

Liwen He

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Fermentation quality and microbial community of alfalfa and stylo silage mixed with <i>Moringa oleifera</i> leaves. <i>Bioresource Technology</i> , 2019, 284, 240-247.	9.6	90
2	Bacterial diversity and fermentation quality of <i>Moringa oleifera</i> leaves silage prepared with lactic acid bacteria inoculants and stored at different temperatures. <i>Bioresource Technology</i> , 2019, 284, 349-358.	9.6	86
3	The bacterial community and fermentation quality of mulberry (<i>Morus alba</i>) leaf silage with or without <i>Lactobacillus casei</i> and sucrose. <i>Bioresource Technology</i> , 2019, 293, 122059.	9.6	65
4	Ensiling characteristics, proteolysis and bacterial community of high-moisture corn stalk and stylo silage prepared with <i>Bauhinia variegata</i> flower. <i>Bioresource Technology</i> , 2020, 296, 122336.	9.6	57
5	Effect of applying lactic acid bacteria and cellulase on the fermentation quality, nutritive value, tannins profile and in vitro digestibility of <i>Neolamarckia cadamba</i> leaves silage. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, 1429-1436.	2.2	56
6	Gallic acid influencing fermentation quality, nitrogen distribution and bacterial community of high-moisture mulberry leaves and stylo silage. <i>Bioresource Technology</i> , 2020, 295, 122255.	9.6	48
7	Improving the quality of rice straw silage with <i>Moringa oleifera</i> leaves and propionic acid: Fermentation, nutrition, aerobic stability and microbial communities. <i>Bioresource Technology</i> , 2020, 299, 122579.	9.6	46
8	Dynamics of Bacterial Community and Fermentation Quality during Ensiling of Wilted and Unwilted <i>Moringa oleifera</i> Leaf Silage with or without Lactic Acid Bacterial Inoculants. <i>MSphere</i> , 2019, 4, .	2.9	41
9	Effect of cellulase and <i>Lactobacillus casei</i> on ensiling characteristics, chemical composition, antioxidant activity, and digestibility of mulberry leaf silage. <i>Journal of Dairy Science</i> , 2019, 102, 9919-9931.	3.4	41
10	Dynamics of proteolysis, protease activity and bacterial community of <i>Neolamarckia cadamba</i> leaves silage and the effects of formic acid and <i>Lactobacillus farciminis</i> . <i>Bioresource Technology</i> , 2019, 294, 122127.	9.6	39
11	Effects of mixing <i>Neolamarckia cadamba</i> leaves on fermentation quality, microbial community of high moisture alfalfa and stylo silage. <i>Microbial Biotechnology</i> , 2019, 12, 869-878.	4.2	35
12	Improving fermentation, protein preservation and antioxidant activity of <i>Moringa oleifera</i> leaves silage with gallic acid and tannin acid. <i>Bioresource Technology</i> , 2020, 297, 122390.	9.6	32
13	Combination of steam explosion pretreatment and anaerobic alkalization treatment to improve enzymatic hydrolysis of <i>Hippophae rhamnoides</i> . <i>Bioresource Technology</i> , 2019, 289, 121693.	9.6	30
14	Intrinsic tannins affect ensiling characteristics and proteolysis of <i>Neolamarckia cadamba</i> leaf silage by largely altering bacterial community. <i>Bioresource Technology</i> , 2020, 311, 123496.	9.6	29
15	The nutrients in <i>Moringa oleifera</i> leaf contribute to the improvement of stylo and alfalfa silage: Fermentation, nutrition and bacterial community. <i>Bioresource Technology</i> , 2020, 301, 122733.	9.6	27
16	The effects of including corn silage, corn stalk silage, and corn grain in finishing ration of beef steers on meat quality and oxidative stability. <i>Meat Science</i> , 2018, 139, 142-148.	5.5	19
17	Dynamics of fermentation quality, physicochemical property and enzymatic hydrolysis of high-moisture corn stover ensiled with sulfuric acid or sodium hydroxide. <i>Bioresource Technology</i> , 2020, 298, 122510.	9.6	16
18	Effects of Vanillic Acid on Dynamic Fermentation Parameter, Nitrogen Distribution, Bacterial Community, and Enzymatic Hydrolysis of Stylo Silage. <i>Frontiers in Microbiology</i> , 2021, 12, 690801.	3.5	15

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19	Effects of Phytoecdysteroids (PEDS) Extracted from <i>Cyanotis arachnoidea</i> on Rumen Fermentation, Enzyme Activity and Microbial Efficiency in a Continuous-Culture System. <i>PLoS ONE</i> , 2016, 11, e0153584.	2.5	11
20	Ensiling characteristics, physicochemical structure and enzymatic hydrolysis of steam-exploded hippophae: Effects of calcium oxide, cellulase and Tween. <i>Bioresource Technology</i> , 2020, 295, 122268.	9.6	6
21	Evaluating the Effectiveness of Screened Lactic Acid Bacteria in Improving Crop Residues Silage: Fermentation Parameter, Nitrogen Fraction, and Bacterial Community. <i>Frontiers in Microbiology</i> , 2022, 13, .	3.5	4