# Theresa M Casey

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6623380/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 78 papers | 2,315 citations | 471509 17 h-index | 214800 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. Science, 2009, 324, 522-528. | 12.6 | 1,038 |
| 2 | Molecular signatures suggest a major role for stromal cells in development of invasive breast cancer. Breast Cancer Research and Treatment, 2009, 114, 47-62. | 2.5 | 197 |
| 3 | The bovine lactation genome: insights into the evolution of mammalian milk. Genome Biology, 2009, 10, R43. | 9.6 | 164 |
| 4 | Cancer associated fibroblasts stimulated by transforming growth factor beta1 (TGF-Î²1) increase invasion rate of tumor cells: a population study. Breast Cancer Research and Treatment, 2008, 110, 39-49. | 2.5 | 112 |
| 5 | The Role of Glucocorticoids in Secretory Activation and Milk Secretion, a Historical Perspective. Journal of Mammary Gland Biology and Neoplasia, 2007, 12, 293-304. | 2.7 | 58 |
| 6 | Genomewide Association Analyses of Lactation Persistency and Milk Production Traits in Holstein Cattle Based on Imputed Whole-Genome Sequence Data. Genes, 2021, 12, 1830. | 2.4 | 39 |
| 7 | Tissue-Specific Changes in Molecular Clocks During the Transition from Pregnancy to Lactation in Mice1. Biology of Reproduction, 2014, 90, 127. | 2.7 | 38 |
| 8 | Effect of high-fat diet on secreted milk transcriptome in midlactation mice. Physiological Genomics, 2017, 49, 747-762. | 2.3 | 37 |
| 9 | Molecular Signatures Reveal Circadian Clocks May Orchestrate the Homeorhetic Response to Lactation. PLoS ONE, 2009, 4, e7395. | 2.5 | 36 |
| 10 | LACTATION BIOLOGY SYMPOSIUM: Circadian clocks as mediators of the homeorhetic response to lactation1. Journal of Animal Science, 2012, 90, 744-754. | 0.5 | 36 |
| 11 | Does the circadian system regulate lactation?. Animal, 2012, 6, 394-402. | 3.3 | 35 |
| 12 | Higher Stromal Expression of Transforming Growth Factor-beta Type II Receptors is Associated with Poorer Prognosis Breast Tumors. Breast Cancer Research and Treatment, 2003, 79, 149-159. | 2.5 | 33 |
| 13 | Characterization of mammary stromal remodeling during the dry period. Journal of Dairy Science, 2010, 93, 2433-2443. | 3.4 | 28 |
| 14 | Transcriptomes reveal alterations in gravity impact circadian clocks and activate mechanotransduction pathways with adaptation through epigenetic change. Physiological Genomics, 2015, 47, 113-128. | 2.3 | 28 |
| 15 | Homeorhetic adaptation to lactation: comparative transcriptome analysis of mammary, liver, and adipose tissue during the transition from pregnancy to lactation in rats. Functional and Integrative Genomics, 2011, 11, 193-202. | 3.5 | 23 |
| 16 | CLOCK regulates mammary epithelial cell growth and differentiation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R1125-R1134. | 1.8 | 20 |
| 17 | Relationship Between Sleep Quality, Depression Symptoms, and Blood Glucose in Pregnant Women. Western Journal of Nursing Research, 2019, 41, 1222-1240. | 1.4 | 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. Journal of Dairy Science, 2021, 104, 2422-2437. | 3.4 | 17 |

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|---|---|---|---|
| 19 | The potential of identifying replacement gilts by screening for lipid biomarkers in reproductive tract swabs taken at weaning. Journal of Applied Animal Research, 2018, 46, 667-676. | 1.2 | 16 |
| 20 | In a hypergravity environment neonatal survival is adversely affected by alterations in dam tissue metabolism rather than reduced food intake. Journal of Applied Physiology, 2007, 102, 2186-2193. | 2.5 | 15 |
| 21 | Does Circadian Disruption Play a Role in the MetabolicÃ¢â‚¬â€œHormonal Link to Delayed Lactogenesis II?. Frontiers in Nutrition, 2015, 2, 4. | 3.7 | 15 |
| 22 | Transcriptome Analysis of Epithelial and Stromal Contributions to Mammogenesis in Three Week Prepartum Cows. PLoS ONE, 2011, 6, e22541. | 2.5 | 15 |
| 23 | Mammary Epithelial Cells Treated Concurrently with TGF-Î± and TGF-Î² Exhibit Enhanced Proliferation and Death. Experimental Biology and Medicine, 2007, 232, 1027-1040. | 2.4 | 14 |
| 24 | Serotoninergic and Circadian Systems: Driving Mammary Gland Development and Function. Frontiers in Physiology, 2016, 7, 301. | 2.8 | 14 |
| 25 | Hypergravity disruption of homeorhetic adaptations to lactation in rat dams include changes in circadian clocks. Biology Open, 2012, 1, 570-581. | 1.2 | 12 |
| 26 | Lipidome profiles of postnatal day 2 vaginal swabs reflect fat composition of giltâ€™s postnatal diet. PLoS ONE, 2019, 14, e0215186. | 2.5 | 12 |
| 27 | Delayed Lactogenesis II is Associated With Lower Sleep Efficiency and Greater Variation in Nightly Sleep Duration in the Third Trimester. Journal of Human Lactation, 2019, 35, 713-724. | 1.6 | 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. Animal, 2021, 15, 100280. | 3.3 | 12 |
| 29 | Effects of transforming growth factor-Î² on mammary remodeling during the dry period of dairy cows. Journal of Dairy Science, 2011, 94, 6036-6046. | 3.4 | 11 |
| 30 | Maternal high-fat diet exposure during gestation, lactation, or gestation and lactation differentially affects intestinal morphology and proteome of neonatal mice. Nutrition Research, 2019, 66, 48-60. | 2.9 | 11 |
| 31 | High-fat-diet induced obesity increases the proportion of linoleic acyl residues in dam serum and milk and in suckling neonate circulation. Biology of Reproduction, 2020, 103, 736-749. | 2.7 | 11 |
| 32 | INVOLUTION OF MOUSE MAMMARY GLANDS DURING WHOLE ORGAN CULTURE OCCURS VIA APOPTOSIS OF EPITHELIAL TISSUE. Cell Biology International, 1996, 20, 763-767. | 3.0 | 10 |
| 33 | Shotgun proteome analysis of seminal plasma differentiate boars by reproductive performance. Theriogenology, 2020, 157, 130-139. | 2.1 | 10 |
| 34 | Pregnancy rest-activity patterns are related to salivary cortisol rhythms and maternal-fetal health indicators in women from a disadvantaged population. PLoS ONE, 2020, 15, e0229567. | 2.5 | 10 |
| 35 | Exposure to chronic lightâ€“dark phase shifts during the prepartum nonlactating period attenuates circadian rhythms, decreases blood glucose, and increases milk yield in the subsequent lactation. Journal of Dairy Science, 2020, 103, 2784-2799. | 3.4 | 10 |
| 36 | Estrogen Affects Development of Alveolar Structures in Whole-Organ Culture of Mouse Mammary Glands. Biochemical and Biophysical Research Communications, 1997, 232, 340-344. | 2.1 | 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. Physiological Genomics, 2019, 51, 539-552. | 2.3 | 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. Journal of Dairy Science, 2022, 105, 2651-2668. | 3.4 | 9 |
| 39 | Effect of Transforming Growth Factor-beta (TGF-Î²) on Mammary Development. Journal of Dairy Science, 2003, 86, E16-E27. | 3.4 | 8 |
| 40 | Diet Impacts Pre-implantation Histotroph Proteomes in Beef Cattle. Journal of Proteome Research, 2018, 17, 2144-2155. | 3.7 | 7 |
| 41 | Core circadian clock transcription factor BMAL1 regulates mammary epithelial cell growth, differentiation, and milk component synthesis. PLoS ONE, 2021, 16, e0248199. | 2.5 | 7 |
| 42 | Circadian rhythms of ewes suckling singletons versus twins during the second week of lactation. Bios, 2014, 85, 207-217. | 0.0 | 6 |
| 43 | Mammary core clock gene expression is impacted by photoperiod exposure during the dry period in goats. Journal of Applied Animal Research, 2018, 46, 1214-1219. | 1.2 | 6 |
| 44 | From Reductionism to Reintegration: Solving societyâ€™s most pressing problems requires building bridges between data types across the life sciences. PLoS Biology, 2021, 19, e3001129. | 5.6 | 6 |
| 45 | Circadian clocks and their role in lactation competence. Domestic Animal Endocrinology, 2022, 78, 106680. | 1.6 | 6 |
| 46 | 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. | 1.8 | 6 |
| 47 | Transcriptome analysis reveals disruption of circadian rhythms in late gestation dairy cows may increase risk for fatty liver and reduced mammary remodeling. Physiological Genomics, 2021, 53, 441-455. | 2.3 | 6 |
| 48 | Temporal analysis of vaginal proteome reveals developmental changes in lower reproductive tract of gilts across the first two weeks postnatal. Scientific Reports, 2019, 9, 13241. | 3.3 | 5 |
| 49 | Mammary transcriptome reveals cell maintenance and protein turnover support milk synthesis in early-lactation cows. Physiological Genomics, 2020, 52, 435-450. | 2.3 | 5 |
| 50 | Relative Late Gestational Muscle and Adipose Thickness Reflect the Amount of Mobilization of These Tissues in Periparturient Dairy Cattle. Animals, 2021, 11, 2157. | 2.3 | 5 |
| 51 | A standardized model to study effects of varying 24-h colostrum dose on postnatal growth and development. Translational Animal Science, 2020, 4, txaa212. | 1.1 | 5 |
| 52 | Evaluation of on-farm indicators of gilt reproductive performance potential at 21 days of age1. Translational Animal Science, 2020, 4, txaa210. | 1.1 | 5 |
| 53 | Circadian clocks and their integration with metabolic and reproductive systems: our current understanding and its application to the management of dairy cows. Journal of Animal Science, 2022, 100, . | 0.5 | 5 |
| 54 | Continuously Changing Light-Dark Phase Decreases Milk Yield, Fat, Protein and Lactose in Dairy Cows. Journal of Advances in Dairy Research, 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. Journal of Dairy Science, 2022, 105, 1768-1787. | 3.4 | 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. Functional and Integrative Genomics, 2020, 20, 645-656. | 3.5 | 3 |
| 57 | Inclusion of Oat and Yeast Culture in Sow Gestational and Lactational Diets Alters Immune and Antimicrobial Associated Proteins in Milk. Animals, 2021, 11, 497. | 2.3 | 3 |
| 58 | Impact of Exposure to Chronic Lightâ€“Dark Phase Shifting Circadian Rhythm Disruption on Muscle Proteome in Periparturient Dairy Cows. Proteomes, 2021, 9, 35. | 3.5 | 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. Small Ruminant Research, 2021, 200, 106394. | 1.2 | 3 |
| 60 | The Effects of Spaceflight on Mammary Metabolism in Pregnantâ€ƒRats. Proceedings of the Society for Experimental Biology and Medicine, 1999, 222, 85-89. | 1.8 | 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. Physiological Genomics, 2018, 50, 884-892. | 2.3 | 2 |
| 62 | Biomarkers predictive of long-term fertility found in vaginal lipidome of gilts at weaning. Journal of Animal Science, 2021, 99, . | 0.5 | 2 |
| 63 | Shotgun proteomics of homogenate milk reveals dynamic changes in protein abundances between colostrum, transitional, and mature milk of swine. Journal of Animal Science, 2021, 99, . | 0.5 | 2 |
| 64 | Women and Minorities in Animal Science: Do Issues Exist?. Journal of Dairy Science, 2003, 86, E35-E46. | 3.4 | 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. Animals, 2021, 11, 2867. | 2.3 | 1 |
| 66 | Analysis of the relationship of blood metabolites with white blood cells in periparturient dairy cattle. Journal of Student Research, 2019, 8, . | 0.1 | 1 |
| 67 | Integration of a gene marker into mouse mammary glands during whole organ culture. Cytotechnology, 1995, 17, 251-256. | 0.7 | 0 |
| 68 | 1125 Photoperiod manipulations during the dry period significantly impact mammary circadian clock in goats. Journal of Animal Science, 2016, 94, 540-540. | 0.5 | 0 |
| 69 | PSV-7 Colostrum Intake Level Is Related to Level of Total Circulating Proteins and Essential Amino Acids. Journal of Animal Science, 2021, 99, 209-209. | 0.5 | 0 |
| 70 | 49 Histomorphic Analysis of the Effect of Day and Level of Colostrum Intake on Jejunum Development. Journal of Animal Science, 2021, 99, 153-153. | 0.5 | 0 |
| 71 | 240 Research Model of Colostrum Intake to Study Effect of Colostrum Bioactive Factors on Piglets Development. Journal of Animal Science, 2021, 99, 138-139. | 0.5 | 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. Journal of Animal Science, 2021, 99, 152-153. | 0.5 | 0 |

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| 73 | Glucocorticoids Maintain the Extracellular Matrix of Differentiated Mammary Tissue During Explant and Whole Organâ€ƒCulture. Proceedings of the Society for Experimental Biology and Medicine, 2000, 224, 76-86. | 1.8 | 0 |
| 74 | 27 Shotgun proteomics reveal seminal plasma proteomes are reflective of boar reproductive performance. Journal of Animal Science, 2020, 98, 115-115. | 0.5 | 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 |