

# Basim Refat

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3785151/publications.pdf>

Version: 2024-02-01

19  
papers

164  
citations

1307594

7  
h-index

1199594

12  
g-index

19  
all docs

19  
docs citations

19  
times ranked

149  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of fibrolytic enzymes on lactational performance, feeding behavior, and digestibility in high-producing dairy cows fed a barley silage-based diet. <i>Journal of Dairy Science</i> , 2018, 101, 7971-7979.	3.4	34
2	Effects of heat processing methods on protein subfractions and protein degradation kinetics in dairy cattle in relation to protein molecular structure of barley grain using advanced molecular spectroscopy. <i>Journal of Cereal Science</i> , 2018, 80, 212-220.	3.7	22
3	Physiochemical Characteristics and Molecular Structures for Digestible Carbohydrates of Silages. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 8979-8991.	5.2	16
4	Relationship of carbohydrates and lignin molecular structure spectral profiles to nutrient profile in newly developed oats cultivars and barley grain. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 188, 495-506.	3.9	16
5	Effects of bulk density, precision processing and processing index on in vitro ruminal fermentation of dry-rolled barley grain. <i>Animal Feed Science and Technology</i> , 2014, 195, 28-37.	2.2	15
6	In vitro ruminal fermentation of ground and dry-rolled barley grain differing in starch content. <i>Animal Feed Science and Technology</i> , 2015, 203, 88-94.	2.2	12
7	Effects of Exogenous Fibrolytic Enzyme Derived from <i>Trichoderma reesei</i> on Rumen Degradation Characteristics and Degradability of Low-Tannin Whole Plant Faba Bean Silage in Dairy Cows. <i>Dairy</i> , 2022, 3, 303-313.	2.0	10
8	Effect of sainfoin hay and pomegranate peel extracts on in vitro fermentation and protein degradation using the RUSITEC technique. <i>Canadian Journal of Animal Science</i> , 2015, 95, 417-423.	1.5	8
9	Detect molecular spectral features of newly developed <i>Vicia faba</i> varieties and protein metabolic characteristics in ruminant system using advanced synchrotron radiation based infrared microspectroscopy: A preliminary study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 206, 413-420.	3.9	7
10	Metabolic characteristics and feed milk value of blend pelleted products based on combination of co-products from bio-fuel/bio-oil processing, pulse screenings and lignosulfonate in dairy cattle. <i>Animal Feed Science and Technology</i> , 2018, 246, 62-71.	2.2	5
11	Protein molecular structural, physicochemical and nutritional characteristics of warm-season adapted genotypes of sorghum grain: Impact of heat-related processing. <i>Journal of Cereal Science</i> , 2019, 85, 182-191.	3.7	4
12	Evaluation of whole flaxseed and the use of tannin-containing fava beans as an alternative to peas in a co-extruded flaxseed product on ruminal fermentation, selected milk fatty acids, and production in dairy cows. <i>The Professional Animal Scientist</i> , 2018, 34, 435-446.	0.7	3
13	Connection of inherent structure with nutrient profiles and bioavailability of different co-products and by-products after processing using advanced grading and vibrational molecular spectroscopy. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, 2796-2806.	10.3	3
14	Interactive association between processing induced molecular structure changes and nutrient delivery on a molecular basis, revealed by cutting-edge vibrational biomolecular spectroscopy. <i>Journal of Animal Science and Biotechnology</i> , 2019, 10, 85.	5.3	3
15	Comparison of barley silages with varying digestible fiber content to corn silage on rumen fermentation characteristics and microbial protein synthesis using RUSITEC. <i>Canadian Journal of Animal Science</i> , 2017, , .	1.5	2
16	Evaluation of Barley Silage with Varying Ruminal In Vitro Fiber Digestibility on Lactation Performance and Chewing Activity of Lactating Dairy Cows in Comparison with Corn Silage. <i>Canadian Journal of Animal Science</i> , 0, , .	1.5	2
17	Effects of feeding blend-pelleted co-products on nutrient intake, digestibility, and production performance of high producing dairy cows. <i>Canadian Journal of Animal Science</i> , 2021, 101, 234-241.	1.5	2
18	Genotypic impact on molecular structural, physicochemical, and nutritional characteristics of warm-season adapted sorghum kernels grown under warm climate conditions. <i>Journal of Cereal Science</i> , 2019, 87, 334-339.	3.7	0

#	ARTICLE	IF	CITATIONS
19	Utilization of exogenous fibrolytic enzymes in fiber fermentation, degradation, and digestions and characteristics of whole legume faba bean and its plant silage. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 6114-6125.	10.3	0