

# John D Lippolis

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62

papers

2,147

citations

26

h-index

46

g-index

64

ext. papers

2,531

ext. citations

3.7

avg, IF

4.84

L-index

#	Paper	IF	Citations
62	Prevalence of subclinical hypocalcemia in dairy herds. <i>Veterinary Journal</i> , <b>2011</b> , 188, 122-4	2.5	229
61	Bovine milk fat globule membrane proteome. <i>Journal of Dairy Research</i> , <b>2006</b> , 73, 406-16	1.6	199
60	Bovine milk exosome proteome. <i>Journal of Proteomics</i> , <b>2012</b> , 75, 1486-92	3.9	160
59	Bovine milk proteome: quantitative changes in normal milk exosomes, milk fat globule membranes and whey proteomes resulting from <i>Staphylococcus aureus</i> mastitis. <i>Journal of Proteomics</i> , <b>2013</b> , 82, 141-54	3.9	129
58	MicroRNA expression profiles of bovine milk exosomes in response to <i>Staphylococcus aureus</i> infection. <i>BMC Genomics</i> , <b>2015</b> , 16, 806	4.5	116
57	Null mutation in the gene encoding plasma membrane Ca <sup>2+</sup> -ATPase isoform 2 impairs calcium transport into milk. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 42369-73	5.4	112
56	Innate immune response to intramammary infection with <i>Serratia marcescens</i> and <i>Streptococcus uberis</i> . <i>Veterinary Research</i> , <b>2004</b> , 35, 681-700	3.8	103
55	Neutrophil extracellular trap formation by bovine neutrophils is not inhibited by milk. <i>Veterinary Immunology and Immunopathology</i> , <b>2006</b> , 113, 248-55	2	96
54	Analysis of MHC class II antigen processing by quantitation of peptides that constitute nested sets. <i>Journal of Immunology</i> , <b>2002</b> , 169, 5089-97	5.3	74
53	Differences in the expression of human class I MHC alleles and their associated peptides in the presence of proteasome inhibitors. <i>Journal of Immunology</i> , <b>2001</b> , 167, 1212-21	5.3	70
52	Differential expression of cytokines in response to respiratory syncytial virus infection of calves with high or low circulating 25-hydroxyvitamin D <sub>3</sub> . <i>PLoS ONE</i> , <b>2012</b> , 7, e33074	3.7	57
51	Proteomic survey of bovine neutrophils. <i>Veterinary Immunology and Immunopathology</i> , <b>2005</b> , 103, 53-65	2	54
50	Mammary gland involution is associated with rapid down regulation of major mammary Ca <sup>2+</sup> -ATPases. <i>Biochemical and Biophysical Research Communications</i> , <b>2009</b> , 378, 99-102	3.4	52
49	Vitamin D signaling in the bovine immune system: a model for understanding human vitamin D requirements. <i>Nutrients</i> , <b>2012</b> , 4, 181-96	6.7	49
48	Differential expression analysis of proteins from neutrophils in the periparturient period and neutrophils from dexamethasone-treated dairy cows. <i>Veterinary Immunology and Immunopathology</i> , <b>2006</b> , 111, 149-64	2	44
47	Multiple defensin genes are upregulated by the vitamin D pathway in cattle. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2015</b> , 154, 120-9	5.1	42
46	In vivo activation of the intracrine vitamin D pathway in innate immune cells and mammary tissue during a bacterial infection. <i>PLoS ONE</i> , <b>2010</b> , 5, e15469	3.7	42

45	Treatment of an intramammary bacterial infection with 25-hydroxyvitamin D(3). <i>PLoS ONE</i> , <b>2011</b> , 6, e25479	5.7	39
44	Differential chemokine and cytokine production by neonatal bovine $\Gamma$ -cell subsets in response to viral toll-like receptor agonists and in vivo respiratory syncytial virus infection. <i>Immunology</i> , <b>2013</b> , 139, 227-44	7.8	36
43	Proteomic changes in Escherichia coli when grown in fresh milk versus laboratory media. <i>Journal of Proteome Research</i> , <b>2009</b> , 8, 149-58	5.6	36
42	Proteome and differential expression analysis of membrane and cytosolic proteins from Mycobacterium avium subsp. paratuberculosis strains K-10 and 187. <i>Journal of Bacteriology</i> , <b>2007</b> , 189, 1109-17	3.5	35
41	Vitamin D status of dairy cattle: Outcomes of current practices in the dairy industry. <i>Journal of Dairy Science</i> , <b>2016</b> , 99, 10150-10160	4	34
40	MicroRNA regulation of bovine monocyte inflammatory and metabolic networks in an in vivo infection model. <i>G3: Genes, Genomes, Genetics</i> , <b>2014</b> , 4, 957-71	3.2	32
39	Regulation of Mycobacterium-specific mononuclear cell responses by 25-hydroxyvitamin D3. <i>PLoS ONE</i> , <b>2011</b> , 6, e21674	3.7	30
38	The goat (Capra hircus) mammary gland secretory tissue proteome as influenced by weight loss: A study using label free proteomics. <i>Journal of Proteomics</i> , <b>2016</b> , 145, 60-69	3.9	30
37	Proteomic analysis reveals protein expression differences in Escherichia coli strains associated with persistent versus transient mastitis. <i>Journal of Proteomics</i> , <b>2014</b> , 108, 373-81	3.9	27
36	Characterization of Carotenoid-protein Complexes and Gene Expression Analysis Associated with Carotenoid Sequestration in Pigmented Cassava (Manihot Esculenta Crantz) Storage Root. <i>The Open Biochemistry Journal</i> , <b>2012</b> , 6, 116-30	0.9	23
35	Neonatal calf infection with respiratory syncytial virus: drawing parallels to the disease in human infants. <i>Viruses</i> , <b>2012</b> , 4, 3731-53	6.2	21
34	The need for agriculture phenotyping: "moving from genotype to phenotype". <i>Journal of Proteomics</i> , <b>2013</b> , 93, 20-39	3.9	17
33	Genomic and Transcriptomic Analysis of Escherichia coli Strains Associated with Persistent and Transient Bovine Mastitis and the Role of Colanic Acid. <i>Infection and Immunity</i> , <b>2018</b> , 86,	3.7	16
32	The Ca(2+)/H(+) antiporter TMEM165 expression, localization in the developing, lactating and involuting mammary gland parallels the secretory pathway Ca(2+) ATPase (SPCA1). <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 445, 417-21	3.4	16
31	Pseudomonas exotoxin-mediated delivery of exogenous antigens to MHC class I and class II processing pathways. <i>Cellular Immunology</i> , <b>2000</b> , 203, 75-83	4.4	16
30	The Mammary Gland in Mucosal and Regional Immunity <b>2015</b> , 2269-2306		13
29	Identification of a reliable fixative solution to preserve the complex architecture of bacterial biofilms for scanning electron microscopy evaluation. <i>PLoS ONE</i> , <b>2020</b> , 15, e0233973	3.7	12
28	Utility, limitations, and promise of proteomics in animal science. <i>Veterinary Immunology and Immunopathology</i> , <b>2010</b> , 138, 241-51	2	12

27	Composition and Potency Characterization of Mycobacterium avium subsp. paratuberculosis Purified Protein Derivatives. <i>PLoS ONE</i> , <b>2016</b> , 11, e0154685	3.7	10
26	The Escherichia coli O157:H7 bovine rumen fluid proteome reflects adaptive bacterial responses. <i>BMC Microbiology</i> , <b>2014</b> , 14, 48	4.5	9
25	Differential Gene Expression of Three Mastitis-Causing Strains Grown under Planktonic, Swimming, and Swarming Culture Conditions. <i>MSystems</i> , <b>2016</b> , 1,	7.6	9
24	Avian Intestinal Mucus Modulates Gene Expression in a Host-Specific Manner. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 3215	5.7	7
23	Lactation stage impacts the glycolytic function of bovine CD4 T cells during ex vivo activation. <i>Scientific Reports</i> , <b>2020</b> , 10, 4045	4.9	5
22	Preliminary Analysis of the Proteome of Exhaled Breath Condensate in Bottlenose Dolphins ( <i>Tursiops truncatus</i> ). <i>Aquatic Mammals</i> , <b>2018</b> , 44, 256-266	3.1	4
21	Domestic animal proteomics in the 21st century: A global retrospective and viewpoint analysis. <i>Journal of Proteomics</i> , <b>2021</b> , 241, 104220	3.9	4
20	MicroRNA profiles of dry secretions through the first three weeks of the dry period from Holstein cows. <i>Scientific Reports</i> , <b>2019</b> , 9, 19658	4.9	4
19	Characterization of bovine mammary gland dry secretions and their proteome from the end of lactation through day 21 of the dry period. <i>Journal of Proteomics</i> , <b>2020</b> , 223, 103831	3.9	3
18	Case report: characterization of a persistent, treatment-resistant, novel Staphylococcus aureus infection causing chronic mastitis in a Holstein dairy cow. <i>BMC Veterinary Research</i> , <b>2020</b> , 16, 336	2.7	3
17	Distinct transcriptional profiles of Leptospira borgpetersenii serovar Hardjo strains JB197 and HB203 cultured at different temperatures. <i>PLoS Neglected Tropical Diseases</i> , <b>2021</b> , 15, e0009320	4.8	3
16	Differential phenotype of immune cells in blood and milk following pegylated granulocyte colony-stimulating factor therapy during a chronic Staphylococcus aureus infection in lactating Holsteins. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 9268-9284	4	3
15	Membrane and Cytoplasmic Proteins of subspecies that Bind to Novel Monoclonal Antibodies. <i>Microorganisms</i> , <b>2018</b> , 6,	4.9	3
14	The Queen Conch (Lobatus gigas) Proteome: A Valuable Tool for Biological Studies in Marine Gastropods. <i>Protein Journal</i> , <b>2019</b> , 38, 628-639	3.9	2
13	Sequence Analysis of Bitter Taste Receptor Gene Repertoires in Different Ruminant Species. <i>PLoS ONE</i> , <b>2015</b> , 10, e0124933	3.7	2
12	Genome Sequences of Strains That Cause Persistent and Transient Mastitis. <i>Genome Announcements</i> , <b>2017</b> , 5,		1
11	Evaluation of LipL32 and LigA/LigB Knockdown Mutants in Serovar Copenhageni: Impacts to Proteome and Virulence.. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 799012	5.7	1
10	Genome Sequence of a Staphylococcus aureus Strain Isolated from a Dairy Cow That Was Nonresponsive to Antibiotic Treatment. <i>Microbiology Resource Announcements</i> , <b>2020</b> , 9,	1.3	1

- 9 Expression of Viral microRNAs in Serum and White Blood Cells of Cows Exposed to Bovine Leukemia Virus. *Frontiers in Veterinary Science*, **2020**, 7, 536390 3.1 ○
- 8 Some like it hot, some like it cold; proteome comparison of *Leptospira borgpetersenii* serovar Hardjo strains propagated at different temperatures.. *Journal of Proteomics*, **2022**, 262, 104602 3.9 ○
- 7 Considerations for Farm Animal Proteomic Experiments: An Introductory View Gel-Based Versus Non-gel-Based Approaches **2018**, 7-16
- 6 Methods and Approaches to Mass Spectroscopy-Based Protein Identification 77-101
- 5 Dataset of bovine mammary gland dry secretion proteome from the end of lactation through day 21 of the dry period. *Data in Brief*, **2020**, 31, 105954 1.2
- 4 Identification of a reliable fixative solution to preserve the complex architecture of bacterial biofilms for scanning electron microscopy evaluation **2020**, 15, e0233973
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