey of the exposure to <i>Ostertagia ostertagi</i> in dairy cow herds in Europe through the measurement of antibodies in milk samples from the bulk tank. <i>Veterinary Parasitology</i> , 2008, 157, 100-107.	0.7	55

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91	A longitudinal survey of anti-Ostertagia ostertagi antibody levels in individual and bulk tank milk in two dairy herds in Normandy. <i>Research in Veterinary Science</i> , 2007, 83, 194-197.	0.9	21
92	Predicting milk-production responses after an autumn treatment of pastured dairy herds with eprinomectin. <i>Veterinary Parasitology</i> , 2007, 143, 322-328.	0.7	50
93	Associations between anti-Fasciola hepatica antibody levels in bulk-tank milk samples and production parameters in dairy herds. <i>Preventive Veterinary Medicine</i> , 2007, 78, 57-66.	0.7	102
94	The effect of an experimentally induced acute mastitis on the test results of an Ostertagia ostertagi milk ELISA. <i>Veterinary Parasitology</i> , 2006, 136, 161-165.	0.7	18
95	Associations between dairy herd management factors and bulk tank milk antibody levels against Ostertagia ostertagi. <i>Veterinary Parasitology</i> , 2005, 133, 91-100.	0.7	45
96	A survey to determine relationships between bulk tank milk antibodies against Ostertagia ostertagi and milk production parameters. <i>Veterinary Parasitology</i> , 2005, 129, 67-75.	0.7	65
97	Assessment of the repeatability of a milk Ostertagia ostertagi ELISA and effects of sample preparation. <i>Preventive Veterinary Medicine</i> , 2005, 68, 277-288.	0.7	26