

Elizabeth Lee

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36
papers

1,116
citations

17
h-index

33
g-index

38
ext. papers

1,289
ext. citations

2.9
avg, IF

4.08
L-index

#	Paper	IF	Citations
36	Annual Cereal Cover Crops Following Winter Wheat Produce High Quality Fall Forage. <i>Agronomy Journal</i> , 2019 , 111, 1634-1642	2.2	2
35	Winter Cereal Cover Crops for Spring Forage in Temperate Climates. <i>Agronomy Journal</i> , 2019 , 111, 217-223		7
34	When too much isn't enough: Does current food production meet global nutritional needs?. <i>PLoS ONE</i> , 2018 , 13, e0205683	3.7	68
33	Maize Yield Potential and Density Tolerance. <i>Crop Science</i> , 2018 , 58, 472-485	2.4	20
32	The effect of artificial selection on phenotypic plasticity in maize. <i>Nature Communications</i> , 2017 , 8, 13481	7.4	58
31	Involvement of Year-to-Year Variation in Thermal Time, Solar Radiation and Soil Available Moisture in Genotype-by-Environment Effects in Maize. <i>Crop Science</i> , 2016 , 56, 2180-2192	2.4	7
30	Maize (<i>Zea mays</i>) seeds can detect above-ground weeds; thiamethoxam alters the view. <i>Pest Management Science</i> , 2015 , 71, 1335-45	4.6	4
29	Detection of Neighboring Weeds Alters Soybean Seedling Roots and Nodulation. <i>Weed Science</i> , 2015 , 63, 888-900	2	5
28	The Effect of Linkage on Genetic Variances within Biparental Simulated and <i>Zea mays</i> Populations. <i>Crop Science</i> , 2014 , 54, 2481-2491	2.4	2
27	Development and Utilization of High Carotenoid Maize Germplasm: Proof of Concept. <i>Crop Science</i> , 2013 , 53, 554-563	2.4	8
26	Interaction of common bacterial blight quantitative trait loci in a resistant inter-cross population of common bean. <i>Plant Breeding</i> , 2013 , 132, 658-666	2.4	8
25	Genetic Architecture Underlying Kernel Quality in Food-Grade Maize. <i>Crop Science</i> , 2012 , 52, 1561-1571	2.4	6
24	Strategies for Enhancing Grain Yield in Maize 2011 , 37-82		44
23	Nature of the Genetic Variation in an Elite Maize Breeding Cross. <i>Crop Science</i> , 2011 , 51, 75-83	2.4	10
22	Allele Mining of Exotic Maize Germplasm to Enhance Macular Carotenoids. <i>Crop Science</i> , 2011 , 51, 991-1004		28
21	Shade avoidance: an integral component of crop-weed competition. <i>Weed Research</i> , 2010 , 50, 281	1.9	59
20	Phenotypic and Genotypic Characterization of Purple Kernel Streak in White Food Corn. <i>Crop Science</i> , 2009 , 49, 1235-1241	2.4	2

19	Does the shade avoidance response contribute to the critical period for weed control in maize (<i>Zea mays</i>)?. <i>Weed Research</i> , 2009 , 49, 563-571	1.9	50
18	Robustness of QTLs across germplasm pools using a model quantitative trait. <i>Genome</i> , 2009 , 52, 39-48	2.4	2
17	Re-examining the Relationship between Degree of Relatedness, Genetic Effects, and Heterosis in Maize. <i>Crop Science</i> , 2007 , 47, 629-635	2.4	24
16	Physiological Basis of Successful Breeding Strategies for Maize Grain Yield. <i>Crop Science</i> , 2007 , 47, S-202-S-215	2.4	213
15	Use of Sister-Lines and the Performance of Modified Single-Cross Maize Hybrids. <i>Crop Science</i> , 2006 , 46, 312-320	2.4	8
14	Use of NMR for predicting protein concentration in soybean seeds based on oil measurements. <i>JAOCS, Journal of the American Oil Chemists Society</i> , 2005 , 82, 87-91	1.8	11
13	Quantitative Genetic Analysis of the Physiological Processes underlying Maize Grain Yield. <i>Crop Science</i> , 2005 , 45, 981-987	2.4	25
12	Heterosis for Leaf CO ₂ Exchange Rate during the Grain-Filling Period in Maize. <i>Crop Science</i> , 2004 , 44, 2095-2100	2.4	28
11	Physiological Basis of Heterosis for Grain Yield in Maize. <i>Crop Science</i> , 2004 , 44, 2086-2094	2.4	122
10	Genetic Components of Yield Stability in Maize Breeding Populations. <i>Crop Science</i> , 2003 , 43, 2018-2027	2.4	15
9	Effect of Recurrent Selection on Combining Ability in Maize Breeding Populations. <i>Crop Science</i> , 2003 , 43, 1652-1658	2.4	28
8	Genetic Variation in Physiological Discriminators for Cold Tolerance Early Autotrophic Phase of Maize Development. <i>Crop Science</i> , 2002 , 42, 1919-1929	2.4	41
7	Response of Leaf Photosynthesis during the Grain-Filling Period of Maize to Duration of Cold Exposure, Acclimation, and Incident PPFD. <i>Crop Science</i> , 2002 , 42, 1164-1172	2.4	18
6	Corn Inbred Line CG102. <i>Canadian Journal of Plant Science</i> , 2001 , 81, 455-456	1	15
5	Corn Inbred Lines CG60 and CG62. <i>Canadian Journal of Plant Science</i> , 2001 , 81, 453-454	1	13
4	CG104 and CG105 corn inbred line. <i>Canadian Journal of Plant Science</i> , 2000 , 80, 599-600	1	2
3	CG108 corn inbred line. <i>Canadian Journal of Plant Science</i> , 2000 , 80, 817-818	1	10
2	Quantitative trait loci and metabolic pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 1996-2000	11.5	95

- 1 Genetic mechanisms underlying apimaysin and maysin synthesis and corn earworm antibiosis in maize (*Zea mays* L.). *Genetics*, **1998**, 149, 1997-2006

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