# Rosane Marina Peralta

## List of Publications by Citations



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| 247 papers | 5,547 citations | 40 h-index | 58 g-index |
| 254 ext. papers | 6,413 ext. citations | 4.4 avg, IF | 5.74 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 247 | Phenolic compounds in fruits – an overview. *International Journal of Food Science and Technology*, **2012**, 47, 2023-2044 | 3.8 | 269 |
| 246 | Decolorization of synthetic dyes by solid state cultures of Lentinula (Lentinus) edodes producing manganese peroxidase as the main ligninolytic enzyme. *Bioresource Technology*, **2004**, 94, 107-12 | 11 | 145 |
| 245 | Antioxidant activity and total phenolic content of Agaricus brasiliensis (Agaricus blazei Murril) in two stages of maturity. *Food Chemistry*, **2009**, 112, 775-781 | 8.5 | 100 |
| 244 | Biological pretreatment of Eucalyptus grandis sawdust with white-rot fungi: Study of degradation patterns and saccharification kinetics. *Chemical Engineering Journal*, **2014**, 258, 240-246 | 14.7 | 92 |
| 243 | Biotechnological, nutritional and therapeutic uses of Pleurotus spp. (Oyster mushroom) related with its chemical composition: A review on the past decade findings. *Trends in Food Science and Technology*, **2016**, 50, 103-117 | 15.3 | 91 |
| 242 | Production of laccase isoforms by Pleurotus pulmonarius in response to presence of phenolic and aromatic compounds. *Journal of Basic Microbiology*, **2004**, 44, 129-36 | 2.7 | 89 |
| 241 | Enzymatic degradation and detoxification of azo dye Congo red by a new laccase from Oudemansiella canarii. *Bioresource Technology*, **2019**, 289, 121655 | 11 | 81 |
| 240 | Curcuma longa L. essential oil composition, antioxidant effect, and effect on Fusarium verticillioides and fumonisin production. *Food Control*, **2017**, 73, 806-813 | 6.2 | 80 |
| 239 | Removal of bisphenol A by laccases from Pleurotus ostreatus and Pleurotus pulmonarius and evaluation of ecotoxicity of degradation products. *Chemical Engineering Journal*, **2017**, 330, 1361-1369 | 14.7 | 77 |
| 238 | Purification and characterization of the main laccase produced by the white-rot fungus Pleurotus pulmonarius on wheat bran solid state medium. *Journal of Basic Microbiology*, **2003**, 43, 278-86 | 2.7 | 71 |
| 237 | Decolourisation of industrial dyes by solid-state cultures of Pleurotus pulmonarius. *Process Biochemistry*, **2004**, 39, 855-859 | 4.8 | 68 |
| 236 | Endophytic fungi: expanding the arsenal of industrial enzyme producers. *Journal of Industrial Microbiology and Biotechnology*, **2014**, 41, 1467-78 | 4.2 | 64 |
| 235 | Inhibition of salivary and pancreatic α-amylases by a pinhão coat (Araucaria angustifolia) extract rich in condensed tannin. *Food Research International*, **2014**, 56, 1-8 | 7 | 61 |
| 234 | Oxidative state of the liver of rats with adjuvant-induced arthritis. *Free Radical Biology and Medicine* , **2013**, 58, 144-53 | 7.8 | 61 |
| 233 | A highly reusable MANAE-agarose-immobilized Pleurotus ostreatus laccase for degradation of bisphenol A. *Science of the Total Environment*, **2018**, 634, 1346-1351 | 10.2 | 60 |
| 232 | Bioactives of fruiting bodies and submerged culture mycelia of Agaricus brasiliensis (A. blazei) and their antioxidant properties. *LWT - Food Science and Technology*, **2012**, 46, 493-499 | 5.4 | 58 |
| 231 | New phytochemicals as potential human anti-aging compounds: Reality, promise, and challenges. *Critical Reviews in Food Science and Nutrition*, **2018**, 58, 942-957 | 11.5 | 56 |

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|---|---|---|---|
| 230 | Hepatoprotective effects of mushrooms. *Molecules*, **2013**, 18, 7609-30 | 4.8 | 55 |
| 229 | Hepatic zonation of carbon and nitrogen fluxes derived from glutamine and ammonia transformations. *Journal of Biomedical Science*, **2010**, 17, 1 | 13.3 | 54 |
| 228 | Purification and biochemical properties of a glucose-stimulated beta-D-glucosidase produced by Humicola grisea var. thermoidea grown on sugarcane bagasse. *Journal of Microbiology*, **2010**, 48, 53-62 | 3 | 53 |
| 227 | Effect of easily metabolizable sugars in the production of xylanase by Aspergillus tamarii in solid-state fermentation. *Process Biochemistry*, **2001**, 36, 835-838 | 4.8 | 53 |
| 226 | Can intrauterine contraceptive devices be a Candida albicans reservoir?. *Contraception*, **2008**, 77, 355-9 | 2.5 | 52 |
| 225 | The past decade findings related with nutritional composition, bioactive molecules and biotechnological applications of Passiflora spp. (passion fruit). *Trends in Food Science and Technology*, **2016**, 58, 79-95 | 15.3 | 51 |
| 224 | Influence of NaCl and Na2SO4 on the kinetics and dye decolorization ability of crude laccase from Ganoderma lucidum. *International Biodeterioration and Biodegradation*, **2011**, 65, 340-344 | 4.8 | 51 |
| 223 | A comparative study of the capsaicinoid and phenolic contents and in vitro antioxidant activities of the peppers of the genus Capsicum: an application of chemometrics. *Journal of Food Science and Technology*, **2015**, 52, 8086-94 | 3.3 | 50 |
| 222 | Bioactive formulations prepared from fruiting bodies and submerged culture mycelia of the Brazilian edible mushroom Pleurotus ostreatoroseus Singer. *Food and Function*, **2015**, 6, 2155-64 | 6.1 | 49 |
| 221 | Antioxidant and antimicrobial activities of a purified polysaccharide from yerba mate (Ilex paraguariensis). *International Journal of Biological Macromolecules*, **2018**, 114, 1161-1167 | 7.9 | 48 |
| 220 | Inhibition of monosaccharide transport in the intact rat liver by stevioside. *Biochemical Pharmacology*, **1987**, 36, 1417-33 | 6 | 46 |
| 219 | Phytochemicals and bioactive properties of Ilex paraguariensis: An in-vitro comparative study between the whole plant, leaves and stems. *Food Research International*, **2015**, 78, 286-294 | 7 | 45 |
| 218 | Production of lipase by soil fungi and partial characterization of lipase from a selected strain (Penicillium wortmanii). *Journal of Basic Microbiology*, **1999**, 39, 11-15 | 2.7 | 45 |
| 217 | Correlation of Candida species and symptoms among patients with vulvovaginal candidiasis in Maringˆ Paranˆ Brazil. *Revista Iberoamericana De Micologia*, **2004**, 21, 202-5 | 1.6 | 45 |
| 216 | Merlot grape pomace hydroalcoholic extract improves the oxidative and inflammatory states of rats with adjuvant-induced arthritis. *Journal of Functional Foods*, **2017**, 33, 408-418 | 5.1 | 44 |
| 215 | Production of xylanolytic enzymes byAspergillus tamariiin solid state fermentation. *FEMS Microbiology Letters*, **1999**, 173, 335-339 | 2.9 | 44 |
| 214 | Decolorization of industrial dyes by a Brazilian strain of Pleurotus pulmonarius producing laccase as the sole phenol-oxidizing enzyme. *Folia Microbiologica*, **2002**, 47, 273-7 | 2.8 | 43 |
| 213 | Beta-D-glycosidase activities of Humicola grisea: biochemical and kinetic characterization of a multifunctional enzyme. *Biochimica Et Biophysica Acta - General Subjects*, **1990**, 1033, 243-9 | 4 | 43 |

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| 212 | Actions of juglone on energy metabolism in the rat liver. *Toxicology and Applied Pharmacology*, **2011**, 257, 319-27 | 4.6 | 42 |
| 211 | New feather-degrading filamentous fungi. *Microbial Ecology*, **2008**, 56, 13-7 | 4.4 | 42 |
| 210 | Effects of Stevia rebaudiana natural products on rat liver mitochondria. *Biochemical Pharmacology*, **1985**, 34, 873-82 | 6 | 42 |
| 209 | Solid-State Bioconversion of Passion Fruit Waste by White-Rot Fungi for Production of Oxidative and Hydrolytic Enzymes. *Food and Bioprocess Technology*, **2012**, 5, 1573-1580 | 5.1 | 41 |
| 208 | Copper improves the production of laccase by the white-rot fungus Pleurotus pulmonarius in solid state fermentation. *Brazilian Archives of Biology and Technology*, **2006**, 49, 699-704 | 1.8 | 41 |
| 207 | Purification and some properties of Mn peroxidase from Lentinula edodes. *Process Biochemistry*, **2006**, 41, 1203-1207 | 4.8 | 40 |
| 206 | Antibacterial activity of papain and bromelain on Alicyclobacillus spp. *International Journal of Food Microbiology*, **2016**, 216, 121-6 | 5.8 | 39 |
| 205 | Caryophyllene, the major constituent of copaiba oil, reduces systemic inflammation and oxidative stress in arthritic rats. *Journal of Cellular Biochemistry*, **2018**, 119, 10262-10277 | 4.7 | 38 |
| 204 | Production of laccase and manganese peroxidase by Pleurotus pulmonarius in solid-state cultures and application in dye decolorization. *Folia Microbiologica*, **2013**, 58, 641-7 | 2.8 | 38 |
| 203 | Stability and biological activity of Merlot (Vitis vinifera) grape pomace phytochemicals after simulated in vitro gastrointestinal digestion and colonic fermentation. *Journal of Functional Foods*, **2017**, 36, 410-417 | 5.1 | 38 |
| 202 | Transport of D-lactate in perfused rat liver. *FEBS Journal*, **1979**, 102, 537-47 | | 38 |
| 201 | Analysis of a whole diet in terms of phenolic content and antioxidant capacity: effects of a simulated gastrointestinal digestion. *International Journal of Food Sciences and Nutrition*, **2016**, 67, 614-23 | 3.7 | 38 |
| 200 | Synthetic dyes biodegradation by fungal ligninolytic enzymes: Process optimization, metabolites evaluation and toxicity assessment. *Journal of Hazardous Materials*, **2020**, 400, 123254 | 12.8 | 36 |
| 199 | Evaluation of the efficacy of flaxseed meal and flaxseed extract in reducing menopausal symptoms. *Journal of Medicinal Food*, **2012**, 15, 840-5 | 2.8 | 36 |
| 198 | A highly thermostable glucosidase activity from the thermophilic fungus Humicola grisea var. thermoidea: purification and biochemical characterization. *FEMS Microbiology Letters*, **1997**, 146, 291-295 | 2.9 | 35 |
| 197 | A natural food ingredient based on ergosterol: optimization of the extraction from Agaricus blazei, evaluation of bioactive properties and incorporation in yogurts. *Food and Function*, **2018**, 9, 1465-1474 | 6.1 | 34 |
| 196 | Xylanase production byAspergillus tamarii. *Applied Biochemistry and Biotechnology*, **1997**, 66, 97-106 | 3.2 | 34 |
| 195 | Production of laccase as the sole phenoloxidase by a Brazilian strain of Pleurotus pulmonarius in solid state fermentation. *Journal of Basic Microbiology*, **2002**, 42, 83-90 | 2.7 | 34 |

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| 194 | Degradation of diuron by Phanerochaete chrysosporium: role of ligninolytic enzymes and cytochrome P450. *BioMed Research International*, **2013**, 2013, 251354 | 3 | 33 |
| 193 | Temperature and carbon source affect the production and secretion of a thermostable β-xylosidase by Aspergillus fumigatus. *Process Biochemistry*, **2003**, 38, 1775-1780 | 4.8 | 33 |
| 192 | Gluconeogenesis in the liver of arthritic rats. *Cell Biochemistry and Function*, **1999**, 17, 271-8 | 4.2 | 33 |
| 191 | Phytochemical profile and biological activities of Ora-pro-nobis leaves (Pereskia aculeata Miller), an underexploited superfood from the Brazilian Atlantic Forest. *Food Chemistry*, **2019**, 294, 302-308 | 8.5 | 32 |
| 190 | Harmful effects of usnic acid on hepatic metabolism. *Chemico-Biological Interactions*, **2013**, 203, 502-11 | 5 | 31 |
| 189 | Effects of Citrus aurantium (bitter orange) fruit extracts and p-synephrine on metabolic fluxes in the rat liver. *Molecules*, **2012**, 17, 5854-69 | 4.8 | 31 |
| 188 | Production of tannase by Aspergillus tamarii in submerged cultures. *Brazilian Archives of Biology and Technology*, **2008**, 51, 399-404 | 1.8 | 31 |
| 187 | The urea cycle in the liver of arthritic rats. *Molecular and Cellular Biochemistry*, **2003**, 243, 97-106 | 4.2 | 31 |
| 186 | Untersuchung von Flu[illegible]geschwindigkeiten in der isolierten perfundierten Rattenleber durch Pulsmarkierung mit radioaktiven Substraten und mathematischer Analyse der Auswaschkinetiken. *Hoppe-Seylers Zeitschrift F[illegible] Physiologische Chemie*, **1980**, 361, 357-378 | | 31 |
| 185 | The emerging use of mycosterols in food industry along with the current trend of extended use of bioactive phytosterols. *Trends in Food Science and Technology*, **2017**, 67, 19-35 | 15.3 | 30 |
| 184 | Effect of the herbicides bentazon and diuron on the production of ligninolytic enzymes by Ganoderma lucidum. *International Biodeterioration and Biodegradation*, **2010**, 64, 156-161 | 4.8 | 30 |
| 183 | Molecular mechanisms of citrus flavanones on hepatic gluconeogenesis. *F[illegible]oterap[illegible]* **2014**, 92, 148-62 | 3.2 | 29 |
| 182 | Biological activities and chemical constituents of Araucaria angustifolia : An effort to recover a species threatened by extinction. *Trends in Food Science and Technology*, **2016**, 54, 85-93 | 15.3 | 28 |
| 181 | Effects of in vitro gastrointestinal digestion and colonic fermentation on a rosemary (Rosmarinus officinalis L) extract rich in rosmarinic acid. *Food Chemistry*, **2019**, 271, 393-400 | 8.5 | 28 |
| 180 | Influence of the carbon and nitrogen sources on keratinase production by Myrothecium verrucaria in submerged and solid state cultures. *Journal of Industrial Microbiology and Biotechnology*, **2009**, 36, 705-11 | 4.2 | 28 |
| 179 | Purification and characterization of a thermostable glucoamylase fromAspergillus fumigatus. *Canadian Journal of Microbiology*, **1998**, 44, 493-497 | 3.2 | 28 |
| 178 | Metabolic effects of propofol in the isolated perfused rat liver. *Basic and Clinical Pharmacology and Toxicology*, **2004**, 95, 166-74 | | 28 |
| 177 | Effects of in vitro digestion and in vitro colonic fermentation on stability and functional properties of yerba mate (Ilex paraguariensis A. St. Hil.) beverages. *Food Chemistry*, **2017**, 237, 453-460 | 8.5 | 27 |

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| 176 | Inhibition of -Amylases by Condensed and Hydrolysable Tannins: Focus on Kinetics and Hypoglycemic Actions. *Enzyme Research*, **2017**, 2017, 5724902 | 2.4 | 27 |
| 175 | Flavonoides e atividade antioxidante em Palicourea rigida Kunth, Rubiaceae. *Revista Brasileira De Farmacognosia*, **2010**, 20, 484-488 | 2 | 27 |
| 174 | Inhibition of Pancreatic Lipase and Triacylglycerol Intestinal Absorption by a Pinhˆ o Coat (Araucaria angustifolia) Extract Rich in Condensed Tannin. *Nutrients*, **2015**, 7, 5601-14 | 6.7 | 26 |
| 173 | A thermostable maltose-tolerant alpha-amylase from Aspergillus tamarii. *Journal of Basic Microbiology*, **2004**, 44, 29-35 | 2.7 | 26 |
| 172 | Biosorption of herbicide picloram from aqueous solutions by live and heat-treated biomasses of Ganoderma lucidum (Curtis) P. Karst and Trametes sp.. *Chemical Engineering Journal*, **2013**, 215-216, 331-338 | 14.7 | 25 |
| 171 | Effects of cafeteria diet on the jejunum in sedentary and physically trained rats. *Nutrition*, **2010**, 26, 312-318 | 4.8 | 25 |
| 170 | Green tea extract improves the oxidative state of the liver and brain in rats with adjuvant-induced arthritis. *Food and Function*, **2015**, 6, 2701-11 | 6.1 | 24 |
| 169 | Oxidative state and oxidative metabolism in the brain of rats with adjuvant-induced arthritis. *Experimental and Molecular Pathology*, **2015**, 98, 549-57 | 4.4 | 24 |
| 168 | Oxidative changes in the blood and serum albumin differentiate rats with monoarthritis and polyarthritis. *SpringerPlus*, **2016**, 5, 36 | | 24 |
| 167 | The action of n-propyl gallate on gluconeogenesis and oxygen uptake in the rat liver. *Chemico-Biological Interactions*, **2009**, 181, 390-9 | 5 | 24 |
| 166 | Co-production of ligninolytic enzymes by Pleurotus pulmonarius on wheat bran solid state cultures. *Journal of Basic Microbiology*, **2006**, 46, 126-34 | 2.7 | 24 |
| 165 | Evaluation of diuron tolerance and biotransformation by the white-rot fungus Ganoderma lucidum. *Fungal Biology*, **2018**, 122, 471-478 | 2.8 | 23 |
| 164 | Enrichment of waste yeast with bioactive compounds from grape pomace as an innovative and emerging technology: Kinetics, isotherms and bioaccessibility. *Innovative Food Science and Emerging Technologies*, **2018**, 45, 18-28 | 6.8 | 23 |
| 163 | Enzymes from Basidiomycetes–Peculiar and Efficient Tools for Biotechnology **2017**, 119-149 | | 23 |
| 162 | Effects of the nonsteroidal anti-inflammatory drug mefenamic acid on energy metabolism in the perfused rat liver. *Biochemical Pharmacology*, **1989**, 38, 823-30 | 6 | 23 |
| 161 | Aproveitamento do resˆ duo de laranja para a produˆ ˜ o de enzimas lignocelulolˆ ticas por Pleurotus ostreatus (Jack:Fr). *Food Science and Technology*, **2007**, 27, 364-368 | 2 | 23 |
| 160 | Production of Enzymes and Biotransformation of Orange Waste by Oyster Mushroom, <i>Pleurotus pulmonarius</i> (Fr.) Quél.. *Advances in Microbiology*, **2015**, 05, 1-8 | 0.6 | 23 |
| 159 | Chemical composition and biological activities of Juˆ ara (Euterpe edulis Martius) fruit by-products, a promising underexploited source of high-added value compounds. *Journal of Functional Foods*, **2019**, 55, 325-332 | 5.1 | 23 |

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| 158 | Liquid nitrogen pretreatment of eucalyptus sawdust and rice hull for enhanced enzymatic saccharification. *Bioresource Technology*, **2017**, 224, 648-655 | 11 | 22 |
| 157 | Comparative removal of bentazon by Ganoderma lucidum in liquid and solid state cultures. *Current Microbiology*, **2010**, 60, 350-5 | 2.4 | 22 |
| 156 | Metabolic effects of p-coumaric acid in the perfused rat liver. *Journal of Biochemical and Molecular Toxicology*, **2006**, 20, 18-26 | 3.4 | 22 |
| 155 | Production of hydrolytic enzymes by the plant pathogenic fungus Myrothecium verrucaria in submerged cultures. *Brazilian Journal of Microbiology*, **2005**, 36, 07 | 2.2 | 22 |
| 154 | Vulvovaginal candidiasis is associated with the production of germ tubes by Candida albicans. *Mycopathologia*, **2005**, 159, 501-7 | 2.9 | 22 |
| 153 | Production of extracellular protease by Aspergillus tamarii. *Journal of Basic Microbiology*, **2000**, 40, 75-81 | 2.7 | 22 |
| 152 | Anti-Inflammatory and Antioxidant Actions of Copaiba Oil Are Related to Liver Cell Modifications in Arthritic Rats. *Journal of Cellular Biochemistry*, **2017**, 118, 3409-3423 | 4.7 | 21 |
| 151 | Decolourization of Congo Red by Ganoderma lucidum Laccase: Evaluation of Degradation Products and Toxicity. *Water, Air, and Soil Pollution*, **2015**, 226, 1 | 2.6 | 21 |
| 150 | The metabolic effects of diuron in the rat liver. *Environmental Toxicology and Pharmacology*, **2017**, 54, 53-61 | 5.8 | 21 |
| 149 | Proteases of Wood Rot Fungi with Emphasis on the Genus Pleurotus. *BioMed Research International* , **2015**, 2015, 290161 | 3 | 21 |
| 148 | Purification and characterization of an efficient poultry feather degrading-protease from Myrothecium verrucaria. *Biodegradation*, **2009**, 20, 727-36 | 4.1 | 21 |
| 147 | Degradation of keratinous materials by the plant pathogenic fungus Myrothecium verrucaria. *Mycopathologia*, **2007**, 163, 153-60 | 2.9 | 21 |
| 146 | The urea cycle and related pathways in the liver of Walker-256 tumor-bearing rats. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2004**, 1688, 187-96 | 6.9 | 21 |
| 145 | Metabolic effects of acetaminophen. Studies in the isolated perfused rat liver. *Cell Biochemistry and Function*, **1989**, 7, 263-73 | 4.2 | 21 |
| 144 | Immobilization of Aspergillus awamori β-glucosidase on commercial gelatin: An inexpensive and efficient process. *International Journal of Biological Macromolecules*, **2018**, 111, 1206-1213 | 7.9 | 20 |
| 143 | Influence of nitrogen sources on the enzymatic activity and grown by Lentinula edodes in biomass Eucalyptus benthamii. *Brazilian Journal of Biology*, **2015**, 75, 940-7 | 1.5 | 20 |
| 142 | Spent mushroom substrate of Pleurotus pulmonarius: a source of easily hydrolyzable lignocellulose. *Folia Microbiologica*, **2016**, 61, 439-48 | 2.8 | 19 |
| 141 | Estimate of consumption of phenolic compounds by Brazilian population. *Revista De Nutricao*, **2015**, 28, 185-196 | 1.8 | 19 |

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| 140 | Effects of simvastatin, atorvastatin, ezetimibe, and ezetimibe + simvastatin combination on the inflammatory process and on the liver metabolic changes of arthritic rats. *Fundamental and Clinical Pharmacology*, **2012**, 26, 722-34 | 3.1 | 19 |
| 139 | Antioxidant activities and phenolic compounds of raw and cooked Brazilian pinhˆ o (Araucaria angustifolia) seeds. *African Journal of Food Science*, **2012**, 6, 512-518 | 0.5 | 19 |
| 138 | Activation of glycogenolysis by methotrexate. Influence of calcium and inhibitors of hormone action. *Biochemical Pharmacology*, **1992**, 44, 761-7 | 6 | 18 |
| 137 | Pigments and vitamins from plants as functional ingredients: Current trends and perspectives. *Advances in Food and Nutrition Research*, **2019**, 90, 259-303 | 6 | 18 |
| 136 | Inhibition of amylases by pentagalloyl glucose: Kinetics, molecular dynamics and consequences for starch absorption. *Journal of Functional Foods*, **2018**, 44, 265-273 | 5.1 | 17 |
| 135 | Agaricus blazei Bioactive Compounds and their Effects on Human Health: Benefits and Controversies. *Current Pharmaceutical Design*, **2017**, 23, 2807-2834 | 3.3 | 17 |
| 134 | The action of p-synephrine on hepatic carbohydrate metabolism and respiration occurs via both Ca(2+)-mobilization and cAMP production. *Molecular and Cellular Biochemistry*, **2014**, 388, 135-47 | 4.2 | 16 |
| 133 | Influence of tamoxifen on gluconeogenesis and glycolysis in the perfused rat liver. *Chemico-Biological Interactions*, **2011**, 193, 22-33 | 5 | 16 |
| 132 | Metabolic effects and distribution space of flufenamic acid in the isolated perfused rat liver. *Chemico-Biological Interactions*, **1998**, 116, 105-22 | 5 | 16 |
| 131 | Kinetic properties of the glucose 6-phosphatase of the liver from arthritic rats. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2003**, 1638, 50-6 | 6.9 | 16 |
| 130 | Transport, distribution space and intracellular concentration of the anti-inflammatory drug niflumic acid in the perfused rat liver. *Biochemical Pharmacology*, **1993**, 45, 1863-71 | 6 | 16 |
| 129 | Kinetics of the transformation of n-propyl gallate and structural analogs in the perfused rat liver. *Toxicology and Applied Pharmacology*, **2013**, 273, 35-46 | 4.6 | 15 |
| 128 | Response of Ganoderma lucidum and Trametes sp. to the herbicide picloram: Tolerance, antioxidants and production of ligninolytic enzymes. *Pesticide Biochemistry and Physiology*, **2013**, 105, 84-92 | 4.9 | 15 |
| 127 | Chˆ verde brasileiro (Camellia sinensis var assamica): efeitos do tempo de infusˆ o, acondicionamento da erva e forma de preparo sobre a efici ˆ cia de extraˆ  o dos bioativos e sobre a estabilidade da bebida. *Food Science and Technology*, **2010**, 30, 191-196 | 2 | 15 |
| 126 | Zonation of the metabolic action of vasopressin in the bivascularly perfused rat liver. *Regulatory Peptides*, **2005**, 129, 233-43 | | 15 |
| 125 | Temperature effect in the production of multiple xylanases by Aspergillus fumigatus. *Journal of Basic Microbiology*, **2002**, 42, 388-95 | 2.7 | 15 |
| 124 | Total antioxidant capacity and phenolic content of the Brazilian diet: a real scenario. *International Journal of Food Sciences and Nutrition*, **2014**, 65, 293-8 | 3.7 | 14 |
| 123 | Production of amylase by Aspergillus fumigatus utilizing methyl-?-glycoside, a synthetic analogue of maltose, as substrate. *FEMS Microbiology Letters*, **1998**, 167, 139-143 | 2.9 | 14 |

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| 122 | Bivascular liver perfusion in the anterograde and retrograde modes: zonation of the response to inhibitors of oxidative phosphorylation. *Cell Biochemistry and Function*, **1995**, 13, 201-9 | 4.2 | 14 |
| 121 | Improving enzymatic saccharification of Eucalyptus grandis branches by ozone pretreatment. *Wood Science and Technology*, **2019**, 53, 49-69 | 2.5 | 14 |
| 120 | Anti-Inflammatory and Antioxidant Actions of Methyl Jasmonate Are Associated with Metabolic Modifications in the Liver of Arthritic Rats. *Oxidative Medicine and Cellular Longevity*, **2018**, 2018, 2056250 | 6.7 | 14 |
| 119 | Water soluble compounds of Rosmarinus officinalis L. improve the oxidative and inflammatory states of rats with adjuvant-induced arthritis. *Food and Function*, **2018**, 9, 2328-2340 | 6.1 | 13 |
| 118 | Food restriction enhances oxidative status in aging rats with neuroprotective effects on myenteric neuron populations in the proximal colon. *Experimental Gerontology*, **2014**, 51, 54-64 | 4.5 | 13 |
| 117 | Catabolism of amino acids in livers from cafeteria-fed rats. *Molecular and Cellular Biochemistry*, **2013**, 373, 265-77 | 4.2 | 13 |
| 116 | Effects of treating old rats with an aqueous Agaricus blazei extract on oxidative and functional parameters of the brain tissue and brain mitochondria. *Oxidative Medicine and Cellular Longevity*, **2014**, 2014, 563179 | 6.7 | 13 |
| 115 | Effects of an Agaricus blazei aqueous extract pretreatment on paracetamol-induced brain and liver injury in rats. *BioMed Research International*, **2013**, 2013, 469180 | 3 | 13 |
| 114 | Effect of pepstatin A on the virulence factors of Candida albicans strains isolated from vaginal environment of patients in three different clinical conditions. *Mycopathologia*, **2006**, 162, 75-82 | 2.9 | 13 |
| 113 | The action of oxybutynin on haemodynamics and metabolism in the perfused rat liver. *Basic and Clinical Pharmacology and Toxicology*, **2003**, 93, 147-52 | | 13 |
| 112 | A new species of Fusarium producer of galactose oxidase. *Journal of Basic Microbiology*, **2001**, 41, 143-8 | 2.7 | 13 |
| 111 | Production of amylase by soil fungi and partial biochemical characterization of amylase of a selected strain (Aspergillus fumigatus Fresenius). *Canadian Journal of Microbiology*, **1993**, 39, 681-685 | 3.2 | 13 |
| 110 | The Metabolic Responses to L-Glutamine of Livers from Rats with Diabetes Types 1 and 2. *PLoS ONE*, **2016**, 11, e0160067 | 3.7 | 13 |
| 109 | A comparative study between conventional and non-conventional extraction techniques for the recovery of ergosterol from Agaricus blazei Murrill. *Food Research International*, **2019**, 125, 108541 | 7 | 12 |
| 108 | Tadalafil inhibits the cAMP stimulated glucose output in the rat liver. *Chemico-Biological Interactions*, **2014**, 220, 1-11 | 5 | 12 |
| 107 | Induction of xylanase in Aspergillus tamarii by methyl β-D-xyloside. *Applied Microbiology and Biotechnology*, **1997**, 47, 267-271 | 5.7 | 12 |
| 106 | Comparison between the aqueous extracts of mycelium and basidioma of the edible mushroom Pleurotus pulmonarius: chemical composition and antioxidant analysis. *Journal of Food Measurement and Characterization*, **2020**, 14, 830-837 | 2.8 | 12 |
| 105 | The food additive BHA modifies energy metabolism in the perfused rat liver. *Toxicology Letters*, **2018**, 299, 191-200 | 4.4 | 12 |

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| 104 | Cafeteria Diet Feeding in Young Rats Leads to Hepatic Steatosis and Increased Gluconeogenesis under Fatty Acids and Glucagon Influence. *Nutrients*, **2018**, 10, | 6.7 | 12 |
| 103 | Potential anti-diabetic properties of Merlot grape pomace extract: An in vitro, in silico and in vivo study of □amylase and □glucosidase inhibition. *Food Research International*, **2020**, 137, 109462 | 7 | 11 |
| 102 | Kinetics of the metabolic effects, distribution spaces and lipid-bilayer affinities of the organo-chlorinated herbicides 2,4-D and picloram in the liver. *Toxicology Letters*, **2019**, 313, 137-149 | 4.4 | 11 |
| 101 | Effects of the venom and the dermonecrotic toxin LiRecDT1 of Loxosceles intermedia in the rat liver. *Toxicon*, **2008**, 52, 695-704 | 2.8 | 11 |
| 100 | Production, purification, and characterization of a novel galactose oxidase from Fusarium acuminatum. *Journal of Basic Microbiology*, **2007**, 47, 203-12 | 2.7 | 11 |
| 99 | The action of extracellular NAD+ on Ca2+ efflux, hemodynamics and some metabolic parameters in the isolated perfused rat liver. *European Journal of Pharmacology*, **2004**, 484, 291-301 | 5.3 | 11 |
| 98 | Oxidative state and oxidative metabolism of the heart from rats with adjuvant-induced arthritis. *Experimental and Molecular Pathology*, **2016**, 100, 393-401 | 4.4 | 11 |
| 97 | Distribution, lipid-bilayer affinity and kinetics of the metabolic effects of dinoseb in the liver. *Toxicology and Applied Pharmacology*, **2017**, 329, 259-271 | 4.6 | 10 |
| 96 | Agaricus blazei Murrill from Brazil: an ingredient for nutraceutical and cosmeceutical applications. *Food and Function*, **2019**, 10, 565-572 | 6.1 | 10 |
| 95 | Resveratrol Reduces Morphologic Changes in the Myenteric Plexus and Oxidative Stress in the Ileum in Rats with Ischemia/Reperfusion Injury. *Digestive Diseases and Sciences*, **2015**, 60, 3252-63 | 4 | 10 |
| 94 | Anemia prevalence and its determinants in Brazilian institutionalized elderly. *Nutrition*, **2012**, 28, 640-3 | 4.8 | 10 |
| 93 | Simultaneous Removal of the Antimicrobial Activity and Toxicity of Sulfamethoxazole and Trimethoprim by White Rot Fungi. *Water, Air, and Soil Pollution*, **2017**, 228, 1 | 2.6 | 10 |
| 92 | Transformation products of extracellular NAD(+) in the rat liver: kinetics of formation and metabolic action. *Molecular and Cellular Biochemistry*, **2008**, 307, 41-50 | 4.2 | 10 |
| 91 | Low doses of tumour necrosis factor alpha and interleukin 1beta diminish hepatic gluconeogenesis from alanine in vivo. *Basic and Clinical Pharmacology and Toxicology*, **2006**, 99, 335-9 | 3.1 | 10 |
| 90 | Heterogenic response of the liver parenchyma to ethanol studied in the bivascularly perfused rat liver. *Molecular and Cellular Biochemistry*, **2004**, 258, 155-62 | 4.2 | 10 |
| 89 | Zonation of alanine metabolism in the bivascularly perfused rat liver. *Liver International*, **2005**, 25, 861-71 | 7.9 | 10 |
| 88 | Influence of growth conditions on the production of xylanolytic enzymes by Aspergillus flavus. *Journal of Basic Microbiology*, **1999**, 39, 155-160 | 2.7 | 10 |
| 87 | Supplementation with L-Glutamine and L-Alanyl-L-Glutamine Changes Biochemical Parameters and Jejunum Morphophysiology in Type 1 Diabetic Wistar Rats. *PLoS ONE*, **2015**, 10, e0143005 | 3.7 | 10 |

| | | | |
|---|---|---|---|
| 86 | Fast hepatic biotransformation of p-synephrine and p-octopamine and implications for their oral intake. *Food and Function*, **2016**, 7, 1483-91 | 6.1 | 10 |
| 85 | Potential use of cyclodextrin-glycosyltransferase enzyme in bread-making and the development of gluten-free breads with pinion and corn flours. *International Journal of Food Sciences and Nutrition*, **2015**, 66, 275-81 | 3.7 | 9 |
| 84 | Economical and Technological Aspects of Copper Removal from Water Using a Geopolymer and Natural Zeolite. *Water, Air, and Soil Pollution*, **2020**, 231, 1 | 2.6 | 9 |
| 83 | Effects of the continuous administration of an Agaricus blazei extract to rats on oxidative parameters of the brain and liver during aging. *Molecules*, **2014**, 19, 18590-603 | 4.8 | 9 |
| 82 | Adrenergic metabolic and hemodynamic effects of octopamine in the liver. *International Journal of Molecular Sciences*, **2013**, 14, 21858-72 | 6.3 | 9 |
| 81 | Involvement of Lignin-Modifying Enzymes in the Degradation of Herbicides **2013**, | | 9 |
| 80 | Adequaˆ □□ do suporte nutricional na terapia nutricional enteral: comparaˆ □□ em dois hospitais. *Revista De Nutricao*, **2009**, 22, 341-350 | 1.8 | 9 |
| 79 | Transport of cyclic AMP and synthetic analogs in the perfused rat liver. *Biochemical Pharmacology*, **2000**, 59, 1187-201 | 6 | 9 |
| 78 | Production of amylases by Aspergillus tamarii. *Revista De Microbiologia*, **1999**, 30, 157-162 | | 9 |
| 77 | An Overview of Structural Aspects and Health Beneficial Effects of Antioxidant Oligosaccharides. *Current Pharmaceutical Design*, **2020**, 26, 1759-1777 | 3.3 | 9 |
| 76 | The acute effects of citrus flavanones on the metabolism of glycogen and monosaccharides in the isolated perfused rat liver. *Toxicology Letters*, **2018**, 291, 158-172 | 4.4 | 8 |
| 75 | Actions of p-synephrine on hepatic enzyme activities linked to carbohydrate metabolism and ATP levels in vivo and in the perfused rat liver. *Cell Biochemistry and Function*, **2018**, 36, 4-12 | 4.2 | 8 |
| 74 | Purinergic effects of a hydroalcoholic Agaricus brasiliensis (A. blazei) extract on liver functions. *Journal of Agricultural and Food Chemistry*, **2010**, 58, 7202-10 | 5.7 | 8 |
| 73 | Production, uptake, and metabolic effects of cyclic AMP in the bivascularly perfused rat liver. *Biochemical Pharmacology*, **1997**, 54, 1115-25 | 6 | 8 |
| 72 | Metabolic fluxes in the liver of rats bearing the Walker-256 tumour: influence of the circulating levels of substrates and fatty acids. *Cell Biochemistry and Function*, **2008**, 26, 51-63 | 4.2 | 8 |
| 71 | Development of a technique for psyllium husk mucilage purification with simultaneous microencapsulation of curcumin. *PLoS ONE*, **2017**, 12, e0182948 | 3.7 | 8 |
| 70 | Biodegradation of human keratin by protease from the basidiomycete Pleurotus pulmonarius. *International Biodeterioration and Biodegradation*, **2018**, 127, 124-129 | 4.8 | 8 |
| 69 | n-Octyl gallate as inhibitor of pyruvate carboxylation and lactate gluconeogenesis. *Journal of Biochemical and Molecular Toxicology*, **2015**, 29, 157-64 | 3.4 | 7 |

| | | | |
|---|---|---|---|
| 68 | Yerba mate aqueous extract improves the oxidative and inflammatory states of rats with adjuvant-induced arthritis. *Food and Function*, **2019**, 10, 5682-5696 | 6.1 | 7 |
| 67 | Modeling Based Structural Insights into Biodegradation of the Herbicide Diuron by Laccase-1 from Ceriporiopsis subvermispora. *Bioinformation*, **2015**, 11, 224-8 | 1.1 | 7 |
| 66 | Biosorption potential of synthetic dyes by heat-inactivated and live Lentinus edodes CCB-42 immobilized in loofa sponges. *World Journal of Microbiology and Biotechnology*, **2014**, 30, 3229-44 | 4.4 | 7 |
| 65 | Effects of ranolazine on fatty acid transformation in the isolated perfused rat liver. *Molecular and Cellular Biochemistry*, **2010**, 345, 35-44 | 4.2 | 7 |
| 64 | Pentachlorophenol removal by Pleurotus pulmonarius in submerged cultures. *Brazilian Archives of Biology and Technology*, **2011**, 54, 357-362 | 1.8 | 7 |
| 63 | The use of alpha-methyl-D-glucoside, a synthetic analogue of maltose, as inducer of amylase by Aspergillus sp in solid-state and submerged fermentations. *Brazilian Journal of Microbiology*, **2001**, 32, 15-19 | 2.2 | 7 |
| 62 | Antioxidant Action of an Aqueous Extract of Royal Sun Medicinal Mushroom, Agaricus brasiliensis (Agaricomycetes), in Rats with Adjuvant-Induced Arthritis. *International Journal of Medicinal Mushrooms*, **2018**, 20, 101-117 | 1.3 | 7 |
| 61 | Effects of Cooking and In Vitro Digestion on Antioxidant Properties and Cytotoxicity of the Culinary-Medicinal Mushroom Pleurotus ostreatoroseus (Agaricomycetes). *International Journal of Medicinal Mushrooms*, **2018**, 20, 259-270 | 1.3 | 7 |
| 60 | Comparative detoxification of Remazol Rrilliant Blue R by free and immobilized laccase of Oudemansiella canarii. *Biocatalysis and Biotransformation*, **2020**, 1-12 | 2.5 | 7 |
| 59 | Ultrasound assisted extraction of hibiscus ( L.) bioactive compounds for application as potential functional ingredient. *Journal of Food Science and Technology*, **2019**, 56, 4667-4677 | 3.3 | 6 |
| 58 | Transport and distribution of (45)Ca(2+) in the perfused rat liver and the influence of adjuvant-induced arthritis. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2013**, 1832, 249-62 | 6.9 | 6 |
| 57 | Zonation of the action of ethanol on gluconeogenesis and ketogenesis studied in the bivascularly perfused rat liver. *Chemico-Biological Interactions*, **2009**, 177, 89-95 | 5 | 6 |
| 56 | Glycogen levels and energy status of the liver of fasting rats with diabetes types 1 and 2. *Brazilian Archives of Biology and Technology*, **2007**, 50, 785-791 | 1.8 | 6 |
| 55 | An analysis of developmental timing in Blastocladiella emersonii sporulation. *Developmental Biology*, **1988**, 128, 78-85 | 3.1 | 6 |
| 54 | Fatty acids uptake and oxidation are increased in the liver of rats with adjuvant-induced arthritis. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2019**, 1865, 696-707 | 6.9 | 6 |
| 53 | Adding value to aluminosilicate solid wastes to produce adsorbents, catalysts and filtration membranes for water and wastewater treatment. *Journal of Materials Science*, **2021**, 56, 1039-1063 | 4.3 | 6 |
| 52 | Laccases in food processing: Current status, bottlenecks and perspectives. *Trends in Food Science and Technology*, **2021**, 115, 445-460 | 15.3 | 6 |
| 51 | Solid-state fermentation with orange waste: optimization of Laccase production from Pleurotus pulmonarius CCB-20 and decolorization of synthetic dyes. *Acta Scientiarum - Biological Sciences*, **2020**, 42, e52699 | 0.3 | 5 |

| | | | |
|---|---|---|---|
| 50 | Methyl Jasmonate Reduces Inflammation and Oxidative Stress in the Brain of Arthritic Rats. *Antioxidants*, **2019**, 8, | 7.1 | 5 |
| 49 | FATTY ACID COMPOSITION OF Capsicum GENUS PEPPERS. *Ciencia E Agrotecnologia*, **2015**, 39, 372-380 | 1.6 | 5 |
| 48 | Ligninolytic Enzymes from White-rot Fungi andApplication in the Removal of Synthetic Dyes **2013**, | | 5 |
| 47 | Purification and characterization of a thermostable glucoamylase from Aspergillus fumigatus. *Canadian Journal of Microbiology*, **1998**, 44, 493-497 | 3.2 | 5 |
| 46 | Characterisation of free and immobilised laccases from Ganoderma lucidum: application on bisphenol a degradation. *Biocatalysis and Biotransformation*, **2021**, 39, 71-80 | 2.5 | 5 |
| 45 | Recent development on Ag2MoO4-based advanced oxidation processes: a review. *Reaction Kinetics, Mechanisms and Catalysis*, **2021**, 132, 1-35 | 1.6 | 5 |
| 44 | In silico evaluation of condensed and hydrolysable tannins as inhibitors of pancreatic □amylase. *Journal of Molecular Modeling*, **2019**, 25, 275 | 2 | 4 |
| 43 | Endophytes as Pollutant-Degrading Agents: Current Trends and Perspectives. *Reference Series in Phytochemistry*, **2019**, 609-630 | 0.7 | 4 |
| 42 | Digestibilidade e atividade enzimˆ □ica intestinal de coelhos em crescimento alimentados com diferentes fontes de amido processadas ou nˆ □ por extrusˆ □. *Revista Brasileira De Zootecnia*, **2005**, 34, 557-567 | 1.2 | 4 |
| 41 | Produˆ □□ de inˆ □ulo do cogumelo comestˆ □el Pleurotus pulmonarius (Fr.) Quˆ let - CCB19 a partir de resˆ □duos da agroindˆ □stria. *Food Science and Technology*,27, 84-87 | 2 | 4 |
| 40 | Lack of association between genotypes and virulence factors in C. albicans strains isolated from vaginal secretion. *Brazilian Journal of Microbiology*, **2007**, 38, 467-471 | 2.2 | 4 |
| 39 | Copaiba Oil Decreases Oxidative Stress and Inflammation But not Colon Damage in Rats with TNBS-Induced Colitis. *Endocrine, Metabolic and Immune Disorders - Drug Targets*, **2018**, 18, 268-280 | 2.2 | 4 |
| 38 | Characterization of a Solvent-tolerant Manganese Peroxidase from Pleurotus pulmonarius and its Application in Dye Decolorization. *Current Biotechnology*, **2017**, 6, | 0.6 | 4 |
| 37 | Glycemic homeostasis and hepatic metabolism are modified in rats with global cerebral ischemia. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2020**, 1866, 165934 | 6.9 | 4 |
| 36 | Immobilization and characterization of tannase from Penicillium rolfsii CCMB 714 and its efficiency in apple juice clarification. *Journal of Food Measurement and Characterization*, **2021**, 15, 1005-1013 | 2.8 | 4 |
| 35 | Screening of Fusarium sp. for xylan and cellulose hydrolyzing enzymes and perspectives for the saccharification of delignified sugarcane bagasse. *Biocatalysis and Agricultural Biotechnology*, **2018**, 16, 385-389 | 4.2 | 4 |
| 34 | A reappraisal of the proposed metabolic and antioxidant actions of butylated hydroxytoluene (BHT) in the liver. *Journal of Biochemical and Molecular Toxicology*, **2017**, 31, e21924 | 3.4 | 3 |
| 33 | Three new dinuclear nickel(II) complexes with amine pendant-armed ligands: Characterization, DFT study, antibacterial and hydrolase-like activity. *Inorganica Chimica Acta*, **2020**, 507, 119559 | 2.7 | 3 |

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|---|---|---|---|
| 32 | Biochemical Properties and Effects on Mitochondrial Respiration of Aqueous Extracts of Basidiomycete Mushrooms. *Cell Biochemistry and Biophysics*, **2020**, 78, 111-119 | 3.2 | 3 |
| 31 | Digestibilidade e desempenho de coelhos oriundos de quatro padr ˆ es de alimenta ˆ  o at ˆ 'a desmama alimentados com dietas contendo diferentes n ˆ veis de amido ap ˆ s a desmama. *Revista Brasileira De Zootecnia*, **2004**, 33, 1172-1180 | 1.2 | 3 |
| 30 | Digestibilidade de Duas Fontes de Amido e Atividade Enzim ˆ tica em Coelhos de 35 e 45 Dias de Idade. *Revista Brasileira De Zootecnia*, **2002**, 31, 1434-1441 | 1.2 | 3 |
| 29 | Effect of the Combination of Ezetimibe and Simvastatin on Gluconeogenesis and Oxygen Consumption in the Rat Liver. *Basic and Clinical Pharmacology and Toxicology*, **2016**, 118, 415-20 | 3.1 | 3 |
| 28 | Aqueous Extract of Agaricus blazei Murrill Prevents Age-Related Changes in the Myenteric Plexus of the Jejunum in Rats. *Evidence-based Complementary and Alternative Medicine*, **2015**, 2015, 287153 | 2.3 | 2 |
| 27 | Obese adult phenotype: Adaptations of small intestine to cafeteria diet and aerobic physical training after weaning. *Science and Sports*, **2014**, 29, 20-26 | 0.8 | 2 |
| 26 | PRODU ˆ  O DE XILANASE POR Aspergillus casielus COM DIFERENTES FONTES DE CARBONO. *Boletim Centro De Pesquisa De Processamento De Alimentos*, **2007**, 25, | 0.5 | 2 |
| 25 | Carbohydrate digestive enzymes are inhibited by Poincianella pluviosa stem bark extract: relevance on type 2 diabetes treatment. *Clinical Phytoscience*, **2020**, 6, | 2.4 | 2 |
| 24 | Responses of the perfused liver of neonatal type 2 diabetic rats to gluconeogenic and ammoniogenic substrates. *Health*, **2010**, 02, 477-483 | 0.4 | 2 |
| 23 | Action of carvacrol in Salmonella Typhimurium biofilm: A proteomic study.. *Journal of Applied Biomedicine*, **2020**, 18, 106-114 | 0.6 | 2 |
| 22 | Valorization of Peach Palm (Bactris gasipaes Kunth) Waste: Production of Antioxidant Xylooligosaccharides. *Waste and Biomass Valorization*,1 | 3.2 | 2 |
| 21 | Direct microencapsulation of an annatto extract by precipitation of psyllium husk mucilage polysaccharides. *Food Hydrocolloids*, **2021**, 112, 106333 | 10.6 | 2 |
| 20 | Actions of multiple doses of resveratrol on oxidative and inflammatory markers in plasma and brain of healthy and arthritic rats. *Basic and Clinical Pharmacology and Toxicology*, **2021**, 128, 80-90 | 3.1 | 2 |
| 19 | Effects of a Myrciaria jaboticaba peel extract on starch and triglyceride absorption and the role of cyanidin-3-O-glucoside. *Food and Function*, **2021**, 12, 2644-2659 | 6.1 | 2 |
| 18 | Evaluation of the Antioxidant and Antimicrobial Activity of the Culinary-Medicinal Mushroom Lentinula boryana (Agaricomycetes) from Brazil. *International Journal of Medicinal Mushrooms*, **2021** , 23, 1-7 | 1.3 | 2 |
| 17 | The rapid transformation of triclosan in the liver reduces its effectiveness as inhibitor of hepatic energy metabolism.. *Toxicology and Applied Pharmacology*, **2022**, 442, 115987 | 4.6 | 2 |
| 16 | Effects of combined use of keratinolytic enzymes and sugarcane fibre on the hairball excretion in cats. *Journal of Animal Physiology and Animal Nutrition*, **2021**, 105 Suppl 2, 129-137 | 2.6 | 1 |
| 15 | Production and secretion of a multifunctional ˆ  glucosidase by Humicola grisea var. thermoidea: effects of L-sorbose. *Annals of Microbiology*, **2014**, 64, 1089-1097 | 3.2 | 1 |

| | | | |
|---|---|---|---|
| 14 | Production of fungal laccase on pineapple waste and application in detoxification of malachite green.. *Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes*, **2022**, 1-12 | 2.2 | 1 |
| 13 | Climate change affects cell-wall structure and hydrolytic performance of a perennial grass as an energy crop. *Biofuels, Bioproducts and Biorefining*, | 5.3 | 1 |
| 12 | The inhibitory action of purple tea on in vivo starch digestion compared to other Camellia sinensis teas. *Food Research International*, **2021**, 150, 110781 | 7 | 1 |
| 11 | Desempenho de coelhos atˆ 'a desmama de acordo com o tamanho da ninhada e o nˆ Vel de amido nas dietas. *Revista Brasileira De Zootecnia*, **2004**, 33, 894-900 | 1.2 | 1 |
| 10 | Biodiscoloration, Detoxification and Biosorption of Reactive Blue 268 by Trametes sp. M3: a Strategy for the Treatment of Textile Effluents. *Water, Air, and Soil Pollution*, **2020**, 231, 1 | 2.6 | 1 |
| 9 | Endophytes as Pollutant-Degrading Agents: Current Trends and Perspectives. *Reference Series in Phytochemistry*, **2018**, 1-22 | 0.7 | 1 |
| 8 | Low dose of quercetin-loaded pectin/casein microparticles reduces the oxidative stress in arthritic rats. *Life Sciences*, **2021**, 284, 119910 | 6.8 | 1 |
| 7 | Biochemical characterization and biological properties of mycelium extracts from Lepista sordida GMA-05 and Trametes hirsuta GMA-01: new mushroom strains isolated in Brazil.. *Brazilian Journal of Microbiology*, **2022**, 53, 349 | 2.2 | 0 |
| 6 | Insulin degludec and glutamine dipeptide modify glucose homeostasis and liver metabolism in diabetic mice undergoing insulin-induced hypoglycemia.. *Journal of Applied Biomedicine*, **2021**, 19, 210-219 | 0.6 | 0 |
| 5 | Effect of the addition of encapsulated Lactiplantibacillus plantarum Lp-115, Bifidobacterium animalis spp. lactis Bb-12, and Lactobacillus acidophilus La-5 to cooked burger. *LWT - Food Science and Technology*, **2022**, 155, 112946 | 5.4 | 0 |
| 4 | Kinetic mechanisms by which nickel alters the calcium (Ca) transport in intact rat liver. *Journal of Biological Inorganic Chemistry*, **2021**, 26, 641-658 | 3.7 | 0 |
| 3 | Effects of Ilex paraguariensis beverages on in vivo triglyceride and starch absorption in mice. *Biocatalysis and Agricultural Biotechnology*, **2022**, 42, 102330 | 4.2 | 0 |
| 2 | Recommended Consumption of Fruits and Vegetables Increases the Intake of Polyphenols and Flavonoids in Brazilian Adults. *Current Nutrition and Food Science*, **2020**, 16, 314-322 | 0.7 | |
| 1 | Yerba Mate (Ilex paraguariensis A. St. Hil.): A Promising Adjuvant in the Treatment of Diabetes, Obesity, and Metabolic Syndrome **2018**, 167-181 | | |