

# Lea A Rempel

## List of Publications by Year in descending order

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58  
papers

1,043  
citations

430754

18  
h-index

434063

31  
g-index

58  
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58  
docs citations

58  
times ranked

1161  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global analysis of differential gene expression within the porcine conceptus transcriptome as it transitions through spherical, ovoid, and tubular morphologies during the initiation of elongation. <i>Molecular Reproduction and Development</i> , 2022, 89, 175-201.	1.0	4
2	Dam parity structure and body condition during lactation influence piglet growth and gilt sexual maturation through pre-finishing. <i>Journal of Animal Science</i> , 2022, 100, .	0.2	3
3	Characterization and comparative analysis of transcriptional profiles of porcine colostrum and mature milk at different parities. <i>BMC Genomic Data</i> , 2021, 22, 25.	0.7	3
4	Genes associated with body weight gain and feed intake identified by meta-analysis of the mesenteric fat from crossbred beef steers. <i>PLoS ONE</i> , 2020, 15, e0227154.	1.1	9
5	Metabolic compounds within the porcine uterine environment are unique to the type of conceptus present during the early stages of blastocyst elongation. <i>Molecular Reproduction and Development</i> , 2020, 87, 174-190.	1.0	9
6	Genes Associated With Chromatin Modification Within the Swine Placenta Are Differentially Expressed Due to Factors Associated With Season. <i>Frontiers in Genetics</i> , 2020, 11, 1019.	1.1	2
7	The effect of varicocele on semen quality in boars exposed to heat stress <sup>1</sup> . <i>Translational Animal Science</i> , 2020, 4, 293-298.	0.4	2
8	Title is missing!. , 2020, 15, e0227154.		0
9	Title is missing!. , 2020, 15, e0227154.		0
10	Title is missing!. , 2020, 15, e0227154.		0
11	Title is missing!. , 2020, 15, e0227154.		0
12	Impact of seasonality, storage of semen, and sperm head shape on whole tissue methylation and expression of methylation responsive candidate genes in swine placenta and fetal livers from summer and winter breedings. <i>Molecular Reproduction and Development</i> , 2019, 86, 465-475.	1.0	4
13	The heritability of pampiniform plexus vessel size and varicocoele in boars. <i>Reproduction in Domestic Animals</i> , 2019, 54, 270-274.	0.6	2
14	Characterization of plasma metabolites at late gestation and lactation in early parity sows on production and post-weaning reproductive performance <sup>1</sup> . <i>Journal of Animal Science</i> , 2018, 96, 521-531.	0.2	6
15	Season of collection and sperm head shape impacts expression of CARHSP and FTL from motile-rich boar sperm. <i>Agri Gene</i> , 2018, 7, 1-6.	1.9	6
16	Genomics and metabolomics of post-weaning return to estrus. <i>Molecular Reproduction and Development</i> , 2017, 84, 987-993.	1.0	3
17	Development of pre-implantation porcine blastocysts cultured within alginate hydrogel systems either supplemented with secreted phosphoprotein 1 or conjugated with Arg-Gly-Asp Peptide. <i>Reproduction, Fertility and Development</i> , 2017, 29, 2345.	0.1	10
18	026 Genetic improvement of sow lifetime productivity. <i>Journal of Animal Science</i> , 2017, 95, 11-12.	0.2	4

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19	P2013 Impact of collection season and storage of semen on methylation activity in swine placental and fetal tissues derived from summer or winter breedings. <i>Journal of Animal Science</i> , 2016, 94, 44-44.	0.2	0
20	Non-targeted Plasma Metabolome of Early and Late Lactation Gilts. <i>Frontiers in Molecular Biosciences</i> , 2016, 3, 77.	1.6	3
21	Litter-of-origin trait effects on gilt development <sup>1</sup> . <i>Journal of Animal Science</i> , 2016, 94, 96-105.	0.2	23
22	1070 Non-targeted metabolomic evaluation of the uterine milieu during the transitional period of embryo elongation in the pig. <i>Journal of Animal Science</i> , 2016, 94, 512-513.	0.2	0
23	Uterine and placenta characteristics during early vascular development in the pig from day 22 to 42 of gestation. <i>Animal Reproduction Science</i> , 2016, 164, 14-22.	0.5	14
24	Relationships between day one piglet serum immunoglobulin immunocrit and subsequent growth, puberty attainment, litter size, and lactation performance <sup>1</sup> . <i>Journal of Animal Science</i> , 2015, 93, 2722-2729.	0.2	37
25	Contributions of the maternal uterine environment and piglet genotype on weaning survivability potential: II. Piglet growth, lactation performance, milk composition, and piglet blood profiles during lactation following reciprocal embryo transfers between Meishan and White crossbred gilts <sup>1</sup> . <i>Journal of Animal Science</i> , 2015, 93, 1555-1564.	0.2	8
26	Age at puberty, ovulation rate, and uterine length of developing gilts fed two lysine and three metabolizable energy concentrations from 100 to 260 d of age <sup>1</sup> . <i>Journal of Animal Science</i> , 2015, 93, 3521-3527.	0.2	16
27	Effect of lysozyme or antibiotics on faecal zoonotic pathogens in nursery pigs. <i>Journal of Applied Microbiology</i> , 2015, 118, 1489-1497.	1.4	25
28	Measurements of body composition during late gestation and lactation in first and second parity sows and its relationship to piglet production and post-weaning reproductive performance. <i>Livestock Science</i> , 2015, 178, 289-295.	0.6	17
29	Identifying genetic loci controlling neonatal passive transfer of immunity using a hybrid genotyping strategy. <i>Animal Genetics</i> , 2014, 45, 340-349.	0.6	13
30	Genome-wide association with delayed puberty in swine. <i>Animal Genetics</i> , 2014, 45, 130-132.	0.6	21
31	Effect of essential fatty acid and zinc supplementation during pregnancy on birth intervals, neonatal piglet brain myelination, stillbirth, and preweaning mortality <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2014, 92, 2422-2432.	0.2	14
32	A simple novel measure of passive transfer of maternal immunoglobulin is predictive of preweaning mortality in piglets. <i>Veterinary Journal</i> , 2013, 195, 91-97.	0.6	72
33	Genetic analysis of behavior traits in swine production. <i>Livestock Science</i> , 2013, 157, 28-37.	0.6	30
34	Identification of an ionotropic glutamate receptor AMPA1/GRIA1 polymorphism in crossbred beef cows differing in fertility <sup>12</sup> . <i>Journal of Animal Science</i> , 2013, 91, 2640-2646.	0.2	17
35	The relationship of plasma urea nitrogen with growth traits and age at first estrus in gilts <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2013, 91, 3137-3142.	0.2	10
36	Effect of creatine supplementation during the last week of gestation on birth intervals, stillbirth, and preweaning mortality in pigs <sup>1</sup> . <i>Journal of Animal Science</i> , 2013, 91, 2122-2132.	0.2	19

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37	Adipose and Muscle Tissue Gene Expression of Two Genes (NCAPG and LCORL) Located in a Chromosomal Region Associated with Cattle Feed Intake and Gain. <i>PLoS ONE</i> , 2013, 8, e80882.	1.1	58
38	Relationship of polymorphisms within metabolic genes and carcass traits in crossbred beef cattle <sup>1,2,3</sup> . <i>Journal of Animal Science</i> , 2012, 90, 1311-1316.	0.2	25
39	Contributions of the maternal uterine environment and piglet genotype on weaning survivability potential: I. Development of neonatal piglets after reciprocal embryo transfers between Meishan and White crossbred gilts <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2012, 90, 2181-2192.	0.2	11
40	Genome-wide association study of swine farrowing traits. Part I: Genetic and genomic parameter estimates <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2012, 90, 3353-3359.	0.2	33
41	Genome-wide association study of swine farrowing traits. Part II: Bayesian analysis of marker data <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2012, 90, 3360-3367.	0.2	51
42	Polymorphism within <i>thyroid hormone responsive</i> ( <i>THRSP</i> ) associated with weaning $\rightarrow$ oestrus interval in swine. <i>Animal Genetics</i> , 2012, 43, 364-365.	0.6	3
43	Evaluation of Bovine chemerin ( <i>RARRES2</i> ) Gene Variation on Beef Cattle Production Traits <sup>1</sup> . <i>Frontiers in Genetics</i> , 2012, 3, 39.	1.1	8
44	Association of Porcine Heparanase and Hyaluronidase 1 and 2 with Reproductive and Production Traits in a Landrace $\times$ Duroc $\times$ Yorkshire Population. <i>Frontiers in Genetics</i> , 2011, 2, 20.	1.1	7
45	Genetic parameter estimates among scale activity score and farrowing disposition with reproductive traits in swine <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2011, 89, 3514-3521.	0.2	8
46	Chromosome-substituted rat strains provide insights into the genetics of placentation. <i>Physiological Genomics</i> , 2011, 43, 930-941.	1.0	17
47	Current Genetic Technologies to Improve Efficiency of Livestock Production.. <i>Biology of Reproduction</i> , 2011, 85, 107-107.	1.2	0
48	Association analyses of candidate single nucleotide polymorphisms on reproductive traits in swine <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2010, 88, 1-15.	0.2	41
49	Subfertility Linked to Combined Luteal Insufficiency and Uterine Progesterone Resistance. <i>Endocrinology</i> , 2010, 151, 4537-4550.	1.4	24
50	Pregnancy in the Brown Norway Rat: A Model for Investigating the Genetics of Placentation <sup>1</sup> . <i>Biology of Reproduction</i> , 2007, 76, 709-718.	1.2	48
51	The Hinge Region between Two Ubiquitin-like Domains Destabilizes Recombinant ISG15 in Solution $\rightarrow$ . <i>Biochemistry</i> , 2007, 46, 772-780.	1.2	8
52	Ubp43 gene expression is required for normal Isg15 expression and fetal development. <i>Reproductive Biology and Endocrinology</i> , 2007, 5, 13.	1.4	21
53	Low blood ISG15 mRNA and progesterone levels are predictive of non-pregnant dairy cows. <i>Journal of Endocrinology</i> , 2006, 191, 505-512.	1.2	123
54	Isolation and Sequence of an Interferon- $\gamma$ -Inducible, Pregnancy- and Bovine Interferon-Stimulated Gene Product 15 (ISG15)-Specific, Bovine Ubiquitin-Activating E1-Like (UBE1L) Enzyme <sup>1</sup> . <i>Biology of Reproduction</i> , 2005, 72, 365-372.	1.2	25

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55	Interferon-Stimulated Gene-15 (Isg15) Expression Is Up-Regulated in the Mouse Uterus in Response to the Implanting Conceptus. <i>Endocrinology</i> , 2003, 144, 3107-3113.	1.4	84
56	Administration of estradiol-17 $\beta$ increases anterior pituitary IGF-I and relative amounts of serum and anterior pituitary IGF-binding proteins in barrows. <i>Journal of Animal Science</i> , 2002, 80, 214-224.	0.2	16
57	Serum concentrations of IGF-I, estradiol-17beta, testosterone, and relative amounts of IGF binding proteins (IGFBP) in growing boars, barrows, and gilts.. <i>Journal of Animal Science</i> , 2000, 78, 2581.	0.2	25
58	Mechanisms regulating the initiation of porcine conceptus elongation. <i>Molecular Reproduction and Development</i> , 0, , .	1.0	1