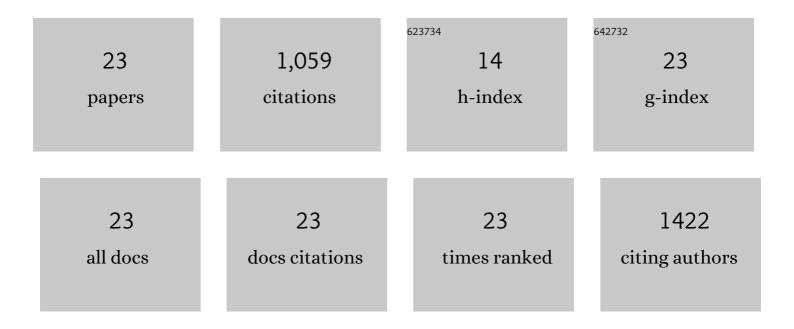
## Tigst Demeke

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9114984/publications.pdf Version: 2024-02-01



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#	Article	IF	CITATIONS
1	Influence of DNA extraction methods, PCR inhibitors and quantification methods on real-time PCR assay of biotechnology-derived traits. Analytical and Bioanalytical Chemistry, 2010, 396, 1977-1990.	3.7	291
2	Simultaneous profiling of seedâ€associated bacteria and fungi reveals antagonistic interactions between microorganisms within a shared epiphytic microbiome on <i><scp>T</scp>riticum</i> and <i><scp>B</scp>rassica</i> seeds. New Phytologist, 2014, 202, 542-553.	7.3	149
3	Species-specific PCR-based assays for the detection of Fusarium species and a comparison with the whole seed agar plate method and trichothecene analysis. International Journal of Food Microbiology, 2005, 103, 271-284.	4.7	128
4	Critical assessment of digital PCR for the detection and quantification of genetically modified organisms. Analytical and Bioanalytical Chemistry, 2018, 410, 4039-4050.	3.7	100
5	Wheat Polyphenol Oxidase. Crop Science, 2001, 41, 1750-1757.	1.8	69
6	Simultaneous detection by PCR of Escherichia coli, Listeria monocytogenes and Salmonella typhimurium in artificially inoculated wheat grain. International Journal of Food Microbiology, 2006, 111, 21-25.	4.7	41
7	Development of a specific TaqMan® real-time PCR assay for quantification of Fusarium graminearum clade 7 and comparison of fungal biomass determined by PCR with deoxynivalenol content in wheat and barley. International Journal of Food Microbiology, 2010, 141, 45-50.	4.7	39
8	Multiplex qualitative PCR assay for identification of genetically modified canola events and real-time event-specific PCR assay for quantification of the GT73 canola event. Food Control, 2008, 19, 893-897.	5.5	33
9	Assessment of droplet digital PCR for absolute quantification of genetically engineered OXY235 canola and DP305423 soybean samples. Food Control, 2014, 46, 470-474.	5.5	31
10	Effects of DNA Extraction and Purification Methods on Real-Time Quantitative PCR Analysis of Roundup Ready Soybean. Journal of AOAC INTERNATIONAL, 2009, 92, 1136-1144.	1.5	30
11	Development of a PCR marker for rapid identification of the <i>Bt-10</i> gene for common bunt resistance in wheat. Genome, 2000, 43, 217-223.	2.0	24
12	Effect of endogenous reference genes on digital PCR assessment of genetically engineered canola events. Biomolecular Detection and Quantification, 2018, 15, 24-29.	7.0	17
13	Assessment of DNA extraction methods for PCR testing of discontinued or unapproved biotech events in single seeds of canola, flax and soybean. Food Control, 2012, 24, 44-49.	5.5	16
14	Effects of DNA extraction and purification methods on real-time quantitative PCR analysis of Roundup Ready soybean. Journal of AOAC INTERNATIONAL, 2009, 92, 1136-44.	1.5	16
15	Development of a polymerase chain reaction assay for detection of three canola transgenes. JAOCS, Journal of the American Oil Chemists' Society, 2002, 79, 1015-1019.	1.9	15
16	Effect of Source of DNA on the Quantitative Analysis of Genetically Engineered Traits Using Digital PCR and Real-Time PCR. Journal of AOAC INTERNATIONAL, 2017, 100, 492-498.	1.5	12
17	Frequent Absence of GBSS 1 B Isoprotein in Endosperm Starch of Canadian Wheat Cultivars. Starch/Staerke, 2000, 52, 349-352.	2.1	11
18	Micropropagation of Phytolacca dodecandra through shoot-tip and nodal cultures. Plant Cell Reports, 1990, 9, 390-2.	5.6	10

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#	Article	IF	CITATIONS
19	Absolute quantification of genetically engineered traits with droplet digital PCR: Effect of DNA treatments and spiking with non-target DNA. Food Control, 2016, 68, 105-111.	5.5	10
20	Increasing the Efficiency of Canola and Soybean GMO Detection and Quantification Using Multiplex Droplet Digital PCR. Biology, 2022, 11, 201.	2.8	7
21	Influence of Amount of Starting Material for DNA Extraction on Detection of Low-Level Presence of Genetically Engineered Traits. Journal of Agricultural and Food Chemistry, 2014, 62, 4349-4358.	5.2	4
22	Assessment of genetically engineered events in heat-treated and non-treated samples using droplet digital PCR and real-time quantitative PCR. Food Control, 2020, 115, 107291.	5.5	4
23	Effect of Amount of DNA on Digital PCR Assessment of Genetically Engineered Canola and Soybean Events. Food Analytical Methods, 2021, 14, 372-379.	2.6	2