

Christopher K Reynolds

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4383831/christopher-k-reynolds-publications-by-year.pdf>

Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31 papers	1,225 citations	18 h-index	32 g-index
32 ext. papers	1,399 ext. citations	4.7 avg, IF	3.91 L-index

#	Paper	IF	Citations
31	LAP-MALDI MS coupled with machine learning: an ambient mass spectrometry approach for high-throughput diagnostics.. <i>Chemical Science</i> , 2022 , 13, 1746-1758	9.4	3
30	Full adoption of the most effective strategies to mitigate methane emissions by ruminants can help meet the 1.5 °C target by 2030 but not 2050.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2111294119	11.5	5
29	Speciation and milk adulteration analysis by rapid ambient liquid MALDI mass spectrometry profiling using machine learning. <i>Scientific Reports</i> , 2021 , 11, 3305	4.9	6
28	Beneficial effects of multi-species mixtures on NO emissions from intensively managed grassland swards. <i>Science of the Total Environment</i> , 2021 , 792, 148163	10.2	8
27	Equations to predict nitrogen outputs in manure, urine and faeces from beef cattle fed diets with contrasting crude protein concentration. <i>Journal of Environmental Management</i> , 2021 , 295, 113074	7.9	0
26	A computer vision approach to improving cattle digestive health by the monitoring of faecal samples. <i>Scientific Reports</i> , 2020 , 10, 17557	4.9	2
25	Prediction of enteric methane production, yield and intensity of beef cattle using an intercontinental database. <i>Agriculture, Ecosystems and Environment</i> , 2019 , 283, 106575	5.7	25
24	Evaluation of the performance of existing mathematical models predicting enteric methane emissions from ruminants: Animal categories and dietary mitigation strategies. <i>Animal Feed Science and Technology</i> , 2019 , 255, 114207	3	9
23	Liquid Atmospheric Pressure Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry Adds Enhanced Functionalities to MALDI MS Profiling for Disease Diagnostics. <i>ACS Omega</i> , 2019 , 4, 12759-12763	2.9	9
22	Prediction of enteric methane production, yield, and intensity in dairy cattle using an intercontinental database. <i>Global Change Biology</i> , 2018 , 24, 3368-3389	11.4	92
21	Prediction of Lignin Content in Ruminant Diets and Fecal Samples Using Rapid Analytical Techniques. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 13031-13040	5.7	3
20	Particle size distribution of forages and mixed rations, and their relationship with ration variability and performance of UK dairy herds. <i>Livestock Science</i> , 2018 , 217, 108-115	1.7	4
19	Influence of ruminal methane on digesta retention and digestive physiology in non-lactating dairy cattle. <i>British Journal of Nutrition</i> , 2016 , 116, 763-73	3.6	9
18	Intravenous glucagon like peptide-1 infusion does not affect dry matter intake or hypothalamic mRNA expression of neuropeptide Y, agouti related peptide and proopiomelanocortin in wethers. <i>Canadian Journal of Animal Science</i> , 2014 , 94, 357-362	0.9	0
17	The impact of obesity-related SNP on appetite and energy intake. <i>British Journal of Nutrition</i> , 2013 , 110, 1151-6	3.6	50
16	Differential effects of dairy snacks on appetite, but not overall energy intake. <i>British Journal of Nutrition</i> , 2012 , 108, 2274-85	3.6	42
15	Associations between dairy consumption and body weight: a review of the evidence and underlying mechanisms. <i>Nutrition Research Reviews</i> , 2011 , 24, 72-95	7	101

14	Livestock and Climate Change Impacts in the Developing World. <i>Outlook on Agriculture</i> , 2010 , 39, 245-248	2.9	22
13	Abomasal infusion of casein, starch and soybean oil differentially affect plasma concentrations of gut peptides and feed intake in lactating dairy cows. <i>Domestic Animal Endocrinology</i> , 2008 , 35, 35-45	2.3	39
12	Regulation of nutrient partitioning by visceral tissues in ruminants. <i>Journal of Nutrition</i> , 1994 , 124, 1399S-1403S	4.1	35
11	Effect of prepartum propylene glycol administration on periparturient fatty liver in dairy cows. <i>Journal of Dairy Science</i> , 1993 , 76, 2931-9	4	126
10	Metabolism of nitrogenous compounds by ruminant liver. <i>Journal of Nutrition</i> , 1992 , 122, 850-4	4.1	63
9	Effects of diet forage-to-concentrate ratio and intake on energy metabolism in growing beef heifers: whole body energy and nitrogen balance and visceral heat production. <i>Journal of Nutrition</i> , 1991 , 121, 994-1003	4.1	144
8	Effects of diet forage-to-concentrate ratio and intake on energy metabolism in growing beef heifers: net nutrient metabolism by visceral tissues. <i>Journal of Nutrition</i> , 1991 , 121, 1004-15	4.1	80
7	Techniques for measuring blood flow in splanchnic tissues of cattle. <i>Journal of Dairy Science</i> , 1989 , 72, 1583-95	4	104
6	Net metabolism of hormones by portal-drained viscera and liver of lactating holstein cows. <i>Journal of Dairy Science</i> , 1989 , 72, 1459-68	4	27
5	Net portal-drained visceral and hepatic metabolism of glucose, L-lactate, and nitrogenous compounds in lactating holstein cows. <i>Journal of Dairy Science</i> , 1988 , 71, 1803-12	4	72
4	Net metabolism of volatile fatty acids, D-beta-hydroxybutyrate, nonesterified fatty acids, and blood gases by portal-drained viscera and liver of lactating Holstein cows. <i>Journal of Dairy Science</i> , 1988 , 71, 2395-405	4	65
3	Partition of portal-drained visceral net flux in beef steers. 2. Net flux of volatile fatty acids, D-beta-hydroxybutyrate and L-lactate across stomach and post-stomach tissues. <i>British Journal of Nutrition</i> , 1988 , 60, 553-62	3.6	37
2	Oxygen consumption and metabolite flux of bovine portal-drained viscera and liver. <i>Journal of Nutrition</i> , 1987 , 117, 1167-73	4.1	46
1	Changes in energy metabolite and regulatory hormone concentrations and net fluxes across splanchnic and peripheral tissues in fed and progressively fasted ewes. <i>Journal of Nutrition</i> , 1986 , 116, 2516-24	4.1	26