

Benjamin A Corl

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,617
citations

430754

18
h-index

580701

25
g-index

26
all docs

26
docs citations

26
times ranked

1469
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of Δ^9 -desaturase in the production of cis-9, trans-11 CLA. <i>Journal of Nutritional Biochemistry</i> , 2001, 12, 622-630.	1.9	344
2	Identification of the conjugated linoleic acid isomer that inhibits milk fat synthesis. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000, 278, R179-R184.	0.9	331
3	cis-9, trans-11 CLA Derived Endogenously from trans-11 18:1 Reduces Cancer Risk in Rats. <i>Journal of Nutrition</i> , 2003, 133, 2893-2900.	1.3	157
4	Trans-7,cis-9 CLA is synthesized endogenously by Δ^9 -desaturase in dairy cows in dairy cows. <i>Lipids</i> , 2002, 37, 681-688.	0.7	119
5	The Anticarcinogenic Effect of trans-11 18:1 Is Dependent on Its Conversion to cis-9, trans-11 CLA by Δ^9 -Desaturase in Rats. <i>Journal of Nutrition</i> , 2004, 134, 2698-2704.	1.3	114
6	Identification and Characterization of a Novel Bovine Stearoyl-CoA Desaturase Isoform with Homology to Human SCD5. <i>Lipids</i> , 2007, 42, 499-508.	0.7	72
7	Arginine Activates Intestinal p70S6k and Protein Synthesis in Piglet Rotavirus Enteritis. <i>Journal of Nutrition</i> , 2008, 138, 24-29.	1.3	64
8	Challenges in enriching milk fat with polyunsaturated fatty acids. <i>Journal of Animal Science and Biotechnology</i> , 2015, 6, 26.	2.1	49
9	Conjugated Linoleic Acid Reduces Body Fat Accretion and Lipogenic Gene Expression in Neonatal Pigs Fed Low- or High-Fat Formulas ³ . <i>Journal of Nutrition</i> , 2008, 138, 449-454.	1.3	43
10	Dietary Long-Chain PUFA Enhance Acute Repair of Ischemia-Injured Intestine of Suckling Pigs. <i>Journal of Nutrition</i> , 2012, 142, 1266-1271.	1.3	38
11	Effect of animal plasma proteins on intestinal damage and recovery of neonatal pigs infected with rotavirus [†] . <i>Journal of Nutritional Biochemistry</i> , 2007, 18, 778-784.	1.9	35
12	Comparison of pig, sheep and chicken SCD5 homologs: Evidence for an early gene duplication event. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2008, 150, 440-446.	0.7	32
13	Intestinal ribosomal p70S6k signaling is increased in piglet rotavirus enteritis. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, G913-G922.	1.6	29
14	Effects of acute hyperinsulinemia on inflammatory proteins in horses. <i>Veterinary Immunology and Immunopathology</i> , 2011, 142, 141-146.	0.5	26
15	Enrichment of Intestinal Mucosal Phospholipids with Arachidonic and Eicosapentaenoic Acids Fed to Suckling Piglets Is Dose and Time Dependent. <i>Journal of Nutrition</i> , 2008, 138, 2164-2171.	1.3	24
16	Acute effects of rotavirus and malnutrition on intestinal barrier function in neonatal piglets. <i>World Journal of Gastroenterology</i> , 2013, 19, 5094.	1.4	24
17	Dietary Arachidonate Differentially Alters Desaturase-Elongase Pathway Flux and Gene Expression in Liver and Intestine of Suckling Pigs. <i>Journal of Nutrition</i> , 2011, 141, 548-553.	1.3	23
18	Effects of the insulin sensitizing drug, pioglitazone, and lipopolysaccharide administration on markers of systemic inflammation and clinical parameters in horses. <i>Veterinary Immunology and Immunopathology</i> , 2012, 145, 42-49.	0.5	21

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19	Dietary conjugated linoleic acid alters long chain polyunsaturated fatty acid metabolism in brain and liver of neonatal pigs. <i>Journal of Nutritional Biochemistry</i> , 2011, 22, 1047-1054.	1.9	16
20	A Potential Role for Pro-Inflammatory Cytokines in the Development of Insulin Resistance in Horses. <i>Animals</i> , 2012, 2, 243-260.	1.0	15
21	Effects of High-Sugar and High-Starch Diets on Postprandial Inflammatory Protein Concentrations in Horses. <i>Journal of Equine Veterinary Science</i> , 2015, 35, 191-197.	0.4	12
22	Relationship between stearoyl-CoA desaturase 1 gene expression, relative protein abundance, and its fatty acid products in bovine tissues. <i>Journal of Dairy Research</i> , 2014, 81, 333-339.	0.7	11
23	Regulation of the bovine SCD5 promoter by EGR2 and SREBP1. <i>Biochemical and Biophysical Research Communications</i> , 2012, 421, 375-379.	1.0	10
24	Esterification of essential and non-essential fatty acids into distinct lipid classes in ruminant and non-ruminant tissues. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2016, 200, 1-5.	0.7	6
25	The inhibitory effect of trans-10,cis-12 conjugated linoleic acid on sterol regulatory element binding protein-1 activation in bovine mammary epithelial cells involved reduced proteasomal degradation of insulin-induced gene-1. <i>Journal of Dairy Science</i> , 2021, 104, 11306-11316.	1.4	2
26	Dietary manipulation of conjugated linoleic acid in ruminant products. <i>Proceedings of the British Society of Animal Science</i> , 2003, 2003, 219-220.	0.0	0