

# Jarlath E Nally

## List of Publications by Year in descending order

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91  
papers

4,844  
citations

159585

30  
h-index

95266

68  
g-index

96  
all docs

96  
docs citations

96  
times ranked

4162  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing rodents as carriers of pathogenic <i>Leptospira</i> species in the U.S. Virgin Islands and their risk to animal and public health. <i>Scientific Reports</i> , 2022, 12, 1132.	3.3	6
2	Complete Genome Sequence of Four Strains of <i>Leptospira borgpetersenii</i> serovar Hardjo isolated from Cattle in the Central United States. <i>Journal of Genomics</i> , 2022, 10, 45-48.	0.9	4
3	Role of Diagnostics in Epidemiology, Management, Surveillance, and Control of Leptospirosis. <i>Pathogens</i> , 2022, 11, 395.	2.8	29
4	Bovine Leptospirosis Due to Persistent Renal Carriage of <i>Leptospira borgpetersenii</i> Serovar Tarassovi. <i>Frontiers in Veterinary Science</i> , 2022, 9, 848664.	2.2	5
5	Some like it hot, some like it cold; proteome comparison of <i>Leptospira borgpetersenii</i> serovar Hardjo strains propagated at different temperatures. <i>Journal of Proteomics</i> , 2022, 262, 104602.	2.4	3
6	Diverse lineages of pathogenic <i>Leptospira</i> species are widespread in the environment in Puerto Rico, USA. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0009959.	3.0	10
7	A live attenuated-vaccine model confers cross-protective immunity against different species of the <i>Leptospira</i> genus. <i>ELife</i> , 2021, 10, .	6.0	24
8	Bovine Immune Response to Vaccination and Infection with <i>Leptospira borgpetersenii</i> Serovar Hardjo. <i>MSphere</i> , 2021, 6, .	2.9	3
9	Distinct transcriptional profiles of <i>Leptospira borgpetersenii</i> serovar Hardjo strains JB197 and HB203 cultured at different temperatures. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009320.	3.0	11
10	Exposure and Carriage of Pathogenic <i>Leptospira</i> in Livestock in St. Croix, U.S. Virgin Islands. <i>Tropical Medicine and Infectious Disease</i> , 2021, 6, 85.	2.3	5
11	Domestic animal proteomics in the 21st century: A global retrospective and viewpoint analysis. <i>Journal of Proteomics</i> , 2021, 241, 104220.	2.4	13
12	Qualitative and semiquantitative assessment of thyroid hormone binding proteins in greyhounds and other dog breeds. <i>Domestic Animal Endocrinology</i> , 2021, 76, 106623.	1.6	1
13	Bovine endometrial cells do not mount an inflammatory response to <i>Leptospira</i> . <i>Reproduction and Fertility</i> , 2021, 2, 187-198.	1.8	4
14	Antigen-Specific Urinary Immunoglobulin in Reservoir Hosts of Leptospirosis. <i>Veterinary Sciences</i> , 2021, 8, 178.	1.7	1
15	Circulating Foamy Macrophages in the Golden Syrian Hamster ( <i>Mesocricetus auratus</i> ) Model of Leptospirosis. <i>Journal of Comparative Pathology</i> , 2021, 189, 98-109.	0.4	5
16	Mongoose ( <i>Urva auropunctata</i> ) as reservoir hosts of <i>Leptospira</i> species in the United States Virgin Islands, 2019–2020. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009859.	3.0	8
17	Evaluation of LipL32 and LigA/LigB Knockdown Mutants in <i>Leptospira interrogans</i> Serovar Copenhagen: Impacts to Proteome and Virulence. <i>Frontiers in Microbiology</i> , 2021, 12, 799012.	3.5	13
18	Poly(diaminosulfide) Microparticle-Based Vaccine for Delivery of Leptospiral Antigens. <i>Biomacromolecules</i> , 2020, 21, 534-544.	5.4	8

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19	Investigating the Immunological and Biological Equilibrium of Reservoir Hosts and Pathogenic <i>Leptospira</i> : Balancing the Solution to an Acute Problem?. <i>Frontiers in Microbiology</i> , 2020, 11, 2005.	3.5	40
20	Comparison of Real-Time PCR, Bacteriologic Culture and Fluorescent Antibody Test for the Detection of <i>Leptospira borgpetersenii</i> in Urine of Naturally Infected Cattle. <i>Veterinary Sciences</i> , 2020, 7, 66.	1.7	9
21	Isolation and propagation of leptospires at 37°C directly from the mammalian host. <i>Scientific Reports</i> , 2020, 10, 9620.	3.3	42
22	Bovine immune response to leptospira antigen in different novel adjuvants and vaccine delivery platforms. <i>Vaccine</i> , 2020, 38, 3464-3473.	3.8	10
23	Evaluation of protective and immune responses following vaccination with recombinant MIP and CPAF from <i>Chlamydia abortus</i> as novel vaccines for enzootic abortion of ewes. <i>Vaccine</i> , 2019, 37, 5428-5438.	3.8	4
24	Phenotypic and proteomic characterization of treponemes associated with bovine digital dermatitis. <i>Veterinary Microbiology</i> , 2019, 235, 35-42.	1.9	6
25	An Interdisciplinary Study of Leptospirosis Surveillance Systems in Three Regencies of East Java, Indonesia. <i>Law, Governance and Technology Series</i> , 2019, , 89-112.	0.4	0
26	Dairy science and health in the tropics: challenges and opportunities for the next decades. <i>Tropical Animal Health and Production</i> , 2019, 51, 1009-1017.	1.4	63
27	Considerations for Farm Animal Proteomic Experiments: An Introductory View Gel-Based Versus Non-gel-Based Approaches. , 2018, , 7-16.		0
28	Proteomic Research in Urine and Other Fluids. , 2018, , 121-147.		2
29	Isolation and characterization of pathogenic leptospires associated with cattle. <i>Veterinary Microbiology</i> , 2018, 218, 25-30.	1.9	41
30	Proteomic Analysis of Lung Tissue by DIGE. <i>Methods in Molecular Biology</i> , 2018, 1664, 167-183.	0.9	0
31	Experimental Transmission of Bovine Digital Dermatitis to Sheep: Development of an Infection Model. <i>Veterinary Pathology</i> , 2018, 55, 245-257.	1.7	11
32	Macrophages and Galectin 3 Control Bacterial Burden in Acute and Subacute Murine Leptospirosis That Determines Chronic Kidney Fibrosis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 384.	3.9	25
33	Inbred Rats as a Model to Study Persistent Renal Leptospirosis and Associated Cellular Immune Responsiveness. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 66.	3.9	13
34	Short communication: Lymphocyte proliferative responses in cattle naturally infected with digital dermatitis consist of CD8+ and $\gamma\delta$ -T cells but lack CD4+ T cells. <i>Journal of Dairy Science</i> , 2018, 101, 8301-8307.	3.4	1
35	Relaxation of DNA supercoiling leads to increased invasion of epithelial cells and protein secretion by <i>Campylobacter jejuni</i> . <i>Molecular Microbiology</i> , 2017, 104, 92-104.	2.5	17
36	Pathogenic <i>Leptospira</i> Modulate Protein Expression and Post-translational Modifications in Response to Mammalian Host Signals. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 362.	3.9	36

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37	Emerging Infectious Disease Implications of Invasive Mammalian Species: The Greater White-Toothed Shrew ( <i>Crocidura russula</i> ) Is Associated With a Novel Serovar of Pathogenic <i>Leptospira</i> in Ireland. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005174.	3.0	27
38	Complete Genome Sequence of <i>Leptospira alstonii</i> Serovar Room22 Strain GWTS #1. <i>Genome Announcements</i> , 2016, 4, .	0.8	7
39	Dr. James N. Miller: Virtuoso of All Spirochetes. <i>Forum on Immunopathological Diseases and Therapeutics</i> , 2016, 7, 159.	0.1	0
40	Animal board invited review: advances in proteomics for animal and food sciences. <i>Animal</i> , 2015, 9, 1-17.	3.3	143
41	Detection of urinary biomarkers in reservoir hosts of leptospirosis by capillary electrophoresis-mass spectrometry. <i>Proteomics - Clinical Applications</i> , 2015, 9, 543-551.	1.6	20
42	The etiology of digital dermatitis in ruminants: recent perspectives. <i>Veterinary Medicine: Research and Reports</i> , 2015, 6, 155.	0.6	10
43	Digital Dermatitis in Cattle: Current Bacterial and Immunological Findings. <i>Animals</i> , 2015, 5, 1114-1135.	2.3	45
44	Immunohistochemical detection of IgM and IgG in lung tissue of dogs with leptospiral pulmonary haemorrhage syndrome (LPHS). <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2015, 40, 47-53.	1.6	14
45	European consensus statement on leptospirosis in dogs and cats. <i>Journal of Small Animal Practice</i> , 2015, 56, 159-179.	1.2	186
46	Markers of endothelial cell activation and immune activation are increased in patients with severe leptospirosis and associated with disease severity. <i>Journal of Infection</i> , 2015, 71, 437-446.	3.3	17
47	Mechanisms of antibiotic resistance to enrofloxacin in uropathogenic <i>Escherichia coli</i> in dog. <i>Journal of Proteomics</i> , 2015, 127, 365-376.	2.4	37
48	Comparative proteomic analysis of lung tissue from guinea pigs with leptospiral pulmonary haemorrhage syndrome (LPHS) reveals a decrease in abundance of host proteins involved in cytoskeletal and cellular organization. <i>Journal of Proteomics</i> , 2015, 122, 55-72.	2.4	15
49	Prevalence of antileptospiral serum antibodies in dogs in Ireland. <i>Veterinary Record</i> , 2015, 177, 126-126.	0.3	10
50	A 2-D guinea pig lung proteome map. <i>Data in Brief</i> , 2015, 4, 140-145.	1.0	2
51	Generation of Mammalian Host-adapted <i>Leptospira interrogans</i> by Cultivation in Peritoneal Dialysis Membrane Chamber Implantation in Rats. <i>Bio-protocol</i> , 2015, 5, .	0.4	5
52	Capillary Electrophoresis Interfaced with a Mass Spectrometer (CE-MS): Technical Considerations and Applicability for Biomarker Studies in Animals. <i>Current Protein and Peptide Science</i> , 2014, 15, 23-35.	1.4	14
53	Comparative analysis of <i>Salmonella</i> susceptibility and tolerance to the biocide chlorhexidine identifies a complex cellular defense network. <i>Frontiers in Microbiology</i> , 2014, 5, 373.	3.5	20
54	Post-translational Modification of LipL32 during <i>Leptospira interrogans</i> Infection. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3280.	3.0	37

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55	A Model System for Studying the Transcriptomic and Physiological Changes Associated with Mammalian Host-Adaptation by <i>Leptospira interrogans</i> Serovar Copenhageni. <i>PLoS Pathogens</i> , 2014, 10, e1004004.	4.7	101
56	Proteomic and phenotypic analysis of triclosan tolerant verocytotoxigenic <i>Escherichia coli</i> O157:H19. <i>Journal of Proteomics</i> , 2013, 80, 78-90.	2.4	23
57	2D DIGE comparative analysis of <i>Escherichia coli</i> strains with induced resistance to enrofloxacin. , 2013, , 147-150.		1
58	Distribution of Lesions in Fetal Brains Following Experimental Infection of Pregnant Sheep With <i>Toxoplasma gondii</i> . <i>Veterinary Pathology</i> , 2012, 49, 462-469.	1.7	11
59	Prolonged <i>Leptospira</i> Urinary Shedding in a 10-Year-Old Girl. <i>Case Reports in Pediatrics</i> , 2012, 2012, 1-3.	0.4	11
60	Application of quantitative real-time polymerase chain reaction for the diagnosis of toxoplasmosis and enzootic abortion of ewes. <i>Journal of Veterinary Diagnostic Investigation</i> , 2012, 24, 846-854.	1.1	35
61	Alterations in systemic concentrations of progesterone during the early luteal phase affect RBP4 expression in the bovine uterus. <i>Reproduction, Fertility and Development</i> , 2012, 24, 715.	0.4	19
62	Comparative proteomic analysis of <i>Salmonella</i> tolerance to the biocide active agent triclosan. <i>Journal of Proteomics</i> , 2012, 75, 4505-4519.	2.4	35
63	Detection of <i>Toxoplasma gondii</i> antigens reactive with antibodies from serum, amniotic, and allantoic fluids from experimentally infected pregnant ewes. <i>Veterinary Parasitology</i> , 2012, 185, 91-100.	1.8	7
64	Rat Model of Chronic Leptospirosis. <i>Current Protocols in Microbiology</i> , 2011, 20, Unit 12E.3.	6.5	26
65	Passive immunization with <i>Leptospira</i> LPS-specific agglutinating but not non-agglutinating monoclonal antibodies protect guinea pigs from fatal pulmonary hemorrhages induced by serovar Copenhageni challenge. <i>Vaccine</i> , 2011, 29, 4431-4434.	3.8	19
66	Amniotic and allantoic fluids from experimentally infected sheep contain immunoglobulin specific for <i>Chlamydomphila abortus</i> . <i>Veterinary Immunology and Immunopathology</i> , 2011, 140, 1-9.	1.2	5
67	Comparative Proteomic Analysis of Differentially Expressed Proteins in the Urine of Reservoir Hosts of Leptospirosis. <i>PLoS ONE</i> , 2011, 6, e26046.	2.5	40
68	Interferon- $\beta$ expression in trophoblast cells in pregnant ewes challenged with <i>Chlamydomphila abortus</i> . <i>Journal of Reproductive Immunology</i> , 2011, 90, 214-219.	1.9	2
69	Monitoring clinical outcomes, pathological changes and shedding of <i>Chlamydomphila abortus</i> following experimental challenge of periparturient ewes utilizing the natural route of infection. <i>Veterinary Microbiology</i> , 2011, 147, 119-126.	1.9	27
70	Potent Innate Immune Response to Pathogenic <i>Leptospira</i> in Human Whole Blood. <i>PLoS ONE</i> , 2011, 6, e18279.	2.5	46
71	Detection and quantification of <i>Toxoplasma gondii</i> in ovine maternal and foetal tissues from experimentally infected pregnant ewes using real-time PCR. <i>Veterinary Parasitology</i> , 2010, 172, 8-15.	1.8	33
72	Identification of Immunologically Relevant Proteins of <i>Chlamydomphila abortus</i> Using Sera from Experimentally Infected Pregnant Ewes. <i>Vaccine Journal</i> , 2010, 17, 1274-1281.	3.1	9

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73	<i>Cronobacter</i> ( <i>Enterobacter sakazakii</i> ): An Opportunistic Foodborne Pathogen. <i>Foodborne Pathogens and Disease</i> , 2010, 7, 339-350.	1.8	250
74	Identification of Spirochetes Associated with Contagious Ovine Digital Dermatitis. <i>Journal of Clinical Microbiology</i> , 2009, 47, 1199-1201.	3.9	53
75	Leptospirosis: risks during recreational activities. <i>Journal of Applied Microbiology</i> , 2009, 107, 707-716.	3.1	105
76	Review Paper: Host-Pathogen Interactions in the Kidney during Chronic Leptospirosis. <i>Veterinary Pathology</i> , 2009, 46, 792-799.	1.7	87
77	Molecular Analysis of the <i>Enterobacter sakazakii</i> O-Antigen Gene Locus. <i>Applied and Environmental Microbiology</i> , 2008, 74, 3783-3794.	3.1	92
78	Proteomic Analysis of <i>Leptospira interrogans</i> Shed in Urine of Chronically Infected Hosts. <i>Infection and Immunity</i> , 2008, 76, 4952-4958.	2.2	112
79	Analysis of Bacterial Membrane Proteins Produced During Mammalian Infection Using Hydrophobic Antigen Tissue Triton Extraction (HATTREX). <i>Current Protocols in Microbiology</i> , 2008, 9, Unit 12.1.	6.5	4
80	Characterization of the Outer Membrane Proteome of <i>Leptospira interrogans</i> Expressed during Acute Lethal Infection. <i>Infection and Immunity</i> , 2007, 75, 766-773.	2.2	127
81	Proteomic strategies to elucidate pathogenic mechanisms of spirochetes. <i>Proteomics - Clinical Applications</i> , 2007, 1, 1185-1197.	1.6	5
82	Purification and proteomic analysis of outer membrane vesicles from a clinical isolate of <i>Leptospira interrogans</i> serovar Copenhageni. <i>Proteomics</i> , 2005, 5, 144-152.	2.2	82
83	Changes in Lipopolysaccharide O Antigen Distinguish Acute versus Chronic <i>Leptospira interrogans</i> Infections. <i>Infection and Immunity</i> , 2005, 73, 3251-3260.	2.2	108
84	Lethal Infection of C3H/HeJ and C3H/SCID Mice with an Isolate of <i>Leptospira interrogans</i> Serovar Copenhageni. <i>Infection and Immunity</i> , 2005, 73, 7014-7017.	2.2	54
85	Host-Inducible Immunogenic Sphingomyelinase-Like Protein, Lk73.5, of <i>Leptospira interrogans</i> . <i>Infection and Immunity</i> , 2004, 72, 742-749.	2.2	54
86	Alveolar Septal Deposition of Immunoglobulin and Complement Parallels Pulmonary Hemorrhage in a Guinea Pig Model of Severe Pulmonary Leptospirosis. <i>American Journal of Pathology</i> , 2004, 164, 1115-1127.	3.8	176
87	Leptospirosis: a zoonotic disease of global importance. <i>Lancet Infectious Diseases</i> , The, 2003, 3, 757-771.	9.1	1,828
88	Molecular Characterization of Thermoinduced Immunogenic Proteins Q1p42 and Hsp15 of <i>Leptospira interrogans</i> . <i>Infection and Immunity</i> , 2001, 69, 7616-7624.	2.2	56
89	Temperature-Regulated Protein Synthesis by <i>Leptospira interrogans</i> . <i>Infection and Immunity</i> , 2001, 69, 400-404.	2.2	77
90	Antibody isotypes in sera of equine fetuses aborted due to <i>Leptospira interrogans</i> serovar pomona-type kennewicki infection. <i>Veterinary Immunology and Immunopathology</i> , 2000, 77, 301-309.	1.2	18

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91	Induction of mucosal and systemic antibody specific for SeMF3 of Streptococcus equi by intranasal vaccination using a sucrose acetate isobutyrate based delivery system. <i>Vaccine</i> , 2000, 19, 492-497.	3.8	21