

Barry V Mccleary

List of Publications by Citations

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47
papers

2,593
citations

24
h-index

50
g-index

50
ext. papers

2,863
ext. citations

2.5
avg, IF

4.91
L-index

#	Paper	IF	Citations
47	Measurement of (1- β), (1- α)-D-glucan in barley and oats: A streamlined enzymic procedure. <i>Journal of the Science of Food and Agriculture</i> , 1991 , 55, 303-312	4.3	313
46	Measurement of Total Starch in Cereal Products by Amyloglucosidase- α -Amylase Method: Collaborative Study. <i>Journal of AOAC INTERNATIONAL</i> , 1997 , 80, 571-579	1.7	286
45	Measurement of Resistant Starch. <i>Journal of AOAC INTERNATIONAL</i> , 2002 , 85, 665-675	1.7	210
44	Measurement of cereal α -amylase: A new assay procedure. <i>Journal of Cereal Science</i> , 1987 , 6, 237-251	3.8	201
43	The fine structures of carob and guar galactomannans. <i>Carbohydrate Research</i> , 1985 , 139, 237-260	2.9	196
42	Measurement of Resistant Starch by Enzymatic Digestion in Starch and Selected Plant Materials: Collaborative Study. <i>Journal of AOAC INTERNATIONAL</i> , 2002 , 85, 1103-1111	1.7	132
41	Determination of insoluble, soluble, and total dietary fiber (CODEX definition) by enzymatic-gravimetric method and liquid chromatography: collaborative study. <i>Journal of AOAC INTERNATIONAL</i> , 2012 , 95, 824-44	1.7	120
40	Determination of Total Dietary Fiber (CODEX Definition) by Enzymatic-Gravimetric Method and Liquid Chromatography: Collaborative Study. <i>Journal of AOAC INTERNATIONAL</i> , 2010 , 93, 221-233	1.7	115
39	Measurement of Total Fructan in Foods by Enzymatic/Spectrophotometric Method: Collaborative Study. <i>Journal of AOAC INTERNATIONAL</i> , 2000 , 83, 356-364	1.7	111
38	An integrated procedure for the measurement of total dietary fibre (including resistant starch), non-digestible oligosaccharides and available carbohydrates. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 389, 291-308	4.4	92
37	Cloning and characterization of arabinoxylan arabinofuranohydrolase-D3 (AXHd3) from <i>Bifidobacterium adolescentis</i> DSM20083. <i>Applied Microbiology and Biotechnology</i> , 2005 , 67, 641-7	5.7	87
36	Characterisation of the oligosaccharides produced on hydrolysis of galactomannan with α -mannase. <i>Carbohydrate Research</i> , 1983 , 118, 91-109	2.9	64
35	A Comparison of Polysaccharide Substrates and Reducing Sugar Methods for the Measurement of endo-1,4- α -xylanase. <i>Applied Biochemistry and Biotechnology</i> , 2015 , 177, 1152-63	3.2	56
34	Measurement of the content of limit-dextrinase in cereal flours. <i>Carbohydrate Research</i> , 1992 , 227, 257-268	2.9	54
33	Hydrolysis of wheat flour arabinoxylan, acid-debranched wheat flour arabinoxylan and arabino-xylo-oligosaccharides by α -xylanase, β -arabinofuranosidase and β -xylosidase. <i>Carbohydrate Research</i> , 2015 , 407, 79-96	2.9	52
32	Dietary fibre analysis. <i>Proceedings of the Nutrition Society</i> , 2003 , 62, 3-9	2.9	49
31	Determination of total dietary fibre and available carbohydrates: A rapid integrated procedure that simulates in vivo digestion. <i>Starch/Staerke</i> , 2015 , 67, 860-883	2.3	43

30	Measurement of Total Dietary Fiber Using AOAC Method 2009.01 (AACC International Approved Method 32-45.01): Evaluation and Updates. <i>Cereal Chemistry</i> , 2013 , 90, 396-414	2.4	42
29	Hydrolysis of alpha-D-glucans and alpha-D-gluco-oligosaccharides by <i>Cladosporium resinae</i> glucoamylases. <i>Carbohydrate Research</i> , 1980 , 86, 77-96	2.9	39
28	Measurement of Novel Dietary Fibers. <i>Journal of AOAC INTERNATIONAL</i> , 2004 , 87, 707-717	1.7	35
27	Modification to AOAC official methods 2009.01 and 2011.25 to allow for minor overestimation of low molecular weight soluble dietary fiber in samples containing starch. <i>Journal of AOAC INTERNATIONAL</i> , 2014 , 97, 896-901	1.7	26
26	Measurement of resistant starch by enzymatic digestion in starch and selected plant materials: collaborative study. <i>Journal of AOAC INTERNATIONAL</i> , 2002 , 85, 1103-11	1.7	25
25	Determination of total dietary fiber (CODEX definition) by enzymatic-gravimetric method and liquid chromatography: collaborative study. <i>Journal of AOAC INTERNATIONAL</i> , 2010 , 93, 221-33	1.7	25
24	Measurement of carbohydrates in grain, feed and food. <i>Journal of the Science of Food and Agriculture</i> , 2006 , 86, 1648-1661	4.3	24
23	Total Dietary Fiber (CODEX Definition) in Foods and Food Ingredients by a Rapid Enzymatic-Gravimetric Method and Liquid Chromatography: Collaborative Study, First Action 2017.16. <i>Journal of AOAC INTERNATIONAL</i> , 2018 ,	1.7	22
22	Novel substrates for the measurement of endo-1,4-β-glucanase (endo-cellulase). <i>Carbohydrate Research</i> , 2014 , 385, 9-17	2.9	21
21	An efficient arabinoxylan-debranching L-arabinofuranosidase of family GH62 from <i>Aspergillus nidulans</i> contains a secondary carbohydrate binding site. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 6265-6277	5.7	18
20	Importance of Enzyme Purity and Activity in the Measurement of Total Dietary Fiber and Dietary Fiber Components. <i>Journal of AOAC INTERNATIONAL</i> , 2000 , 83, 997-1005	1.7	16
19	A novel enzymatic method for the measurement of lactose in lactose-free products. <i>Journal of the Science of Food and Agriculture</i> , 2019 , 99, 947-956	4.3	15
18	Measurement of Starch: Critical Evaluation of Current Methodology. <i>Starch/Staerke</i> , 2019 , 71, 1800146	2.3	13
17	Colourimetric and fluorometric substrates for measurement of pullulanase activity. <i>Carbohydrate Research</i> , 2014 , 393, 60-9	2.9	13
16	Novel substrates for the automated and manual assay of endo-1,4-β-xylanase. <i>Carbohydrate Research</i> , 2017 , 445, 14-22	2.9	12
15	Prediction of potential malt extract and beer filterability using conventional and novel malt assays. <i>Journal of the Institute of Brewing</i> , 2019 , 125, 294-309	2	11
14	Measurement of available carbohydrates, digestible, and resistant starch in food ingredients and products. <i>Cereal Chemistry</i> , 2020 , 97, 114-137	2.4	11
13	Measurement of alpha-amylase activity in white wheat flour, milled malt, and microbial enzyme preparations, using the Ceralpha assay: collaborative study. <i>Journal of AOAC INTERNATIONAL</i> , 2002 , 85, 1096-102	1.7	11

12	Colourimetric and fluorimetric substrates for the assay of limit dextrinase. <i>Journal of Cereal Science</i> , 2015 , 62, 50-57	3.8	8
11	Measurement of novel dietary fibers. <i>Journal of AOAC INTERNATIONAL</i> , 2004 , 87, 707-17	1.7	7
10	Determination of Fructan (Inulin, FOS, Levan, and Branched Fructan) in Animal Food (Animal Feed, Pet Food, and Ingredients): Single-Laboratory Validation, First Action 2018.07. <i>Journal of AOAC INTERNATIONAL</i> , 2019 , 102, 883-892	1.7	6
9	Measurement of Resistant Starch and Incorporation of Resistant Starch into Dietary Fibre Measurements 2013 , 131-144		3
8	In-vivo and In-vitro Methods for Resistant Starch Measurement 106-119		3
7	Structural Features of Resistant Starch 430-439		3
6	Response to the Views and Opinions of Maningat, Seib, and Bassi Regarding McCleary et al (2013). <i>Cereal Chemistry</i> , 2013 , 90, 517-519	2.4	1
5	Measurement of Resistant Starch and Incorporation of Resistant Starch into Dietary Fibre Measurements 2013 , 131-144		1
4	Measurement of Available Carbohydrates in Cereal and Cereal Products, Dairy Products, Vegetables, Fruit, and Related Food Products and Animal Feeds: First Action 2020.07. <i>Journal of AOAC INTERNATIONAL</i> , 2021 , 104, 1465-1478	1.7	0
3	Diastatic power and maltose value: a method for the measurement of amylolytic enzymes in malt. <i>Journal of the Institute of Brewing</i> , 2021 , 127, 327	2	0
2	Response to the Views and Opinions of Maningat, Seib, and Bassi Regarding McCleary et al (2013). <i>Cereal Chemistry</i> , 2015 , 3015, 18-20	2.4	
1	Novel dietary fibers: the importance of carbohydrates in the diet. <i>Journal of AOAC INTERNATIONAL</i> , 2004 , 87, 681	1.7	