

Ana Carolina Maisonnave Arisi

List of Publications by Year in descending order

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73
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1,942
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304368

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docs citations

74
times ranked

2322
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Protein profile and antioxidant capacity of processed seeds from two common bean (<i>Phaseolus</i>) Tj ETQq1 1 0.784314 rgBT ₄ /Overlook | 1.3 | 4 |
| 2 | Inoculation of <i>Herbaspirillum seropedicae</i> strain SmR1 increases biomass in maize roots DKB 390 variety in the early stages of plant development. Archives of Microbiology, 2022, 204, . | 1.0 | 2 |
| 3 | Distribution of Genes Related to Probiotic Effects Across <i>Lactocaseibacillus rhamnosus</i> Revealed by Population Structure. Probiotics and Antimicrobial Proteins, 2021, , 1. | 1.9 | 0 |
| 4 | Application of propidium monoazide coupled with quantitative PCR to evaluate cell viability of <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> in a non-dairy probiotic beverage. Annals of Microbiology, 2020, 70, . | 1.1 | 10 |
| 5 | <i>Bifidobacterium animalis</i> ssp. <i>lactis</i> BB-12 enumeration by quantitative PCR assay in microcapsules with full-fat goat milk and inulin-type fructans. Food Research International, 2020, 133, 109131. | 2.9 | 8 |
| 6 | <i>Azospirillum brasilense</i> viable cells enumeration using propidium monoazide-quantitative PCR. Archives of Microbiology, 2020, 202, 1653-1662. | 1.0 | 10 |
| 7 | Applicability of quantitative polymerase chain reaction (qPCR) assays for common bean authentication in processed food. International Journal of Food Science and Technology, 2019, 54, 1381-1389. | 1.3 | 0 |
| 8 | Extraction of antifreeze proteins from cold acclimated leaves of <i>Drimys angustifolia</i> and their application to star fruit (<i>Averrhoa carambola</i>) freezing. Food Chemistry, 2019, 289, 65-73. | 4.2 | 23 |
| 9 | <i>Herbaspirillum seropedicae</i> promotes maize growth but fails to control the maize leaf anthracnose. Physiology and Molecular Biology of Plants, 2019, 25, 167-176. | 1.4 | 15 |
| 10 | Quantification of <i>Lactobacillus paracasei</i> viable cells in probiotic yoghurt by propidium monoazide combined with quantitative PCR. International Journal of Food Microbiology, 2018, 264, 1-7. | 2.1 | 51 |
| 11 | New plasmid calibrators for geminivirus-resistant (EMB-PV051-1 event) common bean (<i>Phaseolus</i>) Tj ETQq1 1 0.784314 rgBT ₂ /Overlook | 2.0 | 2 |
| 12 | Proteome comparison for discrimination between honeydew and floral honeys from botanical species <i>Mimosa scabrella</i> Bentham by principal component analysis. Journal of the Science of Food and Agriculture, 2017, 97, 4515-4519. | 1.7 | 18 |
| 13 | <i>Azospirillum brasilense</i> FP2 modulates respiratory burst oxidase gene expression in maize seedlings. Indian Journal of Plant Physiology, 2017, 22, 316-323. | 0.8 | 3 |
| 14 | Tools to evaluate <i>Herbaspirillum seropedicae</i> abundance and <i>nifH</i> and <i>rpoC</i> expression in inoculated maize seedlings grown in vitro and in soil. Plant Growth Regulation, 2017, 83, 397-408. | 1.8 | 7 |
| 15 | Comparison of Grain Proteome Profiles of Four Brazilian Common Bean (<i>Phaseolus vulgaris</i> L.) Cultivars. Journal of Agricultural and Food Chemistry, 2017, 65, 7588-7597. | 2.4 | 10 |
| 16 | Antifreeze proteins in naturally cold acclimated leaves of <i>Drimys angustifolia</i> , <i>Senecio icoglossus</i> , and <i>Eucalyptus</i> ssp.. Brazilian Journal of Food Technology, 2016, 19, . | 0.8 | 4 |
| 17 | Leaf proteome comparison of two <sc>GM</sc> common bean varieties and their non-€<sc>GM</sc> counterparts by principal component analysis. Journal of the Science of Food and Agriculture, 2016, 96, 927-932. | 1.7 | 16 |
| 18 | Tuber proteome comparison of five potato varieties by principal component analysis. Journal of the Science of Food and Agriculture, 2016, 96, 3928-3936. | 1.7 | 8 |

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|----|---|-----|-----------|
| 19 | Proteome Comparison of Grains from Two Maize Genotypes, with Colorless Kernel Pericarp (<i>P1-ww</i>) and Red Kernel Pericarp (<i>P1-rr</i>). Food Biotechnology, 2016, 30, 110-122. | 0.6 | 2 |
| 20 | Differential growth responses of <i>Brachypodium distachyon</i> genotypes to inoculation with plant growth promoting rhizobacteria. Plant Molecular Biology, 2016, 90, 689-697. | 2.0 | 48 |
| 21 | Comparison of real-time PCR assay and plate count for <i>Lactobacillus paracasei</i> enumeration in yoghurt. Annals of Microbiology, 2016, 66, 597-606. | 1.1 | 26 |
| 22 | Comparative Proteomic Analysis of Two Varieties of Genetically Modified (GM) Embrapa 5.1 Common Bean (<i>Phaseolus vulgaris</i> L.) and Their Non-GM Counterparts. Journal of Agricultural and Food Chemistry, 2015, 63, 10569-10577. | 2.4 | 18 |
| 23 | Robust biological nitrogen fixation in a model grass bacterial association. Plant Journal, 2015, 81, 907-919. | 2.8 | 171 |
| 24 | Microscopic and proteomic analysis of <i>Zea mays</i> roots (P30F53 variety) inoculated with <i>Azospirillum brasilense</i> strain FP2. Journal of Crop Science and Biotechnology, 2015, 18, 63-71. | 0.7 | 13 |
| 25 | Development of an Event-Specific Hydrolysis Probe Quantitative Real-Time Polymerase Chain Reaction Assay for Embrapa 5.1 Genetically Modified Common Bean (<i>Phaseolus vulgaris</i>). Journal of Agricultural and Food Chemistry, 2014, 62, 11994-12000. | 2.4 | 9 |
| 26 | Gene expression analysis of maize seedlings (DKB240 variety) inoculated with plant growth promoting bacterium <i>Herbaspirillum seropedicae</i> . Symbiosis, 2014, 62, 41-50. | 1.2 | 34 |
| 27 | Real-Time PCR Quantification of the Plant Growth Promoting Bacteria <i>Herbaspirillum seropedicae</i> Strain SmR1 in Maize Roots. Molecular Biotechnology, 2014, 56, 660-70. | 1.3 | 29 |
| 28 | Detecting authorized and unauthorized genetically modified organisms containing vip3A by real-time PCR and next-generation sequencing. Analytical and Bioanalytical Chemistry, 2014, 406, 2603-2611. | 1.9 | 64 |
| 29 | Genetic mapping of semi-polar metabolites in pepper fruits (<i>Capsicum</i> sp.): towards unravelling the molecular regulation of flavonoid quantitative trait loci. Molecular Breeding, 2014, 33, 503-518. | 1.0 | 33 |
| 30 | A high-throughput method for GMO multi-detection using a microfluidic dynamic array. Analytical and Bioanalytical Chemistry, 2014, 406, 1397-1410. | 1.9 | 23 |
| 31 | Safety assessment of plant varieties using transcriptomics profiling and a one-class classifier. Regulatory Toxicology and Pharmacology, 2014, 70, 297-303. | 1.3 | 20 |
| 32 | Expressed Proteins of <i>Herbaspirillum seropedicae</i> in Maize (DKB240) Roots-Bacteria Interaction Revealed Using Proteomics. Applied Biochemistry and Biotechnology, 2014, 174, 2267-2277. | 1.4 | 14 |
| 33 | Development of Plasmid DNA Reference Material for the Quantification of Genetically Modified Common Bean Embrapa 5.1. Journal of Agricultural and Food Chemistry, 2013, 61, 4921-4926. | 2.4 | 14 |
| 34 | Identification of six differentially accumulated proteins of <i>Zea mays</i> seedlings (DKB240 variety) inoculated with <i>Azospirillum brasilense</i> strain FP2. European Journal of Soil Biology, 2013, 58, 45-50. | 1.4 | 18 |
| 35 | Real time PCR detection targeting nifA gene of plant growth promoting bacteria <i>Azospirillum brasilense</i> strain FP2 in maize roots. Symbiosis, 2013, 61, 125-133. | 1.2 | 23 |
| 36 | Chemical characterization of liquid residues from aqueous enzymatic extraction of soybean oil. LWT - Food Science and Technology, 2013, 51, 51-58. | 2.5 | 7 |

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| 37 | The regulation of transcription of genes related to oxidative stress and glutathione synthesis in <i>Zea mays</i> leaves by nitric oxide. <i>Biologia Plantarum</i> , 2013, 57, 620-626. | 1.9 | 15 |
| 38 | Primers and Probes Development for Specific PCR Detection of Genetically Modified Common Bean (<i>Phaseolus vulgaris</i>) Embrapa 5.1. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 4672-4677. | 2.4 | 13 |
| 39 | Sodium nitroprusside modulates gene expression involved in glutathione synthesis in <i>Zea mays</i> leaves. <i>Biologia Plantarum</i> , 2012, 56, 383-388. | 1.9 | 7 |
| 40 | Proteomic Analysis of Four Brazilian MON810 Maize Varieties and Their Four Non-Genetically-Modified Isogenic Varieties. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 11553-11559. | 2.4 | 36 |
| 41 | Development and validation of real-time PCR screening methods for detection of cry1A.105 and cry2Ab2 genes in genetically modified organisms. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 1433-1442. | 1.9 | 42 |
| 42 | Immobilization of a Recombinant Esterase from <i>Lactobacillus plantarum</i> on Polypropylene Accurel MP1000. <i>Applied Biochemistry and Biotechnology</i> , 2011, 163, 304-312. | 1.4 | 7 |
| 43 | Structural stability of <i>Staphylococcus xylosus</i> lipase is modulated by Zn ²⁺ ions. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2011, 1814, 1120-1126. | 1.1 | 16 |
| 44 | Heterologous Expression and Purification of a Heat-Tolerant <i>Staphylococcus xylosus</i> Lipase. <i>Molecular Biotechnology</i> , 2010, 44, 110-119. | 1.3 | 13 |
| 45 | Cloning, Expression, Purification, and Characterization of a Novel Esterase from <i>Lactobacillus plantarum</i> . <i>Molecular Biotechnology</i> , 2010, 44, 242-249. | 1.3 | 41 |
| 46 | Biochemical and Structural Characterization of Two Site-Directed Mutants of <i>Staphylococcus xylosus</i> Lipase. <i>Molecular Biotechnology</i> , 2010, 46, 168-175. | 1.3 | 16 |
| 47 | Monitoring of Bt11 and Bt176 genetically modified maize in food sold commercially in Brazil from 2005 to 2007. <i>Journal of the Science of Food and Agriculture</i> , 2010, 90, 1566-1569. | 1.7 | 11 |
| 48 | Monitoring of GMO in Brazilian processed meat and soy-based products from 2007 to 2008. <i>Journal of Food Composition and Analysis</i> , 2010, 23, 226-229. | 1.9 | 27 |
| 49 | Phenotypic and molecular characterization of <i>Staphylococcus xylosus</i> : technological potential for use in fermented sausage. <i>Brazilian Archives of Biology and Technology</i> , 2009, 52, 737-746. | 0.5 | 15 |
| 50 | Ocurrence of <i>Staphylococcus aureus</i> and multiplex pcr detection of classic enterotoxin genes in cheese and meat products. <i>Brazilian Journal of Microbiology</i> , 2009, 40, 145-148. | 0.8 | 38 |
| 51 | Monitoring of MON810 genetically modified maize in foods in Brazil from 2005 to 2007. <i>Journal of Food Composition and Analysis</i> , 2008, 21, 515-518. | 1.9 | 19 |
| 52 | Quantification of Roundup Ready soybean in Brazilian soybean derived foods by real-time PCR. <i>International Journal of Food Science and Technology</i> , 2008, 43, 1027-1032. | 1.3 | 19 |
| 53 | Nested PCR detection of genetically modified soybean in soybean flour, infant formula and soymilk. <i>LWT - Food Science and Technology</i> , 2007, 40, 748-751. | 2.5 | 15 |
| 54 | Phenotypic characterization and species-specific PCR of promising starter culture strains of <i>Lactobacillus plantarum</i> isolated from naturally fermented sausages. <i>Brazilian Journal of Microbiology</i> , 2007, 38, 547-552. | 0.8 | 9 |

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| 55 | Recombinant DNA in meat additives: Specific detection of Roundup Ready [®] , [®] soybean by nested PCR. <i>Journal of the Science of Food and Agriculture</i> , 2007, 87, 1980-1984. | 1.7 | 20 |
| 56 | Evaluation of polymerase chain reaction and DNA isolation protocols for detection of genetically modified soybean. <i>International Journal of Food Science and Technology</i> , 2007, 42, 1249-1255. | 1.3 | 18 |
| 57 | Genetic variability in four fish species (<i>Pimelodus maculatus</i> , <i>Prochilodus lineatus</i> , <i>Salminus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 and Technology, 2006, 49, 589-598. | 0.5 | 35 |
| 58 | Genetic similarity of Brazilian hull-less and malting barley varieties evaluated by RAPD markers. <i>Scientia Agricola</i> , 2005, 62, 36-39. | 0.6 | 6 |
| 59 | Optimization of random amplified polymorphic DNA protocol for molecular identification of <i>Lophius gastrophysus</i> . <i>Food Science and Technology</i> , 2005, 25, 733-735. | 0.8 | 11 |
| 60 | Responses to cadmium in leaves of transformed poplars overexpressing γ -glutamylcysteine synthetase. <i>Physiologia Plantarum</i> , 2000, 109, 143-149. | 2.6 | 90 |
| 61 | Prolonged phenobarbital pretreatment abolishes the early oxidative stress component induced in the liver by acute lindane intoxication. <i>Toxicology Letters</i> , 2000, 115, 45-51. | 0.4 | 9 |
| 62 | Photoinhibition of photosystem II in tobacco plants overexpressing glutathione reductase and poplars overexpressing superoxide dismutase. <i>Physiologia Plantarum</i> , 1999, 105, 409-416. | 2.6 | 34 |
| 63 | Manipulation of Glutathione and Amino Acid Biosynthesis in the Chloroplast. <i>Plant Physiology</i> , 1998, 118, 471-482. | 2.3 | 190 |
| 64 | Overexpression of Iron Superoxide Dismutase in Transformed Poplar Modifies the Regulation of Photosynthesis at Low CO ₂ Partial Pressures or Following Exposure to the Prooxidant Herbicide Methyl Viologen. <i>Plant Physiology</i> , 1998, 117, 565-574. | 2.3 | 84 |
| 65 | The role of glycine in determining the rate of glutathione synthesis in poplar. Possible implications for glutathione production during stress. <i>Physiologia Plantarum</i> , 1997, 100, 255-263. | 2.6 | 8 |
| 66 | Dose-dependent effects of acute lindane treatment on Kupffer cell function assessed in the isolated perfused rat liver. <i>Xenobiotica</i> , 1997, 27, 747-757. | 0.5 | 13 |
| 67 | Light-dependent modulation of foliar glutathione synthesis and associated amino acid metabolism in poplar overexpressing γ -glutamylcysteine synthetase. <i>Planta</i> , 1997, 202, 357-369. | 1.6 | 76 |
| 68 | Modification of thiol contents in poplars (<i>Populus tremula</i> L. – <i>P. alba</i>) overexpressing enzymes involved in glutathione synthesis. <i>Planta</i> , 1997, 203, 362-372. | 1.6 | 117 |
| 69 | Regression of morphological alterations and oxidative stress-related parameters after acute lindane-induced hepatotoxicity in rats. <i>Toxicology</i> , 1997, 117, 199-205. | 2.0 | 30 |
| 70 | Acute lindane intoxication: A study on lindane tissue concentration and oxidative stress-related parameters in liver and erythrocytes. <i>Journal of Biochemical Toxicology</i> , 1994, 9, 9-15. | 0.5 | 26 |
| 71 | Brain and liver lipid peroxidation levels following acute and short-term lindane administration in the rat. <i>Toxicology Letters</i> , 1994, 74, 61-68. | 0.4 | 10 |
| 72 | Differential effects of short-term lindane administration on parameters related to oxidative stress in rat liver and erythrocytes. <i>Journal of Biochemical Toxicology</i> , 1993, 8, 187-194. | 0.5 | 48 |

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|----|--|-----|-----------|
| 73 | High-added value co-products obtained from pecan nut (<i>Carya illinoensis</i>) using a green extraction technology. <i>Journal of Food Science and Technology</i> , 0, , 1. | 1.4 | 1 |