Adelar Bracht

List of Publications by Year in Descending Order

233 papers	4,169 citations	33 h-index	46 g-index
236 ext. papers	4,862 ext. citations	4.8 avg, IF	5.36 L-index

#	Paper	IF	Citations
233	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
232	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
231	Effects of Ilex paraguariensis beverages on in vivo triglyceride and starch absorption in mice. *Biocatalysis and Agricultural Biotechnology*, **2022**, 42, 102330	4.2	0
230	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
229	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
228	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
227	Characterisation of free and immobilised laccases from Ganoderma lucidum: application on bisphenol a degradation. *Biocatalysis and Biotransformation*, **2021**, 39, 71-80	2.5	5
226	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
225	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
224	Laccases in food processing: Current status, bottlenecks and perspectives. *Trends in Food Science and Technology*, **2021**, 115, 445-460	15.3	6
223	Low dose of quercetin-loaded pectin/casein microparticles reduces the oxidative stress in arthritic rats. *Life Sciences*, **2021**, 284, 119910	6.8	1
222	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
221	Synthetic dyes biodegradation by fungal ligninolytic enzymes: Process optimization, metabolites evaluation and toxicity assessment. *Journal of Hazardous Materials*, **2020**, 400, 123254	12.8	36
220	Carbohydrate digestive enzymes are inhibited by Poincianella pluviosa stem bark extract: relevance on type 2 diabetes treatment. *Clinical Phytoscience*, **2020**, 6,	2.4	2
219	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
218	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
217	Comparative detoxification of Remazol Rrilliant Blue R by free and immobilized laccase of Oudemansiella canarii. *Biocatalysis and Biotransformation*, **2020**, 1-12	2.5	7

216	An Overview of Structural Aspects and Health Beneficial Effects of Antioxidant Oligosaccharides. *Current Pharmaceutical Design*, **2020**, 26, 1759-1777	3.3	9
215	In silico evaluation of condensed and hydrolysable tannins as inhibitors of pancreatic α-amylase. *Journal of Molecular Modeling*, **2019**, 25, 275	2	4
214	Enzymatic degradation and detoxification of azo dye Congo red by a new laccase from Oudemansiella canarii. *Bioresource Technology*, **2019**, 289, 121655	11	81
213	Endophytes as Pollutant-Degrading Agents: Current Trends and Perspectives. *Reference Series in Phytochemistry*, **2019**, 609-630	0.7	4
212	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
211	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
210	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
209	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
208	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
207	Methyl Jasmonate Reduces Inflammation and Oxidative Stress in the Brain of Arthritic Rats. *Antioxidants*, **2019**, 8,	7.1	5
206	Pigments and vitamins from plants as functional ingredients: Current trends and perspectives. *Advances in Food and Nutrition Research*, **2019**, 90, 259-303	6	18
205	Chemical composition and biological activities of "Juçara" (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
204	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
203	Improving enzymatic saccharification of Eucalyptus grandis branches by ozone pretreatment. *Wood Science and Technology*, **2019**, 53, 49-69	2.5	14
202	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
201	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
200	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
199	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

198	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
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	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
195	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
194	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
193	Evaluation of diuron tolerance and biotransformation by the white-rot fungus Ganoderma lucidum. *Fungal Biology*, **2018**, 122, 471-478	2.8	23
192	□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
191	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
190	Yerba Mate (Ilex paraguariensis A. St. Hil.): A Promising Adjuvant in the Treatment of Diabetes, Obesity, and Metabolic Syndrome **2018**, 167-181		
189	The food additive BHA modifies energy metabolism in the perfused rat liver. *Toxicology Letters*, **2018**, 299, 191-200	4.4	12
188	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
187	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
186	Endophytes as Pollutant-Degrading Agents: Current Trends and Perspectives. *Reference Series in Phytochemistry*, **2018**, 1-22	0.7	1
185	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
184	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
183	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
182	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
181	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

180	Inhibition of -Amylases by Condensed and Hydrolysable Tannins: Focus on Kinetics and Hypoglycemic Actions. *Enzyme Research*, **2017**, 2017, 5724902	2.4	27
179	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
178	The metabolic effects of diuron in the rat liver. *Environmental Toxicology and Pharmacology*, **2017**, 54, 53-61	5.8	21
177	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
176	Enzymes from Basidiomycetes—Peculiar and Efficient Tools for Biotechnology **2017**, 119-149		23
175	Liquid nitrogen pretreatment of eucalyptus sawdust and rice hull for enhanced enzymatic saccharification. *Bioresource Technology*, **2017**, 224, 648-655	11	22
174	Agaricus blazei Bioactive Compounds and their Effects on Human Health: Benefits and Controversies. *Current Pharmaceutical Design*, **2017**, 23, 2807-2834	3.3	17
173	Characterization of a Solvent-tolerant Manganese Peroxidase from Pleurotus pulmonarius and its Application in Dye Decolorization. *Current Biotechnology*, **2017**, 6,	0.6	4
172	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
171	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
170	Oxidative changes in the blood and serum albumin differentiate rats with monoarthritis and polyarthritis. *SpringerPlus*, **2016**, 5, 36		24
169	Spent mushroom substrate of Pleurotus pulmonarius: a source of easily hydrolyzable lignocellulose. *Folia Microbiologica*, **2016**, 61, 439-48	2.8	19
168	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
167	The Metabolic Responses to L-Glutamine of Livers from Rats with Diabetes Types 1 and 2. *PLoS ONE*, **2016**, 11, e0160067	3.7	13
166	The <i>in Vitro</i> Antioxidant Capacities of Hydroalcoholic Extracts from Roots and Leaves of <i>Smallanthus sonchifolius</i> (Yacon) Do Not Correlate with Their <i>in Vivo</i> Antioxidant Action in Diabetic Rats. *Journal of Biosciences and Medicines*, **2016**, 04, 15-27	0.2	5
165	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
164	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
163	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

162	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
161	n-Octyl gallate as inhibitor of pyruvate carboxylation and lactate gluconeogenesis. *Journal of Biochemical and Molecular Toxicology*, **2015**, 29, 157-64	3.4	7
160	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
159	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
158	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
157	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
156	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
155	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
154	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
153	Inhibition of Pancreatic Lipase and Triacylglycerol Intestinal Absorption by a Pinhão Coat (Araucaria angustifolia) Extract Rich in Condensed Tannin. *Nutrients*, **2015**, 7, 5601-14	6.7	26
152	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
151	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
150	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
149	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
148	Molecular mechanisms of citrus flavanones on hepatic gluconeogenesis. *Fitoterapia*, **2014**, 92, 148-62	3.2	29
147	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
146	Endophytic fungi: expanding the arsenal of industrial enzyme producers. *Journal of Industrial Microbiology and Biotechnology*, **2014**, 41, 1467-78	4.2	64
145	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

144	Tadalafil inhibits the cAMP stimulated glucose output in the rat liver. *Chemico-Biological Interactions*, **2014**, 220, 1-11	5	12
143	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
142	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
141	Effects of Ranolazine on Carbohydrate Metabolism in the Isolated Perfused Rat Liver. *Open Journal of Medicinal Chemistry*, **2014**, 04, 87-95	0.1	5
140	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
139	Influence of adjuvant-induced arthritis on the action of extracellular NAD+ on hepatic gluconeogenesis and related parameters. *Comparative Clinical Pathology*, **2013**, 22, 761-771	0.9	
138	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
137	Oxidative state of the liver of rats with adjuvant-induced arthritis. *Free Radical Biology and Medicine* , **2013**, 58, 144-53	7.8	61
136	Raloxifene affects fatty acid oxidation in livers from ovariectomized rats by acting as a pro-oxidant agent. *Toxicology Letters*, **2013**, 217, 82-9	4.4	15
135	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
134	Catabolism of amino acids in livers from cafeteria-fed rats. *Molecular and Cellular Biochemistry*, **2013**, 373, 265-77	4.2	13
133	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
132	Harmful effects of usnic acid on hepatic metabolism. *Chemico-Biological Interactions*, **2013**, 203, 502-11	5	31
131	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
130	Citrus flavanones affect hepatic fatty acid oxidation in rats by acting as prooxidant agents. *BioMed Research International*, **2013**, 2013, 342973	3	11
129	Degradation of diuron by Phanerochaete chrysosporium: role of ligninolytic enzymes and cytochrome P450. *BioMed Research International*, **2013**, 2013, 251354	3	33
128	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
127	Adrenergic metabolic and hemodynamic effects of octopamine in the liver. *International Journal of Molecular Sciences*, **2013**, 14, 21858-72	6.3	9

126	Ligninolytic Enzymes from White-rot Fungi andApplication in the Removal of Synthetic Dyes **2013**,		5
125	Hepatoprotective effects of mushrooms. *Molecules*, **2013**, 18, 7609-30	4.8	55
124	Involvement of Lignin-Modifying Enzymes in the Degradation of Herbicides **2013**,		9
123	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
122	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
121	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
120	Antioxidant activities and phenolic compounds of raw and cooked Brazilian pinhõ (Araucaria angustifolia) seeds. *African Journal of Food Science*, **2012**, 6, 512-518	0.5	19
119	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
118	Metabolic effects of silibinin in the rat liver. *Chemico-Biological Interactions*, **2012**, 195, 119-32	5	45
117	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
116	Actions of juglone on energy metabolism in the rat liver. *Toxicology and Applied Pharmacology*, **2011**, 257, 319-27	4.6	42
115	Tibolone impairs glucose and fatty acid metabolism and induces oxidative stress in livers from female rats. *European Journal of Pharmacology*, **2011**, 668, 248-56	5.3	5
114	Influence of tamoxifen on gluconeogenesis and glycolysis in the perfused rat liver. *Chemico-Biological Interactions*, **2011**, 193, 22-33	5	16
113	Prooxidant activity of fisetin: effects on energy metabolism in the rat liver. *Journal of Biochemical and Molecular Toxicology*, **2011**, 25, 117-26	3.4	19
112	Effects of the Crotalus durissus terrificus snake venom on hepatic metabolism and oxidative stress. *Journal of Biochemical and Molecular Toxicology*, **2011**, 25, 195-203	3.4	13
111	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
110	Pentachlorophenol removal by Pleurotus pulmonarius in submerged cultures. *Brazilian Archives of Biology and Technology*, **2011**, 54, 357-362	1.8	7
109	Hepatic effects of flunixin-meglumin in LPS-induced sepsis. *Fundamental and Clinical Pharmacology*, **2010**, 24, 759-69	3.1	5

108	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
107	Comparative removal of bentazon by Ganoderma lucidum in liquid and solid state cultures. *Current Microbiology*, **2010**, 60, 350-5	2.4	22
106	Effects of metformin on glucose metabolism of perfused rat livers. *Molecular and Cellular Biochemistry*, **2010**, 340, 283-9	4.2	18
105	Effects of ranolazine on fatty acid transformation in the isolated perfused rat liver. *Molecular and Cellular Biochemistry*, **2010**, 345, 35-44	4.2	7
104	The actions of fisetin on glucose metabolism in the rat liver. *Cell Biochemistry and Function*, **2010**, 28, 149-58	4.2	24
103	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
102	Hepatic zonation of carbon and nitrogen fluxes derived from glutamine and ammonia transformations. *Journal of Biomedical Science*, **2010**, 17, 1	13.3	54
101	Responses of the perfused liver of neonatal type 2 diabetic rats to gluconeogenic and ammoniogenic substrates. *Health*, **2010**, 02, 477-483	0.4	2
100	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
99	The action of n-propyl gallate on gluconeogenesis and oxygen uptake in the rat liver. *Chemico-Biological Interactions*, **2009**, 181, 390-9	5	24
98	The action of zymosan on octanoate transport and metabolism in the isolated perfused rat liver. *Journal of Biochemical and Molecular Toxicology*, **2009**, 23, 155-65	3.4	2
97	Transformation and action of extracellular NAD+ in perfused rat and mouse livers. *Acta Pharmacologica Sinica*, **2009**, 30, 90-7	8	4
96	Effects of the Arrabidaea chica extract on energy metabolism in the rat liver. *Pharmaceutical Biology*, **2009**, 47, 154-161	3.8	5
95	The action of extracellular NAD+ in the liver of healthy and tumor-bearing rats: model analysis of the tumor-induced modified response. *Experimental and Molecular Pathology*, **2008**, 84, 218-25	4.4	1
94	Effects of monocrotaline on energy metabolism in the rat liver. *Toxicology Letters*, **2008**, 182, 115-20	4.4	16
93	Effects of the venom and the dermonecrotic toxin LiRecDT1 of Loxosceles intermedia in the rat liver. *Toxicon*, **2008**, 52, 695-704	2.8	11
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	Transformation and actions of extracellular NADP(+) in the rat liver. *Molecular and Cellular Biochemistry*, **2008**, 317, 85-95	4.2	1

90	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
89	Changes in calcium-dependent membrane permeability properties in mitochondria of livers from arthritic rats. *Cell Biochemistry and Function*, **2008**, 26, 443-50	4.2	4
88	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
87	Action of celecoxib on hepatic metabolic changes induced by the Walker-256 tumour in rats. *Basic and Clinical Pharmacology and Toxicology*, **2007**, 101, 294-300	3.1	11
86	The metabolic changes caused by dexamethasone in the adjuvant-induced arthritic rat. *Molecular and Cellular Biochemistry*, **2007**, 302, 87-98	4.2	17
85	Flexibility of the hepatic zonation of carbon and nitrogen fluxes linked to lactate and pyruvate transformations in the presence of ammonia. *American Journal of Physiology - Renal Physiology*, **2007**, 293, G838-49	5.1	4
84	Liver parenchyma heterogeneity in the response to extracellular NAD+. *Cell Biochemistry and Function*, **2006**, 24, 313-25	4.2	9
83	Metabolic effects of p-coumaric acid in the perfused rat liver. *Journal of Biochemical and Molecular Toxicology*, **2006**, 20, 18-26	3.4	22
82	Metabolic effects of carbenoxolone in rat liver. *Journal of Biochemical and Molecular Toxicology*, **2006**, 20, 230-40	3.4	17
81	Effects of methotrexate on calcium flux in rat liver mitochondria, microsomes and plasma membrane vesicles. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2006**, 143, 340-8	3.2	5
80	Effects of the Kielmeyera coriacea extract on energy metabolism in the rat liver. *Journal of Ethnopharmacology*, **2006**, 105, 47-54	5	7
79	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
78	The action of extracellular NAD+ on gluconeogenesis in the perfused rat liver. *Molecular and Cellular Biochemistry*, **2006**, 286, 115-24	4.2	8
77	Zonation of the metabolic action of vasopressin in the bivascularly perfused rat liver. *Regulatory Peptides*, **2005**, 129, 233-43		15
76	Efficiency of combined methotrexate/chloroquine therapy in adjuvant-induced arthritis. *Fundamental and Clinical Pharmacology*, **2005**, 19, 479-89	3.1	14
75	Zonation of alanine metabolism in the bivascularly perfused rat liver. *Liver International*, **2005**, 25, 861-71	7.9	10
74	Fate of bradykinin on the rat liver when administered by the venous or arterial route. *Journal of Gastroenterology and Hepatology (Australia)*, **2005**, 20, 463-73	4	14
73	The hemodynamic effects of zymosan in the perfused rat liver. *Vascular Pharmacology*, **2005**, 43, 75-85	5.9	5

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