

# Grace Mulcahy

## List of Publications by Year in descending order

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Version: 2024-02-01

106  
papers

4,617  
citations

101496

36  
h-index

106281

65  
g-index

110  
all docs

110  
docs citations

110  
times ranked

3715  
citing authors

#	ARTICLE	IF	CITATIONS
1	Survey of the knowledge and perceptions of horse owners in Ireland of common clinical conditions and their impact. <i>Equine Veterinary Journal</i> , 2023, 55, 270-281.	0.9	2
2	Inactivation and Recovery of High Quality RNA From Positive SARS-CoV-2 Rapid Antigen Tests Suitable for Whole Virus Genome Sequencing. <i>Frontiers in Public Health</i> , 2022, 10, 863862.	1.3	9
3	Outbreak of acute larval cyathostomiasis – A “perfect storm” of inflammation and dysbiosis. <i>Equine Veterinary Journal</i> , 2021, 53, 727-739.	0.9	22
4	Transcriptomic Analysis of Ovine Hepatic Lymph Node Following <i>Fasciola hepatica</i> Infection – Inhibition of NK Cell and IgE-Mediated Signaling. <i>Frontiers in Immunology</i> , 2021, 12, 687579.	2.2	9
5	A Multiomic Approach to Investigate the Effects of a Weight Loss Program on the Intestinal Health of Overweight Horses. <i>Frontiers in Veterinary Science</i> , 2021, 8, 668120.	0.9	7
6	Timing of Transcriptomic Peripheral Blood Mononuclear Cell Responses of Sheep to <i>Fasciola hepatica</i> Infection Differs From Those of Cattle, Reflecting Different Disease Phenotypes. <i>Frontiers in Immunology</i> , 2021, 12, 729217.	2.2	4
7	Assessment of Environmental and Occupational Risk Factors for the Mitigation and Containment of a COVID-19 Outbreak in a Meat Processing Plant. <i>Frontiers in Public Health</i> , 2021, 9, 769238.	1.3	12
8	<i>Fasciola hepatica</i> products can alter the response of bovine immune cells to <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> . <i>Parasite Immunology</i> , 2020, 42, e12779.	0.7	6
9	Identification of protective peptides of <i>Fasciola hepatica</i> -derived cathepsin L1 (FhCL1) in vaccinated sheep by a linear B-cell epitope mapping approach. <i>Parasites and Vectors</i> , 2020, 13, 390.	1.0	8
10	No Worm Is an Island; The Influence of Commensal Gut Microbiota on Cyathostomin Infections. <i>Animals</i> , 2020, 10, 2309.	1.0	8
11	Horses are susceptible to natural, but resistant to experimental, infection with the liver fluke, <i>Fasciola hepatica</i> . <i>Veterinary Parasitology</i> , 2020, 281, 109094.	0.7	6
12	Liver fluke in Irish sheep: prevalence and associations with management practices and co-infection with rumen fluke. <i>Parasites and Vectors</i> , 2019, 12, 525.	1.0	16
13	<i>Fasciola hepatica</i> Infection in Cattle: Analyzing Responses of Peripheral Blood Mononuclear Cells (PBMC) Using a Transcriptomics Approach. <i>Frontiers in Immunology</i> , 2019, 10, 2081.	2.2	25
14	Removal of adult cyathostomins alters faecal microbiota and promotes an inflammatory phenotype in horses. <i>International Journal for Parasitology</i> , 2019, 49, 489-500.	1.3	35
15	Comparison of four commercially available ELISA kits for diagnosis of <i>Fasciola hepatica</i> in Irish cattle. <i>BMC Veterinary Research</i> , 2019, 15, 414.	0.7	14
16	Antibody recognition of cathepsin L1-derived peptides in <i>Fasciola hepatica</i> -infected and/or vaccinated cattle and identification of protective linear B-cell epitopes. <i>Vaccine</i> , 2018, 36, 958-968.	1.7	24
17	Epidemiological investigation of a severe rumen fluke outbreak on an Irish dairy farm. <i>Parasitology</i> , 2018, 145, 948-952.	0.7	22
18	Spatial patterns of <i>Fasciola hepatica</i> and <i>Calicophoron daubneyi</i> infections in ruminants in Ireland and modelling of <i>C. daubneyi</i> infection. <i>Parasites and Vectors</i> , 2018, 11, 531.	1.0	25

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19	Validation of a spatial liver fluke model under field conditions in Ireland. <i>Geospatial Health</i> , 2018, 13, 641.	0.3	2
20	In silico analyses of protein glycosylating genes in the helminth <i>Fasciola hepatica</i> (liver fluke) predict protein-linked glycan simplicity and reveal temporally-dynamic expression profiles. <i>Scientific Reports</i> , 2018, 8, 11700.	1.6	13
21	The immunoregulatory effects of co-infection with <i>Fasciola hepatica</i> : From bovine tuberculosis to Johne's disease. <i>Veterinary Journal</i> , 2017, 222, 9-16.	0.6	16
22	Migration of <i>Fasciola hepatica</i> newly excysted juveniles is inhibited by high-mannose and oligomannose-type N-glycan-binding lectins. <i>Parasitology</i> , 2017, 144, 1708-1717.	0.7	8
23	Network Analysis of the Systemic Response to <i>Fasciola hepatica</i> Infection in Sheep Reveals Changes in Fibrosis, Apoptosis, Toll-Like Receptors 3/4, and B Cell Function. <i>Frontiers in Immunology</i> , 2017, 8, 485.	2.2	15
24	Tegument Glycoproteins and Cathepsins of Newly Excysted Juvenile <i>Fasciola hepatica</i> Carry Mannosidic and Paucimannosidic N-glycans. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004688.	1.3	32
25	Transcriptomic Study on Ovine Immune Responses to <i>Fasciola hepatica</i> Infection. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005015.	1.3	46
26	Development of a versatile <i>in vitro</i> method for understanding the migration of <i>Fasciola hepatica</i> newly excysted juveniles. <i>Parasitology</i> , 2016, 143, 24-33.	0.7	17
27	<i>Fasciola hepatica</i> infection reduces <i>Mycobacterium bovis</i> burden and mycobacterial uptake and suppresses the pro-inflammatory response. <i>Parasite Immunology</i> , 2016, 38, 387-402.	0.7	33
28	Rumen fluke in Irish sheep: prevalence, risk factors and molecular identification of two paramphistome species. <i>BMC Veterinary Research</i> , 2016, 12, 143.	0.7	40
29	Editorial "One Health Special Issue" <i>Parasite Immunology</i> . <i>Parasite Immunology</i> , 2016, 38, 525-526.	0.7	0
30	Toxocara and toxocarosis a roundtable discussion. <i>Companion Animal</i> , 2016, 21, 225-235.	0.0	0
31	Molecular epidemiology of <i>Cryptosporidium</i> species in livestock in Ireland. <i>Veterinary Parasitology</i> , 2016, 216, 18-22.	0.7	22
32	Development of an <i>in vitro</i> model of the early-stage bovine tuberculous granuloma using <i>Mycobacterium bovis</i> -BCG. <i>Veterinary Immunology and Immunopathology</i> , 2015, 168, 249-257.	0.5	4
33	<i>Fasciola hepatica</i> vaccine: We may not be there yet but we're on the right road. <i>Veterinary Parasitology</i> , 2015, 208, 101-111.	0.7	158
34	Comparison of diagnostic techniques for the detection of <i>Cryptosporidium</i> oocysts in animal samples. <i>Experimental Parasitology</i> , 2015, 151-152, 14-20.	0.5	31
35	Comparison of <i>Fasciola hepatica</i> genotypes in relation to their ability to establish patent infections in the final host. <i>Veterinary Parasitology</i> , 2015, 210, 145-150.	0.7	5
36	Standardisation of egg-viability assays for <i>Fasciola hepatica</i> and <i>Calicophoron daubneyi</i> : A tool for evaluating new technologies of parasite control. <i>Veterinary Parasitology</i> , 2015, 210, 25-31.	0.7	21

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37	Prevalence and seasonality of bulk milk antibodies against <i>Dictyocaulus viviparus</i> and <i>Ostertagia ostertagi</i> in Irish pasture-based dairy herds. <i>Veterinary Parasitology</i> , 2015, 209, 108-116.	0.7	26
38	Response letter. <i>Veterinary Parasitology</i> , 2015, 214, 228.	0.7	0
39	Determining the Prevalence and Seasonality of <i>Fasciola hepatica</i> in Pasture-based Dairy herds in Ireland using a Bulk Tank Milk ELISA. <i>Irish Veterinary Journal</i> , 2015, 68, 16.	0.8	32
40	Identity of rumen fluke in deer. <i>Parasitology Research</i> , 2014, 113, 4097-4103.	0.6	35
41	The Worm Turns. <i>Veterinary Pathology</i> , 2014, 51, 385-392.	0.8	12
42	The effect of <i>Fasciola hepatica</i> infection on respiratory vaccine responsiveness in calves. <i>Veterinary Parasitology</i> , 2014, 201, 31-39.	0.7	3
43	Bovine paramphistomes in Ireland. <i>Veterinary Parasitology</i> , 2014, 204, 199-208.	0.7	57
44	Parasite control practices on pasture-based dairy farms in the Republic of Ireland. <i>Veterinary Parasitology</i> , 2014, 204, 352-363.	0.7	27
45	<i>Toxoplasma gondii</i> in Ireland: Seroprevalence and Novel Molecular Detection Method in Sheep, Pigs, Deer and Chickens. <i>Zoonoses and Public Health</i> , 2013, 60, 168-173.	0.9	52
46	A coprological survey of parasites of wild carnivores in Ireland. <i>Parasitology Research</i> , 2013, 112, 3587-3593.	0.6	33
47	Investigating the role of wild carnivores in the epidemiology of bovine neosporosis. <i>Parasitology</i> , 2013, 140, 296-302.	0.7	15
48	Early and Late Peritoneal and Hepatic Changes in Goats Immunized with Recombinant Cathepsin L1 and Infected with <i>Fasciola hepatica</i> . <i>Journal of Comparative Pathology</i> , 2013, 148, 373-384.	0.1	36
49	Immunomodulatory molecules of <i>Fasciola hepatica</i> : Candidates for both vaccine and immunotherapeutic development. <i>Veterinary Parasitology</i> , 2013, 195, 272-285.	0.7	162
50	Panmictic Structure of the <i>Cryptosporidium parvum</i> Population in Irish Calves: Influence of Prevalence and Host Movement. <i>Applied and Environmental Microbiology</i> , 2013, 79, 2534-2541.	1.4	25
51	<i>Fasciola hepatica</i> is associated with the failure to detect bovine tuberculosis in dairy cattle. <i>Nature Communications</i> , 2012, 3, 853.	5.8	116
52	Peri-parturient rise of <i>Cryptosporidium</i> oocysts in cows: New insights provided by duplex quantitative real-time PCR. <i>Veterinary Parasitology</i> , 2012, 189, 366-368.	0.7	11
53	Cathepsin L proteases of the parasitic copepod, <i>Lepeophtheirus salmonis</i> . <i>Aquaculture</i> , 2012, 356-357, 264-271.	1.7	17
54	Humoral immune response in goats immunised with cathepsin L1, peroxiredoxin and Sm14 antigen and experimentally challenged with <i>Fasciola hepatica</i> . <i>Veterinary Parasitology</i> , 2012, 185, 315-321.	0.7	29

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55	A preliminary study to understand the effect of <i>Fasciola hepatica</i> tegument on naïve macrophages and humoral responses in an ovine model. <i>Veterinary Immunology and Immunopathology</i> , 2011, 139, 245-249.	0.5	22
56	Longitudinal and spatial distribution of GP60 subtypes in human cryptosporidiosis cases in Ireland. <i>Epidemiology and Infection</i> , 2011, 139, 1945-1955.	1.0	19
57	A differential interplay between the expression of Th1/Th2/Treg related cytokine genes in <i>Teladorsagia circumcincta</i> infected DRB1*1101 carrier lambs. <i>Veterinary Research</i> , 2011, 42, 45.	1.1	28
58	The dynamic influence of the DRB1*1101 allele on the resistance of sheep to experimental <i>Teladorsagia circumcincta</i> infection. <i>Veterinary Research</i> , 2011, 42, 46.	1.1	26
59	Gastrointestinal nematode control practices on lowland sheep farms in Ireland with reference to selection for anthelmintic resistance. <i>Irish Veterinary Journal</i> , 2011, 64, 4.	0.8	21
60	Age-Stratified Bayesian Analysis To Estimate Sensitivity and Specificity of Four Diagnostic Tests for Detection of <i>Cryptosporidium</i> Oocysts in Neonatal Calves. <i>Journal of Clinical Microbiology</i> , 2011, 49, 76-84.	1.8	17
61	Cutaneous infiltrates and peripheral blood immune responses in dogs with immunomodulatory-responsive lymphocytic-plasmacytic pododermatitis. <i>Veterinary Dermatology</i> , 2010, 21, 383-392.	0.4	2
62	Control of cryptosporidiosis in neonatal calves: Use of halofuginone lactate in two different calf rearing systems. <i>Preventive Veterinary Medicine</i> , 2010, 96, 143-151.	0.7	45
63	Coordinating innate and adaptive immunity in <i>Fasciola hepatica</i> infection: Implications for control. <i>Veterinary Parasitology</i> , 2010, 169, 235-240.	0.7	52
64	Survival of <i>Cryptosporidium parvum</i> oocysts in the presence of hydrated lime. <i>Veterinary Record</i> , 2010, 166, 297-300.	0.2	5
65	Evaluation of hepatic changes and local and systemic immune responses in goats immunized with recombinant Peroxiredoxin (Prx) and challenged with <i>Fasciola hepatica</i> . <i>Vaccine</i> , 2010, 28, 2832-2840.	1.7	48
66	Protection of cattle against a natural infection of <i>Fasciola hepatica</i> by vaccination with recombinant cathepsin L1 (rFhCL1). <i>Vaccine</i> , 2010, 28, 5551-5557.	1.7	111
67	Characterisation of cathepsin B-like cysteine protease of <i>Lepeophtheirus salmonis</i> . <i>Aquaculture</i> , 2010, 310, 38-42.	1.7	9
68	Co-Infection of Cattle with <i>Fasciola hepatica</i> and <i>Mycobacterium bovis</i> - Immunological Consequences. <i>Transboundary and Emerging Diseases</i> , 2009, 56, 269-274.	1.3	63
69	IL10 and TGFβ1 are associated with variations in fluke burdens following experimental fasciolosis in sheep. <i>Parasite Immunology</i> , 2009, 31, 613-622.	0.7	49
70	The comparative efficacy of four anthelmintics against a natural acquired <i>Fasciola hepatica</i> infection in hill sheep flock in the west of Ireland. <i>Veterinary Parasitology</i> , 2009, 164, 201-205.	0.7	72
71	In vitro culture combined with quantitative TaqMan PCR for the assessment of <i>Toxoplasma gondii</i> tissue cyst viability. <i>Veterinary Parasitology</i> , 2009, 164, 167-172.	0.7	16
72	The effect of Quil A adjuvant on the course of experimental <i>Fasciola hepatica</i> infection in sheep. <i>Vaccine</i> , 2009, 27, 45-50.	1.7	46

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73	The prevalence of <i>Cryptosporidium</i> species and subtypes in human faecal samples in Ireland. <i>Epidemiology and Infection</i> , 2009, 137, 270-277.	1.0	65
74	The roles of IL-10 and TGF- $\beta$ 2 in controlling IL-4 and IFN- $\gamma$ 3 production during experimental <i>Fasciola hepatica</i> infection. <i>International Journal for Parasitology</i> , 2008, 38, 1673-1680.	1.3	87
75	A study of dendritic cell and MHC class II expression in dogs with immunomodulatory-responsive lymphocytic-plasmacytic pododermatitis. <i>Veterinary Journal</i> , 2008, 177, 352-359.	0.6	0
76	Canine pododermatitis and idiopathic disease. <i>Veterinary Journal</i> , 2008, 176, 146-157.	0.6	20
77	Possible Role for Toll-Like Receptors in Interaction of <i>Fasciola hepatica</i> Excretory/Secretory Products with Bovine Macrophages. <i>Infection and Immunity</i> , 2008, 76, 678-684.	1.0	55
78	Experimental <i>Fasciola hepatica</i> Infection Alters Responses to Tests Used for Diagnosis of Bovine Tuberculosis. <i>Infection and Immunity</i> , 2007, 75, 1373-1381.	1.0	113
79	INTERACTION OF EIMERIA TENELLA WITH INTESTINAL MUCIN IN VITRO. <i>Journal of Parasitology</i> , 2007, 93, 634-638.	0.3	15
80	Prevalence of <i>Cryptosporidium</i> species in intensively farmed pigs in Ireland. <i>Parasitology</i> , 2007, 134, 1575-1582.	0.7	62
81	Alternative activation of ruminant macrophages by <i>Fasciola hepatica</i> . <i>Veterinary Immunology and Immunopathology</i> , 2007, 120, 31-40.	0.5	49
82	Biochemical characterisation of the recombinant peroxiredoxin (FhePrx) of the liver fluke, <i>Fasciola hepatica</i> . <i>FEBS Letters</i> , 2006, 580, 5016-5022.	1.3	37
83	An Irish perspective on <i>Cryptosporidium</i> . Part 1. <i>Irish Veterinary Journal</i> , 2006, 59, 442-7.	0.8	8
84	An Irish perspective on <i>Cryptosporidium</i> . Part 2. <i>Irish Veterinary Journal</i> , 2006, 59, 495-500.	0.8	1
85	Evaluation of Th1-like, Th2-like and immunomodulatory cytokine mRNA expression in the skin of dogs with immunomodulatory-responsive lymphocytic/plasmacytic pododermatitis. <i>Veterinary Dermatology</i> , 2006, 17, 313-321.	0.4	11
86	Comparison of different methods for the solubilisation of <i>Neospora caninum</i> (Phylum Apicomplexa) antigen. <i>Veterinary Parasitology</i> , 2006, 135, 205-213.	0.7	7
87	Texel sheep are more resistant to natural nematode challenge than Suffolk sheep based on faecal egg count and nematode burden. <i>Veterinary Parasitology</i> , 2006, 136, 317-327.	0.7	53
88	<i>Eimeria tenella</i> : B-cell epitope mapping following primary and secondary infections. <i>Experimental Parasitology</i> , 2006, 113, 235-238.	0.5	7
89	Isolation and Characterization of Cathepsin-L1 Protease From <i>Fasciola hepatica</i> Excretory-Secretory Products for Serodiagnosis of Human Fasciolosis. <i>Methods in Biotechnology</i> , 2006, , 191-201.	0.2	0
90	Interaction of <i>Cryptosporidium hominis</i> and <i>Cryptosporidium parvum</i> with Primary Human and Bovine Intestinal Cells. <i>Infection and Immunity</i> , 2006, 74, 99-107.	1.0	54

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91	Possible mechanisms underlying age-related resistance to bovine babesiosis. <i>Parasite Immunology</i> , 2005, 27, 115-120.	0.7	67
92	Partial protection against <i>Eimeria acervulina</i> and <i>Eimeria tenella</i> induced by synthetic peptide vaccine. <i>Experimental Parasitology</i> , 2005, 110, 342-348.	0.5	26
93	<i>Angiostrongylus vasorum</i> : a real heartbreaker. <i>Trends in Parasitology</i> , 2005, 21, 49-51.	1.5	133
94	Tissue migration by parasitic helminths – an immunoevasive strategy?. <i>Trends in Parasitology</i> , 2005, 21, 273-277.	1.5	61
95	The synthetic form of a novel chicken $\beta$ -defensin identified in silico is predominantly active against intestinal pathogens. <i>Immunogenetics</i> , 2005, 57, 90-98.	1.2	74
96	Thioredoxin Peroxidase Secreted by <i>Fasciola hepatica</i> Induces the Alternative Activation of Macrophages. <i>Infection and Immunity</i> , 2005, 73, 166-173.	1.0	258
97	Host Cell Tropism Underlies Species Restriction of Human and Bovine <i>Cryptosporidium parvum</i> Genotypes. <i>Infection and Immunity</i> , 2004, 72, 6125-6131.	1.0	22
98	Helminths at mucosal barriers – interaction with the immune system. <i>Advanced Drug Delivery Reviews</i> , 2004, 56, 853-868.	6.6	48
99	Bioinformatic discovery and initial characterisation of nine novel antimicrobial peptide genes in the chicken. <i>Immunogenetics</i> , 2004, 56, 170-177.	1.2	197
100	Helminth vaccines: from mining genomic information for vaccine targets to systems used for protein expression. <i>International Journal for Parasitology</i> , 2003, 33, 621-640.	1.3	88
101	<i>Fasciola hepatica</i> cathepsin L-like proteases: biology, function, and potential in the development of first generation liver fluke vaccines. <i>International Journal for Parasitology</i> , 2003, 33, 1173-1181.	1.3	238
102	Keys to the Trematodes, Vol. 1; D.J. Gibbs, A. Jones, R.A. Bray (Eds.); CAB International, Wallington, UK, 521 pages, ISBN 0-851-99547-0. <i>Veterinary Parasitology</i> , 2003, 111, 273.	0.7	0
103	<i>Babesia divergens</i> , a Bovine Blood Parasite of Veterinary and Zoonotic Importance. <i>Clinical Microbiology Reviews</i> , 2003, 16, 622-636.	5.7	336
104	A survey of helminth control practices in equine establishments in Ireland. <i>Veterinary Parasitology</i> , 2002, 109, 101-110.	0.7	64
105	Parasite vaccines – a reality?. <i>Veterinary Parasitology</i> , 2001, 98, 149-167.	0.7	108
106	<i>Fasciola hepatica</i> infection downregulates Th1 responses in mice. <i>Parasite Immunology</i> , 2000, 22, 147-155.	0.7	195