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List of Publications by Year
in descending order

23 papers	1,587 citations	623734 14 h-index	642732 23 g-index
24 all docs	24 docs citations	24 times ranked	2650 citing authors

#	Article	IF	Citations
1	Effects of methionine, leucine, and insulin on circulating concentrations and mammary extraction of energy substrates and amino acids in lactating dairy cows. Domestic Animal Endocrinology, 2022, 81, 106730.	1.6	1
2	Quantification of bovine plasma amino acids via liquid chromatographyâ€“electrospray ionization-mass spectrometry: Comparison of underivatized and precolumn derivatized methods. JDS Communications, 2021, 2, 227-232.	1.5	3
3	Dry Period Heat Stress Impacts Mammary Protein Metabolism in the Subsequent Lactation. Animals, 2021, 11, 2676.	2.3	3
4	The market for amino acids: understanding supply and demand of substrate for more efficient milk protein synthesis. Journal of Animal Science and Biotechnology, 2020, 11, 108.	5.3	10
5	Post-ruminal supplies of glucose and casein, but not acetate, stimulate milk protein synthesis in dairy cows through differential effects on mammary metabolism. Journal of Dairy Science, 2020, 103, 6218-6232.	3.4	16
6	Pharmacologic inhibition of mTORC1 mimics dietary protein restriction in a mouse model of lactation. Journal of Animal Science and Biotechnology, 2020, 11, 67.	5.3	5
7	Transposition of the common carotid artery in standing cattle. Veterinary Surgery, 2020, 49, 668-675.	1.0	1
8	Insulin potentiates essential amino acids effects on mechanistic target of rapamycin complex 1 signaling in MAC-T cells. Journal of Dairy Science, 2020, 103, 11988-12002.	3.4	6
9	Ovariectomy uncouples lifespan from metabolic health and reveals a sex-hormone-dependent role of hepatic mTORC2 in aging. ELife, 2020, 9, .	6.0	21
10	Hypothalamic mTORC2 is essential for metabolic health and longevity. Aging Cell, 2019, 18, e13014.	6.7	46
11	A novel rapamycin analog is highly selective for mTORC1 in vivo. Nature Communications, 2019, 10, 3194.	12.8	132
12	Restoration of metabolic health by decreased consumption of branchedâ€chain amino acids. Journal of Physiology, 2018, 596, 623-645.	2.9	242
13	Increased transport of acetylâ€CoA into the endoplasmic reticulum causes a progeriaâ€like phenotype. Aging Cell, 2018, 17, e12820.	6.7	38
14	Short-term consumption of a plant protein diet does not improve glucose homeostasis of young C57BL/6J mice. Nutrition and Healthy Aging, 2017, 4, 239-245.	1.1	6
15	Rapamycin: An InhibiTOR of Aging Emerges From the Soil of Easter Island. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 841-849.	3.6	172
16	Intermittent Administration of Rapamycin Extends the Life Span of Female C57BL/6J Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 876-881.	3.6	110
17	mTORC2 Puts Its Shoulder to Krebsâ€™ Wheel. Molecular Cell, 2016, 63, 723-725.	9.7	9
18	Alternative rapamycin treatment regimens mitigate the impact of rapamycin on glucose homeostasis and the immune system. Aging Cell, 2016, 15, 28-38.	6.7	144

#	Article	IF	Citations
19	Decreased Consumption of Branched-Chain Amino Acids Improves Metabolic Health. Cell Reports, 2016, 16, 520-530.	6.4	334
20	Casein synthesis is independently and additively related to individual essential amino acid supply. Journal of Dairy Science, 2014, 97, 2998-3005.	3.4	38
21	Isoleucine, leucine, methionine, and threonine effects on mammalian target of rapamycin signaling in mammary tissue. Journal of Dairy Science, 2014, 97, 1047-1056.	3.4	88
22	Effects of reduced dietary protein and supplemental rumen-protected essential amino acids on the nitrogen efficiency of dairy cows. Journal of Dairy Science, 2014, 97, 5688-5699.	3.4	63
23	Invited review: Current representation and future trends of predicting amino acid utilization in the lactating dairy cow. Journal of Dairy Science, 2014, 97, 4000-4017.	3.4	99