Barry V Mccleary

List of Publications by Year
in descending order

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47 papers	3,225 citations	218592 26 h-index	265120 42 g-index
50 all docs	50 docs citations	50 times ranked	2889 citing authors

#	Article	IF	Citations
1	Measurement of (1 â†' 3),(1 â†' 4)-Î²-D-glucan in barley and oats: A streamlined enzymic procedure. Journal of the Science of Food and Agriculture, 1991, 55, 303-312.	1.7	375
2	Measurement of Total Starch in Cereal Products by Amyloglucosidase-Î±-Amylase Method: Collaborative Study. Journal of AOAC INTERNATIONAL, 1997, 80, 571-579.	0.7	343
3	Measurement of Resistant Starch. Journal of AOAC INTERNATIONAL, 2002, 85, 665-675.	0.7	263
4	Measurement of cereal Î±-amylase: A new assay procedure. Journal of Cereal Science, 1987, 6, 237-251.	1.8	226
5	The fine structures of carob and guar galactomannans. Carbohydrate Research, 1985, 139, 237-260.	1.1	223
6	Determination of Insoluble, Soluble, and Total Dietary Fiber (CODEX Definition) by Enzymatic-Gravimetric Method and Liquid Chromatography: Collaborative Study. Journal of AOAC INTERNATIONAL, 2012, 95, 824-844.	0.7	172
7	Measurement of Resistant Starch by Enzymatic Digestion in Starch and Selected Plant Materials: Collaborative Study. Journal of AOAC INTERNATIONAL, 2002, 85, 1103-1111.	0.7	159
8	Determination of Total Dietary Fiber (CODEX Definition) by Enzymatic-Gravimetric Method and Liquid Chromatography: Collaborative Study. Journal of AOAC INTERNATIONAL, 2010, 93, 221-233.	0.7	134
9	Measurement of Total Fructan in Foods by Enzymatic/Spectrophotometric Method: Collaborative Study. Journal of AOAC INTERNATIONAL, 2000, 83, 356-364.	0.7	127
10	An integrated procedure for the measurement of total dietary fibre (including resistant starch), non-digestible oligosaccharides and available carbohydrates. Analytical and Bioanalytical Chemistry, 2007, 389, 291-308.	1.9	112
11	Cloning and characterization of arabinoxylan arabinofuranohydrolase-D3 (AXHd3) from Bifidobacterium adolescentis DSM20083. Applied Microbiology and Biotechnology, 2005, 67, 641-647.	1.7	105
12	A Comparison of Polysaccharide Substrates and Reducing Sugar Methods for the Measurement of endo-1,4-Î²-Xylanase. Applied Biochemistry and Biotechnology, 2015, 177, 1152-1163.	1.4	80
13	Hydrolysis of wheat flour arabinoxylan, acid-debranched wheat flour arabinoxylan and arabino-xylo-oligosaccharides by Î²-xylanase, Î±-l-arabinofuranosidase and Î²-xylosidase. Carbohydrate Research, 2015, 407, 79-96.	1.1	73
14	Characterisation of the oligosaccharides produced on hydrolysis of galactomannan with Î²-d-mannase. Carbohydrate Research, 1983, 118, 91-109.	1.1	72
15	Determination of total dietary fibre and available carbohydrates: A rapid integrated procedure that simulates in vivo digestion. Starch/Staerke, 2015, 67, 860-883.	1.1	62
16	Dietary fibre analysis. Proceedings of the Nutrition Society, 2003, 62, 3-9.	0.4	59
17	Measurement of Total Dietary Fiber Using AOAC Method 2009.01 (AACC International Approved Method) Tj ETQq1 1 0.784314 rgBT	1.1	59
18	Measurement of the content of limit-dextrinase in cereal flours. Carbohydrate Research, 1992, 227, 257-268.	1.1	57

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19	Hydrolysis of Î±-d-glucans and Î±-d-gluco-oligosaccharides by cladosporium resinae glucoamylases. Carbohydrate Research, 1980, 86, 77-96.	1.1	45
20	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. Journal of AOAC INTERNATIONAL, 2019, 102, 196-207.	0.7	41
21	Measurement of Novel Dietary Fibers. Journal of AOAC INTERNATIONAL, 2004, 87, 707-717.	0.7	38
22	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. Journal of AOAC INTERNATIONAL, 2014, 97, 896-901.	0.7	34
23	Measurement of Starch: Critical Evaluation of Current Methodology. Starch/Staerke, 2019, 71, 1800146.	1.1	32
24	Measurement of resistant starch by enzymatic digestion in starch and selected plant materials: collaborative study. Journal of AOAC INTERNATIONAL, 2002, 85, 1103-11.	0.7	32
25	Measurement of carbohydrates in grain, feed and food. Journal of the Science of Food and Agriculture, 2006, 86, 1648-1661.	1.7	31
26	Determination of total dietary fiber (CODEX definition) by enzymatic-gravimetric method and liquid chromatography: collaborative study. Journal of AOAC INTERNATIONAL, 2010, 93, 221-33.	0.7	30
27	A novel enzymatic method for the measurement of lactose in lactoseâ€free products. Journal of the Science of Food and Agriculture, 2019, 99, 947-956.	1.7	29
28	Measurement of available carbohydrates, digestible, and resistant starch in food ingredients and products. Cereal Chemistry, 2020, 97, 114-137.	1.1	25
29	Novel substrates for the measurement of endo-1,4-Î²-glucanase (endo-cellulase). Carbohydrate Research, 2014, 385, 9-17.	1.1	24
30	An efficient arabinoxylan-debranching Î±-l-arabinofuranosidase of family GH62 from Aspergillus nidulans contains a secondary carbohydrate binding site. Applied Microbiology and Biotechnology, 2016, 100, 6265-6277.	1.7	23
31	Importance of Enzyme Purity and Activity in the Measurement of Total Dietary Fiber and Dietary Fiber Components. Journal of AOAC INTERNATIONAL, 2000, 83, 997-1005.	0.7	18
32	Novel substrates for the automated and manual assay of endo -1,4-Î²-xylanase. Carbohydrate Research, 2017, 445, 14-22.	1.1	18
33	Prediction of potential malt extract and beer filterability using conventional and novel malt assays. Journal of the Institute of Brewing, 2019, 125, 294-309.	0.8	17
34	Colourimetric and fluorometric substrates for measurement of pullulanase activity. Carbohydrate Research, 2014, 393, 60-69.	1.1	15
35	Measurement of alpha-amylase activity in white wheat flour, milled malt, and microbial enzyme preparations, using the Ceralpha assay: collaborative study. Journal of AOAC INTERNATIONAL, 2002, 85, 1096-102.	0.7	13
36	Determination of Fructan (Inulin, FOS, Levan, and Branched Fructan) in Animal Food (Animal Feed, Pet) Tj ETQq0 0 0 rgBT /Overlock 10 T INTERNATIONAL, 2019, 102, 883-892.	0.7	10

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37	Colourimetric and fluorimetric substrates for the assay of limit dextrinase. Journal of Cereal Science, 2015, 62, 50-57.	1.8	9
38	Measurement of novel dietary fibers. Journal of AOAC INTERNATIONAL, 2004, 87, 707-17.	0.7	8
39	Structural Features of Resistant Starch. , 0, , 430-439.		7
40	Measurement of Available Carbohydrates in Cereal and Cereal Products, Dairy Products, Vegetables, Fruit, and Related Food Products and Animal Feeds: First Action 2020.07. Journal of AOAC INTERNATIONAL, 2021, 104, 1465-1478.	0.7	6
41	Diastatic power and maltose value: a method for the measurement of amylolytic enzymes in malt. Journal of the Institute of Brewing, 2021, 127, 327-344.	0.8	4
42	Lactose Concentration in Low-Lactose and Lactose-Free Milk, Milk Products, and Products Containing Dairy Ingredients by High Sensitivity Enzymatic Method (K-LOLAC), Collaborative Study: Final Action 2020.08. Journal of AOAC INTERNATIONAL, 2022, 105, 1617-1624.	0.7	2
43	Response to the Views and Opinions of Maningat, Seib, and Bassi Regarding McCleary et al (2013). Cereal Chemistry, 2013, 90, 517-519.	1.1	1
44	Norman Keith Matheson. Journal of Cereal Science, 2008, 48, 563-564.	1.8	0
45	Response to the Views and Opinions of Maningat, Seib, and Bassi Regarding McCleary et al (2013). Cereal Chemistry, 2015, 3015, 18-20.	1.1	0
46	The Challenge of Measuring Sweet Taste in Food Ingredients and Products for Regulatory Compliance: A Scientific Opinion. Journal of AOAC INTERNATIONAL, 2022, 105, 333-345.	0.7	0
47	Novel dietary fibers: the importance of carbohydrates in the diet. Journal of AOAC INTERNATIONAL, 2004, 87, 681.	0.7	0