

Theresa M Casey

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

2,315
citations

471061

17
h-index

214527

47
g-index

81
all docs

81
docs citations

81
times ranked

3679
citing authors

#	ARTICLE	IF	CITATIONS
1	The Genome Sequence of Taurine Cattle: A Window to Ruminant Biology and Evolution. <i>Science</i> , 2009, 324, 522-528.	6.0	1,038
2	Molecular signatures suggest a major role for stromal cells in development of invasive breast cancer. <i>Breast Cancer Research and Treatment</i> , 2009, 114, 47-62.	1.1	197
3	The bovine lactation genome: insights into the evolution of mammalian milk. <i>Genome Biology</i> , 2009, 10, R43.	13.9	164
4	Cancer associated fibroblasts stimulated by transforming growth factor beta1 (TGF- β 1) increase invasion rate of tumor cells: a population study. <i>Breast Cancer Research and Treatment</i> , 2008, 110, 39-49.	1.1	112
5	The Role of Glucocorticoids in Secretory Activation and Milk Secretion, a Historical Perspective. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2007, 12, 293-304.	1.0	58
6	Genomewide Association Analyses of Lactation Persistency and Milk Production Traits in Holstein Cattle Based on Imputed Whole-Genome Sequence Data. <i>Genes</i> , 2021, 12, 1830.	1.0	39
7	Tissue-Specific Changes in Molecular Clocks During the Transition from Pregnancy to Lactation in Mice1. <i>Biology of Reproduction</i> , 2014, 90, 127.	1.2	38
8	Effect of high-fat diet on secreted milk transcriptome in midlactation mice. <i>Physiological Genomics</i> , 2017, 49, 747-762.	1.0	37
9	Molecular Signatures Reveal Circadian Clocks May Orchestrate the Homeorhetic Response to Lactation. <i>PLoS ONE</i> , 2009, 4, e7395.	1.1	36
10	LACTATION BIOLOGY SYMPOSIUM: Circadian clocks as mediators of the homeorhetic response to lactation1. <i>Journal of Animal Science</i> , 2012, 90, 744-754.	0.2	36
11	Does the circadian system regulate lactation?. <i>Animal</i> , 2012, 6, 394-402.	1.3	35
12	Higher Stromal Expression of Transforming Growth Factor-beta Type II Receptors is Associated with Poorer Prognosis Breast Tumors. <i>Breast Cancer Research and Treatment</i> , 2003, 79, 149-159.	1.1	33
13	Characterization of mammary stromal remodeling during the dry period. <i>Journal of Dairy Science</i> , 2010, 93, 2433-2443.	1.4	28
14	Transcriptomes reveal alterations in gravity impact circadian clocks and activate mechanotransduction pathways with adaptation through epigenetic change. <i>Physiological Genomics</i> , 2015, 47, 113-128.	1.0	28
15	Homeorhetic adaptation to lactation: comparative transcriptome analysis of mammary, liver, and adipose tissue during the transition from pregnancy to lactation in rats. <i>Functional and Integrative Genomics</i> , 2011, 11, 193-202.	1.4	23
16	CLOCK regulates mammary epithelial cell growth and differentiation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R1125-R1134.	0.9	20
17	Relationship Between Sleep Quality, Depression Symptoms, and Blood Glucose in Pregnant Women. <i>Western Journal of Nursing Research</i> , 2019, 41, 1222-1240.	0.6	19
18	Chronic prepartum light-dark phase shifts in cattle disrupt circadian clocks, decrease insulin sensitivity and mammary development, and are associated with lower milk yield through 60 days postpartum. <i>Journal of Dairy Science</i> , 2021, 104, 2422-2437.	1.4	17

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19	The potential of identifying replacement gilts by screening for lipid biomarkers in reproductive tract swabs taken at weaning. <i>Journal of Applied Animal Research</i> , 2018, 46, 667-676.	0.4	16
20	In a hypergravity environment neonatal survival is adversely affected by alterations in dam tissue metabolism rather than reduced food intake. <i>Journal of Applied Physiology</i> , 2007, 102, 2186-2193.	1.2	15
21	Does Circadian Disruption Play a Role in the Metabolic-Hormonal Link to Delayed Lactogenesis II?. <i>Frontiers in Nutrition</i> , 2015, 2, 4.	1.6	15
22	Transcriptome Analysis of Epithelial and Stromal Contributions to Mammogenesis in Three Week Parturient Cows. <i>PLoS ONE</i> , 2011, 6, e22541.	1.1	15
23	Mammary Epithelial Cells Treated Concurrently with TGF- β 1 and TGF- β 2 Exhibit Enhanced Proliferation and Death. <i>Experimental Biology and Medicine</i> , 2007, 232, 1027-1040.	1.1	14
24	Serotonergic and Circadian Systems: Driving Mammary Gland Development and Function. <i>Frontiers in Physiology</i> , 2016, 7, 301.	1.3	14
25	Hypergravity disruption of homeostatic adaptations to lactation in rat dams include changes in circadian clocks. <i>Biology Open</i> , 2012, 1, 570-581.	0.6	12
26	Lipidome profiles of postnatal day 2 vaginal swabs reflect fat composition of gilt's postnatal diet. <i>PLoS ONE</i> , 2019, 14, e0215186.	1.1	12
27	Delayed Lactogenesis II is Associated With Lower Sleep Efficiency and Greater Variation in Nightly Sleep Duration in the Third Trimester. <i>Journal of Human Lactation</i> , 2019, 35, 713-724.	0.8	12
28	Changes in sow milk lipidome across lactation occur in fatty acyl residues of triacylglycerol and phosphatidylglycerol lipids, but not in plasma membrane phospholipids. <i>Animal</i> , 2021, 15, 100280.	1.3	12
29	Effects of transforming growth factor- β 2 on mammary remodeling during the dry period of dairy cows. <i>Journal of Dairy Science</i> , 2011, 94, 6036-6046.	1.4	11
30	Maternal high-fat diet exposure during gestation, lactation, or gestation and lactation differentially affects intestinal morphology and proteome of neonatal mice. <i>Nutrition Research</i> , 2019, 66, 48-60.	1.3	11
31	High-fat-diet induced obesity increases the proportion of linoleic acyl residues in dam serum and milk and in suckling neonate circulation. <i>Biology of Reproduction</i> , 2020, 103, 736-749.	1.2	11
32	INVOLUTION OF MOUSE MAMMARY GLANDS DURING WHOLE ORGAN CULTURE OCCURS VIA APOPTOSIS OF EPITHELIAL TISSUE. <i>Cell Biology International</i> , 1996, 20, 763-767.	1.4	10
33	Shotgun proteome analysis of seminal plasma differentiate boars by reproductive performance. <i>Theriogenology</i> , 2020, 157, 130-139.	0.9	10
34	Pregnancy rest-activity patterns are related to salivary cortisol rhythms and maternal-fetal health indicators in women from a disadvantaged population. <i>PLoS ONE</i> , 2020, 15, e0229567.	1.1	10
35	Exposure to chronic light-dark phase shifts during the prepartum nonlactating period attenuates circadian rhythms, decreases blood glucose, and increases milk yield in the subsequent lactation. <i>Journal of Dairy Science</i> , 2020, 103, 2784-2799.	1.4	10
36	Estrogen Affects Development of Alveolar Structures in Whole-Organ Culture of Mouse Mammary Glands. <i>Biochemical and Biophysical Research Communications</i> , 1997, 232, 340-344.	1.0	9

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37	Profiling solute-carrier transporters in key metabolic tissues during the postpartum evolution of mammary epithelial cells from nonsecretory to secretory. <i>Physiological Genomics</i> , 2019, 51, 539-552.	1.0	9
38	Effect of circadian system disruption on the concentration and daily oscillations of cortisol, progesterone, melatonin, serotonin, growth hormone, and core body temperature in periparturient dairy cattle. <i>Journal of Dairy Science</i> , 2022, 105, 2651-2668.	1.4	9
39	Effect of Transforming Growth Factor-beta (TGF- β^2) on Mammary Development. <i>Journal of Dairy Science</i> , 2003, 86, E16-E27.	1.4	8
40	Diet Impacts Pre-implantation Histotroph Proteomes in Beef Cattle. <i>Journal of Proteome Research</i> , 2018, 17, 2144-2155.	1.8	7
41	Core circadian clock transcription factor BMAL1 regulates mammary epithelial cell growth, differentiation, and milk component synthesis. <i>PLoS ONE</i> , 2021, 16, e0248199.	1.1	7
42	Circadian rhythms of ewes suckling singletons versus twins during the second week of lactation. <i>Bios</i> , 2014, 85, 207-217.	0.0	6
43	Mammary core clock gene expression is impacted by photoperiod exposure during the dry period in goats. <i>Journal of Applied Animal Research</i> , 2018, 46, 1214-1219.	0.4	6
44	From Reductionism to Reintegration: Solving society's most pressing problems requires building bridges between data types across the life sciences. <i>PLoS Biology</i> , 2021, 19, e3001129.	2.6	6
45	Circadian clocks and their role in lactation competence. <i>Domestic Animal Endocrinology</i> , 2022, 78, 106680.	0.8	6
46	Glucocorticoids Maintain the Extracellular Matrix of Differentiated Mammary Tissue During Explant and Whole Organ Culture. <i>Proceedings of the Society for Experimental Biology and Medicine</i> , 2000, 224, 76-86.	2.0	6
47	Transcriptome analysis reveals disruption of circadian rhythms in late gestation dairy cows may increase risk for fatty liver and reduced mammary remodeling. <i>Physiological Genomics</i> , 2021, 53, 441-455.	1.0	6
48	Temporal analysis of vaginal proteome reveals developmental changes in lower reproductive tract of gilts across the first two weeks postnatal. <i>Scientific Reports</i> , 2019, 9, 13241.	1.6	5
49	Mammary transcriptome reveals cell maintenance and protein turnover support milk synthesis in early-lactation cows. <i>Physiological Genomics</i> , 2020, 52, 435-450.	1.0	5
50	Relative Late Gestational Muscle and Adipose Thickness Reflect the Amount of Mobilization of These Tissues in Periparturient Dairy Cattle. <i>Animals</i> , 2021, 11, 2157.	1.0	5
51	A standardized model to study effects of varying 24-h colostrum dose on postnatal growth and development. <i>Translational Animal Science</i> , 2020, 4, txaa212.	0.4	5
52	Evaluation of on-farm indicators of gilt reproductive performance potential at 21 days of age1. <i>Translational Animal Science</i> , 2020, 4, txaa210.	0.4	5
53	Circadian clocks and their integration with metabolic and reproductive systems: our current understanding and its application to the management of dairy cows. <i>Journal of Animal Science</i> , 2022, 100, .	0.2	5
54	Continuously Changing Light-Dark Phase Decreases Milk Yield, Fat, Protein and Lactose in Dairy Cows. <i>Journal of Advances in Dairy Research</i> , 2015, 02, .	0.5	4

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55	Relationship of cow and calf circulating lipidomes with colostrum lipid composition and metabolic status of the cow. <i>Journal of Dairy Science</i> , 2022, 105, 1768-1787.	1.4	4
56	One-to-one relationships between milk miRNA content and protein abundance in neonate duodenum support the potential for milk miRNAs regulating neonate development. <i>Functional and Integrative Genomics</i> , 2020, 20, 645-656.	1.4	3
57	Inclusion of Oat and Yeast Culture in Sow Gestational and Lactational Diets Alters Immune and Antimicrobial Associated Proteins in Milk. <i>Animals</i> , 2021, 11, 497.	1.0	3
58	Impact of Exposure to Chronic Lightâ€“Dark Phase Shifting Circadian Rhythm Disruption on Muscle Proteome in Periparturient Dairy Cows. <i>Proteomes</i> , 2021, 9, 35.	1.7	3
59	Physiological state and photoperiod exposures differentially influence circadian rhythms of body temperature and prolactin and relate to changes in mammary PER1 expression in late pregnant and early lactation dairy goats. <i>Small Ruminant Research</i> , 2021, 200, 106394.	0.6	3
60	The Effects of Spaceflight on Mammary Metabolism in Pregnantâ€“Rats. <i>Proceedings of the Society for Experimental Biology and Medicine</i> , 1999, 222, 85-89.	2.0	3
61	Global transcriptional differences in myokine and inflammatory genes in muscle of mature steer progeny are related to maternal lactation diet and muscle composition. <i>Physiological Genomics</i> , 2018, 50, 884-892.	1.0	2
62	Biomarkers predictive of long-term fertility found in vaginal lipidome of gilts at weaning. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	2
63	Shotgun proteomics of homogenate milk reveals dynamic changes in protein abundances between colostrum, transitional, and mature milk of swine. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	2
64	Women and Minorities in Animal Science: Do Issues Exist?. <i>Journal of Dairy Science</i> , 2003, 86, E35-E46.	1.4	1
65	Mammary Development in Gilts at One Week Postnatal Is Related to Plasma Lysine Concentration at 24 h after Birth, but Not Colostrum Dose. <i>Animals</i> , 2021, 11, 2867.	1.0	1
66	Analysis of the relationship of blood metabolites with white blood cells in periparturient dairy cattle. <i>Journal of Student Research</i> , 2019, 8, .	0.0	1
67	Integration of a gene marker into mouse mammary glands during whole organ culture. <i>Cytotechnology</i> , 1995, 17, 251-256.	0.7	0
68	1125 Photoperiod manipulations during the dry period significantly impact mammary circadian clock in goats. <i>Journal of Animal Science</i> , 2016, 94, 540-540.	0.2	0
69	PSV-7 Colostrum Intake Level Is Related to Level of Total Circulating Proteins and Essential Amino Acids. <i>Journal of Animal Science</i> , 2021, 99, 209-209.	0.2	0
70	49 Histomorphologic Analysis of the Effect of Day and Level of Colostrum Intake on Jejunum Development. <i>Journal of Animal Science</i> , 2021, 99, 153-153.	0.2	0
71	240 Research Model of Colostrum Intake to Study Effect of Colostrum Bioactive Factors on Piglets Development. <i>Journal of Animal Science</i> , 2021, 99, 138-139.	0.2	0
72	55 Sow Milk Lipidome Study Reveals Changes in Fatty Acyl Residues in Triglycerides and Phosphatidylglycerol, but Not in Plasma Membrane Phospholipids Across Lactation. <i>Journal of Animal Science</i> , 2021, 99, 152-153.	0.2	0

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73	Glucocorticoids Maintain the Extracellular Matrix of Differentiated Mammary Tissue During Explant and Whole Organ Culture. Proceedings of the Society for Experimental Biology and Medicine, 2000, 224, 76-86.	2.0	0
74	27 Shotgun proteomics reveal seminal plasma proteomes are reflective of boar reproductive performance. Journal of Animal Science, 2020, 98, 115-115.	0.2	0
75	Title is missing!. , 2020, 15, e0229567.		0
76	Title is missing!. , 2020, 15, e0229567.		0
77	Title is missing!. , 2020, 15, e0229567.		0
78	Title is missing!. , 2020, 15, e0229567.		0