

Danuta Boros

List of Publications by Citations

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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.

22
papers

1,565
citations

17
h-index

28
g-index

28
ext. papers

1,725
ext. citations

4.7
avg, IF

3.55
L-index

#	Paper	IF	Citations
22	The HEALTHGRAIN Cereal Diversity Screen: concept, results, and prospects. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 9699-709	5.7	191
21	Variation in the content of dietary fiber and components thereof in wheats in the HEALTHGRAIN Diversity Screen. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 9740-9	5.7	183
20	Phytochemical and dietary fiber components in barley varieties in the HEALTHGRAIN Diversity Screen. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 9767-76	5.7	144
19	Phytochemicals and dietary fiber components in rye varieties in the HEALTHGRAIN Diversity Screen. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 9758-66	5.7	134
18	Phytochemical and fiber components in oat varieties in the HEALTHGRAIN Diversity Screen. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 9777-84	5.7	126
17	Natural variation in grain composition of wheat and related cereals. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 8295-303	5.7	105
16	Contents of dietary fibre components and their relation to associated bioactive components in whole grain wheat samples from the HEALTHGRAIN diversity screen. <i>Food Chemistry</i> , 2013 , 136, 1243-8	8.5	80
15	Alkylresorcinols in wheat varieties in the HEALTHGRAIN Diversity Screen. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 9722-5	5.7	76
14	Environment and genotype effects on the content of dietary fiber and its components in wheat in the HEALTHGRAIN diversity screen. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 9353-61	5.7	62
13	Combined meta-genomics analyses unravel candidate genes for the grain dietary fiber content in bread wheat (<i>Triticum aestivum</i> L.). <i>Functional and Integrative Genomics</i> , 2011 , 11, 71-83	3.8	57
12	Effects of genotype and environment on the content and composition of phytochemicals and dietary fiber components in rye in the HEALTHGRAIN diversity screen. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 9372-83	5.7	56
11	Chemical composition of natural and polyphenol-free apple pomace and the effect of this dietary ingredient on intestinal fermentation and serum lipid parameters in rats. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 9177-85	5.7	47
10	Composition and end-use quality of 150 wheat lines selected for the HEALTHGRAIN Diversity Screen. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 9750-7	5.7	47
9	Variability in the chemical composition of triticale grain, flour and bread. <i>Journal of Cereal Science</i> , 2016 , 71, 66-72	3.8	26
8	Composition of mineral elements and bioactive compounds in tartary buckwheat and wheat sprouts as affected by natural mineral-rich water. <i>Journal of Cereal Science</i> , 2016 , 69, 9-16	3.8	25
7	Relationship between the contents of bioactive components in grain and the release dates of wheat lines in the HEALTHGRAIN diversity screen. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 928-33	5.7	22
6	The Efficiency of Xylanase in Broiler Chickens Fed with Increasing Dietary Levels of Rye. <i>Animals</i> , 2019 , 9,	3.1	12

5	Chick adaptation to diets based on milling fractions of rye varying in arabinoxylans content. <i>Animal Feed Science and Technology</i> , 2002 , 101, 135-149	3	11
4	The nutritive value of egg by-products and their potential bactericidal activity: in vitro and in vivo studies. <i>Journal of the Science of Food and Agriculture</i> , 2007 , 87, 378-387	4.3	10
3	Influence of R genome on the nutritional value of triticale for broiler chicks. <i>Animal Feed Science and Technology</i> , 1999 , 76, 219-226	3	10
2	Triticale-oat bread as a new product rich in bioactive and nutrient components. <i>Journal of Cereal Science</i> , 2018 , 82, 146-154	3.8	8
1	TOTAL DIETARY FIBER 2009 , 167-176		