John D Lippolis

List of Publications by Year in Descending Order

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	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	0
61	Evaluation of LipL32 and LigA/LigB Knockdown Mutants in Serovar Copenhageni: Impacts to Proteome and Virulence.. *Frontiers in Microbiology*, **2021**, 12, 799012	5.7	1
60	Distinct transcriptional profiles of Leptospira borgpetersenii serovar Hardjo strains JB197 and HB203 cultured at different temperatures. *PLoS Neglected Tropical Diseases*, **2021**, 15, e0009320	4.8	3
59	Domestic animal proteomics in the 21st century: A global retrospective and viewpoint analysis. *Journal of Proteomics*, **2021**, 241, 104220	3.9	4
58	Identification of a reliable fixative solution to preserve the complex architecture of bacterial biofilms for scanning electron microscopy evaluation. *PLoS ONE*, **2020**, 15, e0233973	3.7	12
57	Lactation stage impacts the glycolytic function of bovine CD4 T cells during ex vivo activation. *Scientific Reports*, **2020**, 10, 4045	4.9	5
56	Genome Sequence of a Staphylococcus aureus Strain Isolated from a Dairy Cow That Was Nonresponsive to Antibiotic Treatment. *Microbiology Resource Announcements*, **2020**, 9,	1.3	1
55	Characterization of bovine mammary gland dry secretions and their proteome from the end of lactation through day 21 of the dry period. *Journal of Proteomics*, **2020**, 223, 103831	3.9	3
54	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	0
53	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	
52	Case report: characterization of a persistent, treatment-resistant, novel Staphylococcus aureus infection causing chronic mastitis in a Holstein dairy cow. *BMC Veterinary Research*, **2020**, 16, 336	2.7	3
51	Identification of a reliable fixative solution to preserve the complex architecture of bacterial biofilms for scanning electron microscopy evaluation **2020**, 15, e0233973		
50	Identification of a reliable fixative solution to preserve the complex architecture of bacterial biofilms for scanning electron microscopy evaluation **2020**, 15, e0233973		
49	Identification of a reliable fixative solution to preserve the complex architecture of bacterial biofilms for scanning electron microscopy evaluation **2020**, 15, e0233973		
48	Identification of a reliable fixative solution to preserve the complex architecture of bacterial biofilms for scanning electron microscopy evaluation **2020**, 15, e0233973		
47	The Queen Conch (Lobatus gigas) Proteome: A Valuable Tool for Biological Studies in Marine Gastropods. *Protein Journal*, **2019**, 38, 628-639	3.9	2
46	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. *Journal of Dairy Science*, **2019**, 102, 9268-9284	4	3

45	MicroRNA profiles of dry secretions through the first three weeks of the dry period from Holstein cows. *Scientific Reports*, **2019**, 9, 19658	4.9	4
44	Avian Intestinal Mucus Modulates Gene Expression in a Host-Specific Manner. *Frontiers in Microbiology*, **2018**, 9, 3215	5.7	7
43	Considerations for Farm Animal Proteomic Experiments: An Introductory View Gel-Based Versus Non-gel-Based Approaches **2018**, 7-16		
42	Genomic and Transcriptomic Analysis of Escherichia coli Strains Associated with Persistent and Transient Bovine Mastitis and the Role of Colanic Acid. *Infection and Immunity*, **2018**, 86,	3.7	16
41	Preliminary Analysis of the Proteome of Exhaled Breath Condensate in Bottlenose Dolphins (Tursiops truncatus). *Aquatic Mammals*, **2018**, 44, 256-266	3.1	4
40	Membrane and Cytoplasmic Proteins of subspecies that Bind to Novel Monoclonal Antibodies. *Microorganisms*, **2018**, 6,	4.9	3
39	Genome Sequences of Strains That Cause Persistent and Transient Mastitis. *Genome Announcements*, **2017**, 5,		1
38	Vitamin D status of dairy cattle: Outcomes of current practices in the dairy industry. *Journal of Dairy Science*, **2016**, 99, 10150-10160	4	34
37	Composition and Potency Characterization of Mycobacterium avium subsp. paratuberculosis Purified Protein Derivatives. *PLoS ONE*, **2016**, 11, e0154685	3.7	10
36	Differential Gene Expression of Three Mastitis-Causing Strains Grown under Planktonic, Swimming, and Swarming Culture Conditions. *MSystems*, **2016**, 1,	7.6	9
35	The goat (Capra hircus) mammary gland secretory tissue proteome as influenced by weight loss: A study using label free proteomics. *Journal of Proteomics*, **2016**, 145, 60-69	3.9	30
34	Multiple □defensin genes are upregulated by the vitamin D pathway in cattle. *Journal of Steroid Biochemistry and Molecular Biology*, **2015**, 154, 120-9	5.1	42
33	MicroRNA expression profiles of bovine milk exosomes in response to Staphylococcus aureus infection. *BMC Genomics*, **2015**, 16, 806	4.5	116
32	The Mammary Gland in Mucosal and Regional Immunity **2015**, 2269-2306		13
31	Sequence Analysis of Bitter Taste Receptor Gene Repertoires in Different Ruminant Species. *PLoS ONE*, **2015**, 10, e0124933	3.7	2
30	The Escherichia coli O157:H7 bovine rumen fluid proteome reflects adaptive bacterial responses. *BMC Microbiology*, **2014**, 14, 48	4.5	9
29	Proteomic analysis reveals protein expression differences in Escherichia coli strains associated with persistent versus transient mastitis. *Journal of Proteomics*, **2014**, 108, 373-81	3.9	27
28	The Ca(2+)/H(+) antiporter TMEM165 expression, localization in the developing, lactating and involuting mammary gland parallels the secretory pathway Ca(2+) ATPase (SPCA1). *Biochemical and Biophysical Research Communications*, **2014**, 445, 417-21	3.4	16

27	MicroRNA regulation of bovine monocyte inflammatory and metabolic networks in an in vivo infection model. *G3: Genes, Genomes, Genetics*, **2014**, 4, 957-71	3.2	32
26	Bovine milk proteome: quantitative changes in normal milk exosomes, milk fat globule membranes and whey proteomes resulting from Staphylococcus aureus mastitis. *Journal of Proteomics*, **2013**, 82, 141-54	3.9	129
25	The need for agriculture phenotyping: "moving from genotype to phenotype". *Journal of Proteomics*, **2013**, 93, 20-39	3.9	17
24	Differential chemokine and cytokine production by neonatal bovine γδ T-cell subsets in response to viral toll-like receptor agonists and in vivo respiratory syncytial virus infection. *Immunology*, **2013**, 139, 227-44	7.8	36
23	Bovine milk exosome proteome. *Journal of Proteomics*, **2012**, 75, 1486-92	3.9	160
22	Differential expression of cytokines in response to respiratory syncytial virus infection of calves with high or low circulating 25-hydroxyvitamin D3. *PLoS ONE*, **2012**, 7, e33074	3.7	57
21	Vitamin D signaling in the bovine immune system: a model for understanding human vitamin D requirements. *Nutrients*, **2012**, 4, 181-96	6.7	49
20	Neonatal calf infection with respiratory syncytial virus: drawing parallels to the disease in human infants. *Viruses*, **2012**, 4, 3731-53	6.2	21
19	Characterization of Carotenoid-protein Complexes and Gene Expression Analysis Associated with Carotenoid Sequestration in Pigmented Cassava (Manihot Esculenta Crantz) Storage Root. *The Open Biochemistry Journal*, **2012**, 6, 116-30	0.9	23
18	Treatment of an intramammary bacterial infection with 25-hydroxyvitamin D(3). *PLoS ONE*, **2011**, 6, e25479	3.7	39
17	Prevalence of subclinical hypocalcemia in dairy herds. *Veterinary Journal*, **2011**, 188, 122-4	2.5	229
16	Regulation of Mycobacterium-specific mononuclear cell responses by 25-hydroxyvitamin D3. *PLoS ONE*, **2011**, 6, e21674	3.7	30
15	Utility, limitations, and promise of proteomics in animal science. *Veterinary Immunology and Immunopathology*, **2010**, 138, 241-51	2	12
14	In vivo activation of the intracrine vitamin D pathway in innate immune cells and mammary tissue during a bacterial infection. *PLoS ONE*, **2010**, 5, e15469	3.7	42
13	Mammary gland involution is associated with rapid down regulation of major mammary Ca2+-ATPases. *Biochemical and Biophysical Research Communications*, **2009**, 378, 99-102	3.4	52
12	Proteomic changes in Escherichia coli when grown in fresh milk versus laboratory media. *Journal of Proteome Research*, **2009**, 8, 149-58	5.6	36
11	Proteome and differential expression analysis of membrane and cytosolic proteins from Mycobacterium avium subsp. paratuberculosis strains K-10 and 187. *Journal of Bacteriology*, **2007**, 189, 1109-17	3.5	35
10	Bovine milk fat globule membrane proteome. *Journal of Dairy Research*, **2006**, 73, 406-16	1.6	199

9	Differential expression analysis of proteins from neutrophils in the periparturient period and neutrophils from dexamethasone-treated dairy cows. *Veterinary Immunology and Immunopathology*, **2006**, 111, 149-64	2	44
8	Neutrophil extracellular trap formation by bovine neutrophils is not inhibited by milk. *Veterinary Immunology and Immunopathology*, **2006**, 113, 248-55	2	96
7	Proteomic survey of bovine neutrophils. *Veterinary Immunology and Immunopathology*, **2005**, 103, 53-65	2	54
6	Null mutation in the gene encoding plasma membrane Ca2+-ATPase isoform 2 impairs calcium transport into milk. *Journal of Biological Chemistry*, **2004**, 279, 42369-73	5.4	112
5	Innate immune response to intramammary infection with Serratia marcescens and Streptococcus uberis. *Veterinary Research*, **2004**, 35, 681-700	3.8	103
4	Analysis of MHC class II antigen processing by quantitation of peptides that constitute nested sets. *Journal of Immunology*, **2002**, 169, 5089-97	5.3	74
3	Differences in the expression of human class I MHC alleles and their associated peptides in the presence of proteasome inhibitors. *Journal of Immunology*, **2001**, 167, 1212-21	5.3	70
2	Pseudomonas exotoxin-mediated delivery of exogenous antigens to MHC class I and class II processing pathways. *Cellular Immunology*, **2000**, 203, 75-83	4.4	16
1	Methods and Approaches to Mass Spectroscopy-Based Protein Identification77-101		