

# 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

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all docs

20  
docs citations

20  
times ranked

356  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Functional Genomics Investigation of Allelochemical Biosynthesis in Sorghum bicolor Root Hairs. Journal of Biological Chemistry, 2008, 283, 3231-3247.	3.4	88
2	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
3	Seasonal and Diurnal Variation in Simple Sugar and Fructan Composition of Orchardgrass Pasture and Hay in the Piedmont Region of the United States. Journal of Equine Veterinary Science, 2011, 31, 488-497.	0.9	24
4	Biochanin A (an Isoflavone Produced by Red Clover) Promotes Weight Gain of Steers Grazed in Mixed Grass Pastures and Fed Dried Distillers Grains. Crop Science, 2017, 57, 506-514.	1.8	23
5	Thin-layer Chromatographic (TLC) Separations and Bioassays of Plant Extracts to Identify Antimicrobial Compounds. Journal of Visualized Experiments, 2014, , .	0.3	22
6	Isoflavone supplementation, via red clover hay, alters the rumen microbial community and promotes weight gain of steers grazing mixed grass pastures. PLoS ONE, 2020, 15, e0229200.	2.5	21
7	Hops (Humulus lupulus L.) Bitter Acids: Modulation of Rumen Fermentation and Potential As an Alternative Growth Promoter. Frontiers in Veterinary Science, 2017, 4, 131.	2.2	16
8	Effects of Sampling Time, Cultivar, and Methodology on Water- and Ethanol-Soluble Carbohydrate Profiles of Three Cool-Season Grasses in Central Kentucky. Journal of Equine Veterinary Science, 2018, 61, 99-107.	0.9	14
9	A Validated Method for Gas Chromatographic Analysis of $\hat{1}^3$ -Aminobutyric Acid in Tall Fescue Herbage. Journal of Agricultural and Food Chemistry, 2008, 56, 5538-5543.	5.2	12
10	Soluble phenolic compounds of perennial ryegrass (Lolium perenne L.): Potential effects on animal performance, and challenges in determining profiles and concentrations. Animal Feed Science and Technology, 2021, 277, 114960.	2.2	8
11	Effects of Inulin Chain Length on Fermentation by Equine Fecal Bacteria and Streptococcus bovis. Journal of Equine Veterinary Science, 2017, 48, 113-120.e1.	0.9	7
12	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. Journal of Equine Veterinary Science, 2019, 79, 86-93.	0.9	7
13	Seasonal and Diurnal Variation in Water-Soluble Carbohydrate Concentrations of Repeatedly Defoliated Red and White Clovers in Central Kentucky. Journal of Equine Veterinary Science, 2020, 84, 102858.	0.9	7
14	Chemical Basis for Weed Suppressive Activity of Sorghum. ACS Symposium Series, 2005, , 59-70.	0.5	4
15	Water-Soluble Carbohydrates of Cool-Season Grasses: Prediction of Concentrations by Near-Infrared Reflectance Spectroscopy and Evaluation of Effects of Genetics, Management, and Environment. Journal of Equine Veterinary Science, 2020, 90, 103014.	0.9	4
16	New Herbicide Target Sites from Natural Compounds. ACS Symposium Series, 2004, , 151-160.	0.5	3
17	Ethanol-Soluble Carbohydrates of Cool-Season Grasses: Prediction of Concentration by Near-Infrared Reflectance Spectroscopy (NIRS) and Evaluation of Effects of Cultivar and Management. Journal of Equine Veterinary Science, 2021, 101, 103421.	0.9	2
18	Water- and Ethanol-Soluble Carbohydrates of Temperate Grass Pastures: a Review of Factors Affecting Concentration and Composition. Journal of Equine Veterinary Science, 2022, 110, 103866.	0.9	2

#	ARTICLE	IF	CITATIONS
19	A chromatographic method to monitor fructan catabolism in two cool-season grasses fermented by mixed bovine ruminal microbiota. JSFA Reports, 2022, 2, 264-271.	0.8	2
20	Global Gene Expression Approaches to Mode-of-Action Studies with Natural Product-Based Pesticides. ACS Symposium Series, 2006, , 255-264.	0.5	1