

# Isabelle A Kagan

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

334  
citations

1040056

9  
h-index

839539

18  
g-index

20  
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20  
docs citations

20  
times ranked

356  
citing authors

#	ARTICLE	IF	CITATIONS
1	Water- and Ethanol-Soluble Carbohydrates of Temperate Grass Pastures: a Review of Factors Affecting Concentration and Composition. <i>Journal of Equine Veterinary Science</i> , 2022, 110, 103866.	0.9	2
2	A chromatographic method to monitor fructan catabolism in two cool-season grasses fermented by mixed bovine ruminal microbiota. <i>JSFA Reports</i> , 2022, 2, 264-271.	0.8	2
3	Ethanol-Soluble Carbohydrates of Cool-Season Grasses: Prediction of Concentration by Near-Infrared Reflectance Spectroscopy (NIRS) and Evaluation of Effects of Cultivar and Management. <i>Journal of Equine Veterinary Science</i> , 2021, 101, 103421.	0.9	2
4	Soluble phenolic compounds of perennial ryegrass ( <i>Lolium perenne</i> L.): Potential effects on animal performance, and challenges in determining profiles and concentrations. <i>Animal Feed Science and Technology</i> , 2021, 277, 114960.	2.2	8
5	Seasonal and Diurnal Variation in Water-Soluble Carbohydrate Concentrations of Repeatedly Defoliated Red and White Clovers in Central Kentucky. <i>Journal of Equine Veterinary Science</i> , 2020, 84, 102858.	0.9	7
6	Water-Soluble Carbohydrates of Cool-Season Grasses: Prediction of Concentrations by Near-Infrared Reflectance Spectroscopy and Evaluation of Effects of Genetics, Management, and Environment. <i>Journal of Equine Veterinary Science</i> , 2020, 90, 103014.	0.9	4
7	Isoflavone supplementation, via red clover hay, alters the rumen microbial community and promotes weight gain of steers grazing mixed grass pastures. <i>PLoS ONE</i> , 2020, 15, e0229200.	2.5	21
8	Effects of Harvest Date, Sampling Time, and Cultivar on Total Phenolic Concentrations, Water-Soluble Carbohydrate Concentrations, and Phenolic Profiles of Selected Cool-Season Grasses in Central Kentucky. <i>Journal of Equine Veterinary Science</i> , 2019, 79, 86-93.	0.9	7
9	Effects of Sampling Time, Cultivar, and Methodology on Water- and Ethanol-Soluble Carbohydrate Profiles of Three Cool-Season Grasses in Central Kentucky. <i>Journal of Equine Veterinary Science</i> , 2018, 61, 99-107.	0.9	14
10	Effects of Inulin Chain Length on Fermentation by Equine Fecal Bacteria and <i>Streptococcus bovis</i> . <i>Journal of Equine Veterinary Science</i> , 2017, 48, 113-120.e1.	0.9	7
11	Biochanin A (an Isoflavone Produced by Red Clover) Promotes Weight Gain of Steers Grazed in Mixed Grass Pastures and Fed Dried Distillers Grains. <i>Crop Science</i> , 2017, 57, 506-514.	1.8	23
12	Hops ( <i>Humulus lupulus</i> L.) Bitter Acids: Modulation of Rumen Fermentation and Potential As an Alternative Growth Promoter. <i>Frontiers in Veterinary Science</i> , 2017, 4, 131.	2.2	16
13	Thin-layer Chromatographic (TLC) Separations and Bioassays of Plant Extracts to Identify Antimicrobial Compounds. <i>Journal of Visualized Experiments</i> , 2014, , .	0.3	22
14	Seasonal and Diurnal Variation in Simple Sugar and Fructan Composition of Orchardgrass Pasture and Hay in the Piedmont Region of the United States. <i>Journal of Equine Veterinary Science</i> , 2011, 31, 488-497.	0.9	24
15	A Validated Method for Gas Chromatographic Analysis of $\hat{1}^3$ -Aminobutyric Acid in Tall Fescue Herbage. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 5538-5543.	5.2	12
16	A Functional Genomics Investigation of Allelochemical Biosynthesis in <i>Sorghum bicolor</i> Root Hairs. <i>Journal of Biological Chemistry</i> , 2008, 283, 3231-3247.	3.4	88
17	Global Gene Expression Approaches to Mode-of-Action Studies with Natural Product-Based Pesticides. <i>ACS Symposium Series</i> , 2006, , 255-264.	0.5	1
18	Chemical Basis for Weed Suppressive Activity of Sorghum. <i>ACS Symposium Series</i> , 2005, , 59-70.	0.5	4

#	ARTICLE	IF	CITATIONS
19	New Herbicide Target Sites from Natural Compounds. ACS Symposium Series, 2004, , 151-160.	0.5	3
20	Chromatographic Separation and in Vitro Activity of Sorgoleone Congeners from the Roots of Sorghum bicolor. Journal of Agricultural and Food Chemistry, 2003, 51, 7589-7595.	5.2	67