

G B Huntington

List of Publications by Year in descending order

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69
papers

3,457
citations

134610

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156644

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docs citations

69
times ranked

1355
citing authors

#	ARTICLE	IF	CITATIONS
1	Intake, Digestibility, and Nitrogen Balance of Steers Fed Gamagrass Baleage Topdressed at Two Rates of Nitrogen and Harvested at Sunset and Sunrise. <i>Crop Science</i> , 2010, 50, 427-437.	0.8	7
2	Urea metabolism in beef steers fed tall fescue, orchardgrass, or gamagrass hays ^{1,2} . <i>Journal of Animal Science</i> , 2009, 87, 1346-1353.	0.2	20
3	Determination of nitrogen balance in goats fed a meal produced from hydrolyzed spent hen hard tissues. <i>Journal of Animal Science</i> , 2009, 87, 1068-1076.	0.2	5
4	The addition of cottonseed hulls to the starter and supplementation of live yeast or mannanoligosaccharide in the milk for young calves. <i>Journal of Dairy Science</i> , 2009, 92, 790-798.	1.4	33
5	Evaluation of secondary protein nutrients as a substitute for soybean meal in diets for beef steers and meat goats ¹ . <i>Journal of Animal Science</i> , 2008, 86, 146-158.	0.2	10
6	The interaction of harvesting time of day of switchgrass hay and ruminal degradability of supplemental protein offered to beef steers ^{1,2} . <i>Journal of Animal Science</i> , 2008, 86, 159-166.	0.2	7
7	Nutrient synchrony: Sound in theory, elusive in practice ¹ . <i>Journal of Animal Science</i> , 2008, 86, E287-E292.	0.2	97
8	Urea metabolism in beef steers grazing Bermudagrass, Caucasian bluestem, or gamagrass pastures varying in plant morphology, protein content, and protein composition ^{1,2,3,4} . <i>Journal of Animal Science</i> , 2007, 85, 1997-2004.	0.2	5
9	Afternoon harvest increases readily fermentable carbohydrate concentration and voluntary intake of gamagrass and switchgrass baleage by beef steers ^{1,2} . <i>Journal of Animal Science</i> , 2007, 85, 276-284.	0.2	39
10	Sites, rates, and limits of starch digestion and glucose metabolism in growing cattle ¹ . <i>Journal of Animal Science</i> , 2006, 84, E14-E24.	0.2	180
11	Nitrogen metabolism in beef steers fed gamagrass or orchardgrass hay with or without a supplement. <i>Canadian Journal of Animal Science</i> , 2005, 85, 107-109.	0.7	5
12	Intake, digestion, and N metabolism in steers fed endophyte-free, ergot alkaloid-producing endophyte-infected, or nonergot alkaloid-producing endophyte-infected fescue hay ¹ . <i>Journal of Animal Science</i> , 2005, 83, 1179-1185.	0.2	41
13	Technical Note: Technique for Dissection and Analysis of the Rumen in Young Calves. <i>Journal of Dairy Science</i> , 2005, 88, 324-326.	1.4	21
14	Pancreatic exocrine secretion in steers infused posturally with casein and cornstarch ^{1,2} . <i>Journal of Animal Science</i> , 2003, 81, 1051-1056.	0.2	48
15	Nitrogen metabolism of beef steers fed endophyte-free tall fescue hay: effects of ruminally protected methionine supplementation. <i>Journal of Animal Science</i> , 2002, 80, 1344-1351.	0.2	46
16	Net absorption and utilization of nitrogenous compounds across ruminal, intestinal, and hepatic tissues of growing beef steers fed dry-rolled or steam-flaked sorghum grain ¹ . <i>Journal of Animal Science</i> , 2002, 80, 525-532.	0.2	37
17	Intestinal starch disappearance increased in steers abomasally infused with starch and protein ^{1,2} . <i>Journal of Animal Science</i> , 2002, 80, 3361-3368.	0.2	46
18	Influence of alpha-linked glucose on sodium-glucose cotransport activity along the small intestine in cattle. <i>Journal of Animal Science</i> , 2001, 79, 1917.	0.2	28

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19	Urea flux in beef steers: effects of forage species and nitrogen fertilization.. Journal of Animal Science, 2001, 79, 1937.	0.2	72
20	Influence of β -linked glucose on jejunal sodium-glucose co-transport activity in ruminants. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2001, 129, 577-583.	0.8	12
21	Response of nitrogen metabolism in preparturient dairy cows to methionine supplementation.. Journal of Animal Science, 2000, 78, 742.	0.2	28
22	Nitrogen Metabolism of Early Lactation Cows Fed Diets with Two Different Levels of Protein and Different Amino Acid Profiles. Journal of Dairy Science, 2000, 83, 2585-2595.	1.4	70
23	Sources of variation in splanchnic blood flow in steers.. Journal of Animal Science, 1999, 77, 3031.	0.2	7
24	Glucose Metabolism and Milk Yield of Cows Infused Abomasally or Ruminally with Starch. Journal of Dairy Science, 1998, 81, 3248-3258.	1.4	75
25	Starch utilization by ruminants: from basics to the bunk.. Journal of Animal Science, 1997, 75, 852.	0.2	565
26	Nutrient Fluxes in Splanchnic Tissue of Dairy Cows: Influence of Grass Quality. Journal of Dairy Science, 1997, 80, 1666-1673.	1.4	37
27	Effects of dietary concentrate level on nutrient absorption, liver metabolism, and urea kinetics of beef steers fed isonitrogenous and isoenergetic diets.. Journal of Animal Science, 1996, 74, 908.	0.2	59
28	Patterns of nutrient interchange and oxygen use among portal-drained viscera, liver, and hindquarters of beef steers from 235 to 525 kg body weight.. Journal of Animal Science, 1996, 74, 1812.	0.2	27
29	Adaptation to small intestinal starch assimilation and glucose transport in ruminants. Journal of Animal Science, 1995, 73, 1828-1838.	0.2	45
30	Net nutrient flux by visceral tissues of beef steers given abomasal and ruminal infusions of casein and starch.. Journal of Animal Science, 1995, 73, 236.	0.2	105
31	Comparison of insulin infusion sites on metabolite net flux and insulin kinetics in growing euglycemic beef steers ³ . Journal of Animal Science, 1994, 72, 990-997.	0.2	10
32	Metabolite flux across portal-drained viscera, liver, and hindquarters of hyperinsulinemic, euglycemic beef steers ³ . Journal of Animal Science, 1994, 72, 2919-2929.	0.2	23
33	Effect of Mesenteric Vein Infusion of Propionate on Splanchnic Metabolism in Primiparous Holstein Cows. Journal of Dairy Science, 1994, 77, 3296-3303.	1.4	35
34	Effects of dietary clenbuterol on net flux across the portal-drained viscera, liver and hindquarters of steers (<i>Bos taurus</i>). Comparative Biochemistry and Physiology Part C: Comparative Pharmacology, 1993, 104, 401-406.	0.2	3
35	Net Absorption of Macrominerals by Portal-Drained Viscera of Lactating Holstein Cows and Beef Steers. Journal of Dairy Science, 1991, 74, 450-459.	1.4	5
36	The effects of abomasal casein infusions in growing beef steers on portal and hepatic flux of pancreatic hormones and arterial concentrations of somatomedin-C.. Journal of Animal Science, 1991, 69, 379.	0.2	18

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37	The net portal and hepatic flux of metabolites and oxygen consumption in growing beef steers given postruminal casein.. Journal of Animal Science, 1991, 69, 387.	0.2	56
38	Energy metabolism in the digestive tract and liver of cattle: influence of physiological state and nutrition. Reproduction, Nutrition, Development, 1990, 30, 35-47.	1.9	136
39	Portal blood flow in beef steers: comparison of techniques and relation to hepatic blood flow, cardiac output and oxygen uptake.. Journal of Animal Science, 1990, 68, 1666.	0.2	52
40	Techniques for Measuring Blood Flow in Splanchnic Tissues of Cattle. Journal of Dairy Science, 1989, 72, 1583-1595.	1.4	131
41	Net Metabolism of Hormones by Portal-Drained Viscera and Liver of Lactating Holstein Cows. Journal of Dairy Science, 1989, 72, 1459-1468.	1.4	30
42	Ruminant splanchnic tissues - energy costs of absorption and metabolism. , 1988, , 313-327.		8
43	Net Portal Absorption of Volatile Fatty Acids and L(+)-Lactate by Lactating Holstein Cows. Journal of Dairy Science, 1988, 71, 124-133.	1.4	18
44	Net Portal-Drained Visceral and Hepatic Metabolism of Glucose, L-Lactate, and Nitrogenous Compounds in Lactating Holstein Cows. Journal of Dairy Science, 1988, 71, 1803-1812.	1.4	89
45	Net Metabolism of Volatile Fatty Acids, D- β -Hydroxybutyrate, Nonesterified Fatty Acids, and Blood Gasses by Portal-Drained Viscera and Liver of Lactating Holstein Cows. Journal of Dairy Science, 1988, 71, 2395-2405.	1.4	85
46	Partition of portal-drained visceral net flux in beef steers. British Journal of Nutrition, 1988, 60, 553-562.	1.2	43
47	Partition of portal-drained visceral net flux in beef steers. British Journal of Nutrition, 1988, 60, 539-551.	1.2	98
48	Net Absorption and Oxygen Consumption by Holstein Steers Fed Alfalfa or Orchardgrass Silage at Two Equalized Intakes. Journal of Animal Science, 1988, 66, 1292.	0.2	52
49	Effects of Dietary Clenbuterol on Metabolism of the Hindquarters in Steers. Journal of Animal Science, 1988, 66, 342.	0.2	78
50	Net absorption from portal-drained viscera of nitrogenous compounds by beef heifers fed on diets differing in protein solubility or degradability in the rumen. British Journal of Nutrition, 1987, 57, 109-114.	1.2	16
51	Blood Flow to Hindquarters of Steers Measured by Transit Time Ultrasound and Indicator Dilution. Journal of Dairy Science, 1987, 70, 1385-1390.	1.4	25
52	Oxygen Consumption and Metabolite Flux of Bovine Portal-Drained Viscera and Liver. Journal of Nutrition, 1987, 117, 1167-1173.	1.3	55
53	Net Absorption of Glucose, L-Lactate, Volatile Fatty Acids, and Nitrogenous Compounds by Bovine Given Abomasal Infusions of Starch or Glucose. Journal of Dairy Science, 1986, 69, 2428-2436.	1.4	49
54	Uptake and transport of nonprotein nitrogen by the ruminant gut. Federation Proceedings, 1986, 45, 2272-6.	1.3	12

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55	Net Absorption of Amino Acids by Portal-Drained Viscera and Hind Half of Beed Cattle Fed a High Concentrate Diet. <i>Journal of Animal Science</i> , 1985, 60, 1491-1499.	0.2	25
56	Oxygen Consumption by Portal-Drained Viscera of Cattle: Comparison of Analytical Methods and Relationship to Whole Body Oxygen Consumption. <i>Journal of Dairy Science</i> , 1985, 68, 2727-2731.	1.4	35
57	Role of Insulin and Glucose on Metabolite Uptake by the Hind Half of Beef Steers. <i>Journal of Animal Science</i> , 1984, 58, 1446-1453.	0.2	16
58	Net Absorption of Glucose and Nitrogenous Compounds by Lactating Holstein Cows. <i>Journal of Dairy Science</i> , 1984, 67, 1919-1927.	1.4	106
59	Net Volatile Fatty Acid Absorption in Nonlactating Holstein Cows. <i>Journal of Dairy Science</i> , 1983, 66, 86-92.	1.4	20
60	Net Absorption and Ruminal Concentrations of Metabolites in nonpregnant Dry Holstein Cows before and after Intraruminal Acetic Acid Infusion. <i>Journal of Dairy Science</i> , 1983, 66, 1901-1908.	1.4	31
61	Net Nutrient Absorption in Beef Steers Fed Silage or High Concentrate Diets Containing Four Levels of Limestone. <i>Journal of Nutrition</i> , 1983, 113, 1157-1164.	1.3	23
62	Feedlot Performance, Blood Metabolic Profile and Calcium Status of Steers Fed High Concentrate Diets Containing Several Levels of Calcium. <i>Journal of Animal Science</i> , 1983, 56, 1003-1011.	0.2	11
63	Digestion and Absorption of Nutrients by Beef Heifers Fed a High Concentrate Diet. <i>Journal of Nutrition</i> , 1983, 113, 2280-2288.	1.3	45
64	Portal Blood Flow and Net Absorption of Ammonia-Nitrogen, Urea-Nitrogen, and Glucose in Nonlactating Holstein Cows. <i>Journal of Dairy Science</i> , 1982, 65, 1155-1162.	1.4	71
65	Feed Intake, Rumen Fluid Volume and Turnover, Nitrogen and Mineral Balance and Acid-Base Status of Wethers Changed from Low to High Concentrate Diets. <i>Journal of Animal Science</i> , 1981, 52, 1376-1387.	0.2	34
66	Glucose and Lactate Absorption and Metabolic Interrelationships in Steers Changed from Low to High Concentrate Diets. <i>Journal of Nutrition</i> , 1981, 111, 1164-1172.	1.3	52
67	Influence of Diet on Amino Acid Absorption in Beef Cattle and Sheep. <i>Journal of Nutrition</i> , 1981, 111, 2212-2222.	1.3	32
68	Glucose and Lactate Absorption and Metabolic Interrelationships in Lambs Switched from Low to High Concentrate Diets. <i>Journal of Nutrition</i> , 1980, 110, 1904-1913.	1.3	30
69	Effect of Dietary Lactic Acid on Rumen Lactate Metabolism and Blood Acid-Base Status of Lambs Switched from Low to High Concentrate Diets. <i>Journal of Animal Science</i> , 1979, 49, 1569-1576.	0.2	22