

Wayne E Zeller

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

588
citations

840776

11
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

681
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of condensed tannins in ruminant animal production: advances, limitations and future directions. <i>Revista Brasileira De Zootecnia</i> , 2017, 46, 929-949.	0.8	164
2	Acetone Enhances the Direct Analysis of Procyanidin- and Prodelphinidin-Based Condensed Tannins in Lotus Species by the Butanol-HCl- ¹³ C Iron Assay. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 2669-2678.	5.2	112
3	Activity, Purification, and Analysis of Condensed Tannins: Current State of Affairs and Future Endeavors. <i>Crop Science</i> , 2019, 59, 886-904.	1.8	50
4	Protein Precipitation Behavior of Condensed Tannins from <i>Lotus pedunculatus</i> and <i>Trifolium repens</i> with Different Mean Degrees of Polymerization. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 1160-1168.	5.2	42
5	¹³ C HSQC NMR Spectroscopy for Estimating Procyanidin/Prodelphinidin and cis-Flavan-3-ol Ratios of Condensed Tannin Samples: Correlation with Thiolytic. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 1967-1973.	5.2	34
6	Efficacy of various naturally occurring caffeic acid derivatives in preventing post-harvest protein losses in forages. <i>Journal of the Science of Food and Agriculture</i> , 2013, 93, 219-226.	3.5	32
7	Facile Purification of Milligram to Gram Quantities of Condensed Tannins According to Mean Degree of Polymerization and Flavan-3-ol Subunit Composition. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 8072-8082.	5.2	31
8	Relationships between Structures of Condensed Tannins from Texas Legumes and Methane Production During In Vitro Rumen Digestion. <i>Molecules</i> , 2018, 23, 2123.	3.8	25
9	Condensed Tannins in White Clover (<i>Trifolium repens</i>) Foliar Tissues Expressing the Transcription Factor TaMYB14-1 Bind to Forage Protein and Reduce Ammonia and Methane Emissions in vitro. <i>Frontiers in Plant Science</i> , 2021, 12, 777354.	3.6	17
10	Comparison of Protein Precipitation Ability of Structurally Diverse Procyanidin-Rich Condensed Tannins in Two Buffer Systems. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 2016-2023.	5.2	14
11	Synthesis of (+)- and (±)-Phaseolic Acid. <i>Synthetic Communications</i> , 2013, 43, 1345-1350.	2.1	11
12	Effects of feeding <i>Lespedeza cuneata</i> pellets with <i>Medicago sativa</i> hay to sheep: Nutritional impact, characterization and degradation of condensed tannin during digestion. <i>Animal Feed Science and Technology</i> , 2018, 245, 41-47.	2.2	11
13	Proanthocyanidin Structural Details Revealed by Ultrahigh Resolution FT-ICR MALDI-Mass Spectrometry, ¹ H- ¹³ C HSQC NMR, and Thiolytic-HPLC-DAD. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 14038-14048.	5.2	11
14	Proanthocyanidin Block Arrays (PACBAR) for Comprehensive Capture and Delineation of Proanthocyanidin Structures. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 13541-13549.	5.2	10
15	Influence of elevated protein and tannin-rich peanut skin supplementation on growth performance, blood metabolites, carcass traits and immune-related gene expression of grazing meat goats. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2020, 104, 88-100.	2.2	8
16	Direct versus Sequential Analysis of Procyanidin- and Prodelphinidin-Based Condensed Tannins by the HCl-Butanol-Acetone- ¹³ C Iron Assay. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 2906-2916.	5.2	5
17	The U.S. Dairy Forage Research Center (USDFRC) Condensed Tannin NMR Database. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 5104-5106.	5.2	4
18	Composition and Protein Precipitation Capacity of Condensed Tannins in Purple Prairie Clover (<i>Dalea</i>)	3.8	3

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19	Synthesis of 1-O-Methylchlorogenic Acid: Reassignment of Structure for MCGA3 Isolated from Bamboo (<i>Phyllostachys edulis</i>) Leaves. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 1860-1865.	5.2	2
20	Synthesis of monomethyl 5,5-dehydrodiferulic acid. <i>Tetrahedron Letters</i> , 2015, 56, 1076-1079.	1.4	2