

John D Lippolis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8289036/publications.pdf>

Version: 2024-02-01

63
papers

2,801
citations

201658

27
h-index

175241

52
g-index

64
all docs

64
docs citations

64
times ranked

3315
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalence of subclinical hypocalcemia in dairy herds. <i>Veterinary Journal</i> , 2011, 188, 122-124.	1.7	323
2	Bovine Milk Fat Globule Membrane Proteome. <i>Journal of Dairy Research</i> , 2006, 73, 406-416.	1.4	223
3	Bovine milk exosome proteome. <i>Journal of Proteomics</i> , 2012, 75, 1486-1492.	2.4	218
4	MicroRNA expression profiles of bovine milk exosomes in response to <i>Staphylococcus aureus</i> infection. <i>BMC Genomics</i> , 2015, 16, 806.	2.8	174
5	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> , 2013, 82, 141-154.	2.4	158
6	Null Mutation in the Gene Encoding Plasma Membrane Ca ²⁺ -ATPase Isoform 2 Impairs Calcium Transport into Milk. <i>Journal of Biological Chemistry</i> , 2004, 279, 42369-42373.	3.4	128
7	Innate immune response to intramammary infection with <i>Serratia marcescens</i> and <i>Streptococcus uberis</i> . <i>Veterinary Research</i> , 2004, 35, 681-700.	3.0	114
8	Neutrophil extracellular trap formation by bovine neutrophils is not inhibited by milk. <i>Veterinary Immunology and Immunopathology</i> , 2006, 113, 248-255.	1.2	113
9	Analysis of MHC Class II Antigen Processing by Quantitation of Peptides that Constitute Nested Sets. <i>Journal of Immunology</i> , 2002, 169, 5089-5097.	0.8	88
10	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> , 2001, 167, 1212-1221.	0.8	77
11	Vitamin D Signaling in the Bovine Immune System: A Model for Understanding Human Vitamin D Requirements. <i>Nutrients</i> , 2012, 4, 181-196.	4.1	70
12	Proteomic survey of bovine neutrophils. <i>Veterinary Immunology and Immunopathology</i> , 2005, 103, 53-65.	1.2	67
13	Differential Expression of Cytokines in Response to Respiratory Syncytial Virus Infection of Calves with High or Low Circulating 25-Hydroxyvitamin D ₃ . <i>PLoS ONE</i> , 2012, 7, e33074.	2.5	67
14	MicroRNA Regulation of Bovine Monocyte Inflammatory and Metabolic Networks in an <i>In Vivo</i> Infection Model. <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 957-971.	1.8	62
15	Multiple β -defensin genes are upregulated by the vitamin D pathway in cattle. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 154, 120-129.	2.5	62
16	In Vivo Activation of the Intracrine Vitamin D Pathway in Innate Immune Cells and Mammary Tissue during a Bacterial Infection. <i>PLoS ONE</i> , 2010, 5, e15469.	2.5	57
17	Mammary gland involution is associated with rapid down regulation of major mammary Ca ²⁺ -ATPases. <i>Biochemical and Biophysical Research Communications</i> , 2009, 378, 99-102.	2.1	56
18	Vitamin D status of dairy cattle: Outcomes of current practices in the dairy industry. <i>Journal of Dairy Science</i> , 2016, 99, 10150-10160.	3.4	54

#	ARTICLE	IF	CITATIONS
19	Treatment of an Intramammary Bacterial Infection with 25-Hydroxyvitamin D3. PLoS ONE, 2011, 6, e25479.	2.5	49
20	Differential expression analysis of proteins from neutrophils in the periparturient period and neutrophils from dexamethasone-treated dairy cows. Veterinary Immunology and Immunopathology, 2006, 111, 149-164.	1.2	47
21	Differential chemokine and cytokine production by neonatal bovine T cell subsets in response to viral toll-like receptor agonists and <i>in vivo</i> respiratory syncytial virus infection. Immunology, 2013, 139, 227-244.	4.4	42
22	Proteomic Changes in <i>Escherichia coli</i> When Grown in Fresh Milk versus Laboratory Media. Journal of Proteome Research, 2009, 8, 149-158.	3.7	40
23	Proteome and Differential Expression Analysis of Membrane and Cytosolic Proteins from <i>Mycobacterium avium</i> subsp. paratuberculosis Strains K-10 and 187. Journal of Bacteriology, 2007, 189, 1109-1117.	2.2	39
24	Regulation of <i>Mycobacterium</i> -Specific Mononuclear Cell Responses by 25-Hydroxyvitamin D3. PLoS ONE, 2011, 6, e21674.	2.5	38
25	The goat (<i>Capra hircus</i>) mammary gland secretory tissue proteome as influenced by weight loss: A study using label free proteomics. Journal of Proteomics, 2016, 145, 60-69.	2.4	36
26	Identification of a reliable fixative solution to preserve the complex architecture of bacterial biofilms for scanning electron microscopy evaluation. PLoS ONE, 2020, 15, e0233973.	2.5	32
27	Proteomic analysis reveals protein expression differences in <i>Escherichia coli</i> strains associated with persistent versus transient mastitis. Journal of Proteomics, 2014, 108, 373-381.	2.4	30
28	Genomic and Transcriptomic Analysis of <i>Escherichia coli</i> Strains Associated with Persistent and Transient Bovine Mastitis and the Role of Colanic Acid. Infection and Immunity, 2018, 86, .	2.2	28
29	Characterization of Carotenoid-protein Complexes and Gene Expression Analysis Associated with Carotenoid Sequestration in Pigmented Cassava (<i>Manihot Esculenta</i> Crantz) Storage Root. The Open Biochemistry Journal, 2012, 6, 116-130.	0.5	25
30	Neonatal Calf Infection with Respiratory Syncytial Virus: Drawing Parallels to the Disease in Human Infants. Viruses, 2012, 4, 3731-3753.	3.3	24
31	The need for agriculture phenotyping: "Moving from genotype to phenotype" Journal of Proteomics, 2013, 93, 20-39.	2.4	20
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). Biochemical and Biophysical Research Communications, 2014, 445, 417-421.	2.1	20
33	The Mammary Gland in Mucosal and Regional Immunity. , 2015, , 2269-2306.		20
34	<i>Pseudomonas</i> Exotoxin-Mediated Delivery of Exogenous Antigens to MHC Class I and Class II Processing Pathways. Cellular Immunology, 2000, 203, 75-83.	3.0	18
35	Avian Intestinal Mucus Modulates <i>Campylobacter jejuni</i> Gene Expression in a Host-Specific Manner. Frontiers in Microbiology, 2018, 9, 3215.	3.5	15
36	Utility, limitations, and promise of proteomics in animal science. Veterinary Immunology and Immunopathology, 2010, 138, 241-251.	1.2	13

#	ARTICLE	IF	CITATIONS
37	Domestic animal proteomics in the 21st century: A global retrospective and viewpoint analysis. <i>Journal of Proteomics</i> , 2021, 241, 104220.	2.4	13
38	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
39	Differential Gene Expression of Three Mastitis-Causing <i>Escherichia coli</i> Strains Grown under Planktonic, Swimming, and Swarming Culture Conditions. <i>MSystems</i> , 2016, 1, .	3.8	12
40	Case report: characterization of a persistent, treatment-resistant, novel <i>Staphylococcus aureus</i> infection causing chronic mastitis in a Holstein dairy cow. <i>BMC Veterinary Research</i> , 2020, 16, 336.	1.9	12
41	Composition and Potency Characterization of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> Purified Protein Derivatives. <i>PLoS ONE</i> , 2016, 11, e0154685.	2.5	12
42	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
43	The <i>Escherichia coli</i> O157:H7 bovine rumen fluid proteome reflects adaptive bacterial responses. <i>BMC Microbiology</i> , 2014, 14, 48.	3.3	10
44	MicroRNA profiles of dry secretions through the first three weeks of the dry period from Holstein cows. <i>Scientific Reports</i> , 2019, 9, 19658.	3.3	10
45	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> , 2020, 223, 103831.	2.4	9
46	Differential phenotype of immune cells in blood and milk following pegylated granulocyte colony-stimulating factor therapy during a chronic <i>Staphylococcus aureus</i> infection in lactating Holsteins. <i>Journal of Dairy Science</i> , 2019, 102, 9268-9284.	3.4	8
47	Lactation stage impacts the glycolytic function of bovine CD4+ T cells during <i>ex vivo</i> activation. <i>Scientific Reports</i> , 2020, 10, 4045.	3.3	8
48	Membrane and Cytoplasmic Proteins of <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> that Bind to Novel Monoclonal Antibodies. <i>Microorganisms</i> , 2018, 6, 127.	3.6	6
49	Expression of Viral microRNAs in Serum and White Blood Cells of Cows Exposed to Bovine Leukemia Virus. <i>Frontiers in Veterinary Science</i> , 2020, 7, 536390.	2.2	6
50	Preliminary Analysis of the Proteome of Exhaled Breath Condensate in Bottlenose Dolphins (<i>Tursiops</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.7	6
51	The Queen Conch (<i>Lobatus gigas</i>) Proteome: A Valuable Tool for Biological Studies in Marine Gastropods. <i>Protein Journal</i> , 2019, 38, 628-639.	1.6	5
52	Sequence Analysis of Bitter Taste Receptor Gene Repertoires in Different Ruminant Species. <i>PLoS ONE</i> , 2015, 10, e0124933.	2.5	4
53	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
54	Effect of Holstein genotype on immune response to an intramammary <i>Escherichia coli</i> challenge. <i>Journal of Dairy Science</i> , 2022, 105, 5435-5448.	3.4	2

#	ARTICLE	IF	CITATIONS
55	Proteomic response of <i>Turicibacter bilis</i> MMM721 to chicken bile and its bile acids. <i>BMC Research Notes</i> , 2022, 15, .	1.4	2
56	Genome Sequences of <i>Escherichia coli</i> Strains That Cause Persistent and Transient Mastitis. <i>Genome Announcements</i> , 2017, 5, .	0.8	1
57	Genome Sequence of a <i>Staphylococcus aureus</i> Strain Isolated from a Dairy Cow That Was Nonresponsive to Antibiotic Treatment. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	1
58	Considerations for Farm Animal Proteomic Experiments: An Introductory View Gel-Based Versus Non-gel-Based Approaches. , 2018, , 7-16.		0
59	Dataset of bovine mammary gland dry secretion proteome from the end of lactation through day 21 of the dry period. <i>Data in Brief</i> , 2020, 31, 105954.	1.0	0
60	Title is missing!. , 2020, 15, e0233973.		0
61	Title is missing!. , 2020, 15, e0233973.		0
62	Title is missing!. , 2020, 15, e0233973.		0
63	Title is missing!. , 2020, 15, e0233973.		0