

Maria Rosa C Schetinger

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

252 papers	4,985 citations	35 h-index	55 g-index
273 ext. papers	5,671 ext. citations	3.9 avg, IF	5.14 L-index

#	Paper	IF	Citations
252	Mercury toxicity induces oxidative stress in growing cucumber seedlings. <i>Chemosphere</i> , 2006 , 65, 999-1006	4.6	189
251	Resveratrol prevents memory deficits and the increase in acetylcholinesterase activity in streptozotocin-induced diabetic rats. <i>European Journal of Pharmacology</i> , 2009 , 610, 42-8	5.3	173
250	NTPDase and 5'-nucleotidase activities in physiological and disease conditions: new perspectives for human health. <i>BioFactors</i> , 2007 , 31, 77-98	6.1	165
249	Effects of resveratrol on biomarkers of oxidative stress and on the activity of delta aminolevulinic acid dehydratase in liver and kidney of streptozotocin-induced diabetic rats. <i>Biochimie</i> , 2012 , 94, 374-83	4.6	136
248	Differential macrophage activation alters the expression profile of NTPDase and ecto-5'-nucleotidase. <i>PLoS ONE</i> , 2012 , 7, e31205	3.7	115
247	N-acetylcysteine prevents memory deficits, the decrease in acetylcholinesterase activity and oxidative stress in rats exposed to cadmium. <i>Chemico-Biological Interactions</i> , 2010 , 186, 53-60	5	110
246	Enzymes that hydrolyze adenine nucleotides in diabetes and associated pathologies. <i>Thrombosis Research</i> , 2003 , 109, 189-94	8.2	87
245	Effect of different temperature regimes on metabolic and blood parameters of silver catfish <i>Rhamdia quelen</i> . <i>Aquaculture</i> , 2004 , 239, 497-507	4.4	85
244	Acute effects of glyphosate herbicide on metabolic and enzymatic parameters of silver catfish (<i>Rhamdia quelen</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007 , 146, 519-24	3.2	82
243	Iron and Oxidative Stress in Parkinson's Disease: An Observational Study of Injury Biomarkers. <i>PLoS ONE</i> , 2016 , 11, e0146129	3.7	82
242	Anthocyanins restore behavioral and biochemical changes caused by streptozotocin-induced sporadic dementia of Alzheimer's type. <i>Life Sciences</i> , 2014 , 96, 7-17	6.8	75
241	Oxidative stress versus antioxidant defenses in patients with acute myocardial infarction. <i>Heart and Vessels</i> , 2011 , 26, 55-63	2.1	73
240	Quercetin protects the impairment of memory and anxiogenic-like behavior in rats exposed to cadmium: Possible involvement of the acetylcholinesterase and Na(+),K(+)-ATPase activities. <i>Physiology and Behavior</i> , 2014 , 135, 152-67	3.5	72
239	Effect of long-term exposure to aluminum on the acetylcholinesterase activity in the central nervous system and erythrocytes. <i>Neurochemical Research</i> , 2008 , 33, 2294-301	4.6	61
238	Neuroprotective effect of anthocyanins on acetylcholinesterase activity and attenuation of scopolamine-induced amnesia in rats. <i>International Journal of Developmental Neuroscience</i> , 2014 , 33, 88-97	2.7	60
237	Behavior and brain enzymatic changes after long-term intoxication with cadmium salt or contaminated potatoes. <i>Food and Chemical Toxicology</i> , 2012 , 50, 3709-18	4.7	58
236	Effects of caffeic acid on behavioral parameters and on the activity of acetylcholinesterase in different tissues from adult rats. <i>Pharmacology Biochemistry and Behavior</i> , 2012 , 103, 386-94	3.9	54

235	Effects of resveratrol on nucleotide degrading enzymes in streptozotocin-induced diabetic rats. <i>Life Sciences</i> , 2009 , 84, 345-50	6.8	53
234	Neuroprotective effects of quercetin on memory and anxiogenic-like behavior in diabetic rats: Role of ectonucleotidases and acetylcholinesterase activities. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 84, 559-568	7.5	51
233	Effects of lead on the growth, lead accumulation and physiological responses of <i>Pluchea sagittalis</i> . <i>Ecotoxicology</i> , 2012 , 21, 111-23	2.9	50
232	Anthocyanins as a potential pharmacological agent to manage memory deficit, oxidative stress and alterations in ion pump activity induced by experimental sporadic dementia of Alzheimer's type. <i>Journal of Nutritional Biochemistry</i> , 2018 , 56, 193-204	6.3	48
231	Effect of dietary supplementation of ginger and turmeric rhizomes on angiotensin-1 converting enzyme (ACE) and arginase activities in L-NAME induced hypertensive rats. <i>Journal of Functional Foods</i> , 2015 , 17, 792-801	5.1	44
230	Rosmarinic acid prevents lipid peroxidation and increase in acetylcholinesterase activity in brain of streptozotocin-induced diabetic rats. <i>Cell Biochemistry and Function</i> , 2014 , 32, 287-93	4.2	44
229	Neuroprotective effect of quercetin in ectoenzymes and acetylcholinesterase activities in cerebral cortex synaptosomes of cadmium-exposed rats. <i>Molecular and Cellular Biochemistry</i> , 2013 , 381, 1-8	4.2	43
228	Coffee, caffeine, chlorogenic acid, and the purinergic system. <i>Food and Chemical Toxicology</i> , 2019 , 123, 298-313	4.7	43
227	Oxidative stress is an early symptom triggered by aluminum in Al-sensitive potato plantlets. <i>Chemosphere</i> , 2009 , 76, 1402-9	8.4	42
226	Association between thyroid hormones, lipids and oxidative stress biomarkers in overt hypothyroidism. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010 , 48, 1635-9	5.9	40
225	Evaluation of the biochemical, inflammatory and oxidative profile of obese patients given clinical treatment and bariatric surgery. <i>Clinica Chimica Acta</i> , 2017 , 465, 72-79	6.2	39
224	Antiproliferative and apoptotic effects of caffeic acid on SK-Mel-28 human melanoma cancer cells. <i>Molecular Biology Reports</i> , 2019 , 46, 2085-2092	2.8	39
223	Protective effect of rosmarinic acid against oxidative stress biomarkers in liver and kidney of streptozotocin-induced diabetic rats. <i>Journal of Physiology and Biochemistry</i> , 2015 , 71, 743-51	5	37
222	Effect of aluminum on δ -aminolevulinic acid dehydratase (ALA-D) and the development of cucumber (<i>Cucumis sativus</i>). <i>Environmental and Experimental Botany</i> , 2006 , 57, 106-115	5.9	37
221	ATP and ADP hydrolysis in fish, chicken and rat synaptosomes. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2001 , 128, 731-41	2.3	37
220	Effects of chlorogenic acid, caffeine, and coffee on behavioral and biochemical parameters of diabetic rats. <i>Molecular and Cellular Biochemistry</i> , 2014 , 388, 277-86	4.2	36
219	Antiplatelet, Antithrombotic, and Fibrinolytic Activities of <i>Campomanesia xanthocarpa</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2012 , 2012, 954748	2.3	36
218	Biochemical effects of clomazone herbicide on piava (<i>Leporinus obtusidens</i>). <i>Chemosphere</i> , 2008 , 74, 1-5	8.4	35

217	Piracetam prevents scopolamine-induced memory impairment and decrease of NTPDase, 5'-nucleotidase and adenosine deaminase activities. <i>Neurochemical Research</i> , 2013 , 38, 1704-14	4.6	34
216	Ectonucleotidase and acetylcholinesterase activities in synaptosomes from the cerebral cortex of streptozotocin-induced diabetic rats and treated with resveratrol. <i>Brain Research Bulletin</i> , 2009 , 80, 371-6	3.9	34
215	Curcumin protects against cigarette smoke-induced cognitive impairment and increased acetylcholinesterase activity in rats. <i>Physiology and Behavior</i> , 2012 , 106, 664-9	3.5	33
214	Pre-treatment with ebselen and vitamin E modulate acetylcholinesterase activity: interaction with demyelinating agents. <i>International Journal of Developmental Neuroscience</i> , 2009 , 27, 73-80	2.7	33
213	Free and nanoencapsulated curcumin prevents cigarette smoke-induced cognitive impairment and redox imbalance. <i>Neurobiology of Learning and Memory</i> , 2013 , 100, 98-107	3.1	32
212	Exercise training prevents ecto-nucleotidases alterations in platelets of hypertensive rats. <i>Molecular and Cellular Biochemistry</i> , 2012 , 371, 147-56	4.2	32
211	Effect of aluminum on delta-aminolevulinic acid dehydratase from mouse blood. <i>Toxicology Letters</i> , 2000 , 117, 45-52	4.4	32
210	A method for isolation of rat lymphocyte-rich mononuclear cells from lung tissue useful for determination of nucleoside triphosphate diphosphohydrolase activity. <i>Analytical Biochemistry</i> , 2011 , 410, 34-9	3.1	31
209	Activities of the enzymes that hydrolyze adenine nucleotides in platelets from multiple sclerosis patients. <i>Journal of Neurology</i> , 2010 , 257, 24-30	5.5	31
208	Effects of metal elements on acid phosphatase activity in cucumber (<i>Cucumis sativus</i> L.) seedlings. <i>Environmental and Experimental Botany</i> , 2007 , 59, 43-48	5.9	31
207	The essential oil from <i>Lippia alba</i> induces biochemical stress in the silver catfish (<i>Rhamdia quelen</i>) after transportation. <i>Neotropical Ichthyology</i> , 2014 , 12, 811-818	1.3	30
206	Ectoenzymes and cholinesterase activity and biomarkers of oxidative stress in patients with lung cancer. <i>Molecular and Cellular Biochemistry</i> , 2013 , 374, 137-48	4.2	29
205	Dietary supplementation of ginger and turmeric improves reproductive function in hypertensive male rats. <i>Toxicology Reports</i> , 2015 , 2, 1357-1366	4.8	28
204	Fluconazole and amphotericin-B resistance are associated with increased catalase and superoxide dismutase activity in <i>Candida albicans</i> and <i>Candida dubliniensis</i> . <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2013 , 46, 752-8	1.5	28
203	Evaluation of Delta-Aminolevulinic Dehydratase Activity, Oxidative Stress Biomarkers, and Vitamin D Levels in Patients with Multiple Sclerosis. <i>Neurotoxicity Research</i> , 2016 , 29, 230-42	4.3	27
202	Tissue digestion for aluminum determination in experimental animal studies. <i>Analytical Biochemistry</i> , 2008 , 377, 120-7	3.1	27
201	Methanolic extract of <i>Condalia buxifolia</i> added to transport water alters biochemical parameters of the silver catfish <i>Rhamdia quelen</i> . <i>Aquaculture</i> , 2015 , 437, 46-50	4.4	25
200	Caffeic acid treatment alters the extracellular adenine nucleotide hydrolysis in platelets and lymphocytes of adult rats. <i>Food and Chemical Toxicology</i> , 2013 , 56, 459-66	4.7	25

199	Neuroprotective role of quercetin in locomotor activities and cholinergic neurotransmission in rats experimentally demyelinated with ethidium bromide. <i>Life Sciences</i> , 2014 , 103, 79-87	6.8	25
198	Physical training prevents oxidative stress in L-NAME-induced hypertension rats. <i>Cell Biochemistry and Function</i> , 2013 , 31, 136-51	4.2	25
197	Effect of high glucose levels in human platelet NTPDase and 5'-nucleotidase activities. <i>Diabetes Research and Clinical Practice</i> , 2008 , 81, 351-7	7.4	25
196	Impact of ectonucleotidases in autonomic nervous functions. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015 , 191, 25-38	2.4	24
195	Swimming training prevents alterations in acetylcholinesterase and butyrylcholinesterase activities in hypertensive rats. <i>American Journal of Hypertension</i> , 2014 , 27, 522-9	2.3	24
194	E-NTPDase and E-ADA activities are altered in lymphocytes of patients with indeterminate form of Chagas' disease. <i>Parasitology International</i> , 2012 , 61, 690-6	2.1	24
193	Lung cancer alters the hydrolysis of nucleotides and nucleosides in platelets. <i>Biomedicine and Pharmacotherapy</i> , 2012 , 66, 40-5	7.5	24
192	Erythrocytic enzymes and antioxidant status in people with type 2 diabetes: beneficial effect of <i>Syzygium cumini</i> leaf extract in vitro. <i>Diabetes Research and Clinical Practice</i> , 2011 , 94, 84-90	7.4	24
191	Effect of vitamin E on ectonucleotidase activities in synaptosomes and platelets and parameters of oxidative stress in rats experimentally demyelinated. <i>Brain Research Bulletin</i> , 2009 , 80, 45-51	3.9	24
190	Effects of gallic acid on delta - aminolevulinic dehydratase activity and in the biochemical, histological and oxidative stress parameters in the liver and kidney of diabetic rats. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 84, 1291-1299	7.5	23
189	Dietary Supplementation of Ginger and Turmeric Rhizomes Modulates Platelets Ectonucleotidase and Adenosine Deaminase Activities in Normotensive and Hypertensive Rats. <i>Phytotherapy Research</i> , 2016 , 30, 1156-63	6.7	23
188	Alterations of ectonucleotidases and acetylcholinesterase activities in lymphocytes of Down syndrome subjects: relation with inflammatory parameters. <i>Clinica Chimica Acta</i> , 2014 , 433, 105-10	6.2	23
187	Chronic administration of methionine and/or methionine sulfoxide alters oxidative stress parameters and ALA-D activity in liver and kidney of young rats. <i>Amino Acids</i> , 2017 , 49, 129-138	3.5	23
186	N-acetylcysteine prevents spatial memory impairment induced by chronic early postnatal glutaric acid and lipopolysaccharide in rat pups. <i>PLoS ONE</i> , 2013 , 8, e78332	3.7	23
185	Acetylcholinesterase activity and lipid peroxidation in the brain and spinal cord of rats infected with <i>Trypanosoma evansi</i> . <i>Veterinary Parasitology</i> , 2011 , 175, 237-44	2.8	23
184	Oxidative stress and erythrocyte acetylcholinesterase (AChE) in hypertensive and ischemic patients of both acute and chronic stages. <i>Biomedicine and Pharmacotherapy</i> , 2008 , 62, 317-24	7.5	23
183	Influence of malathion on acetylcholinesterase activity in rats submitted to a forced swimming test. <i>Neurotoxicity Research</i> , 2006 , 9, 285-90	4.3	23
182	Enzymes that hydrolyze adenine nucleotides in platelets from breast cancer patients. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2005 , 1740, 421-6	6.9	23

181	Effect of phenylalanine and its metabolites on ATP diphosphohydrolase activity in synaptosomes from rat cerebral cortex. <i>Neurochemical Research</i> , 1994 , 19, 1175-80	4.6	22
180	Oxidative stress in cerebrospinal fluid of patients with aseptic and bacterial meningitis. <i>Neurochemical Research</i> , 2009 , 34, 1255-60	4.6	21
179	Photosynthetic pigments content, 5-aminolevulinic acid dehydratase and acid phosphatase activities and mineral nutrients concentration in cadmium-exposed <i>Cucumis sativus</i> L.. <i>Biologia (Poland)</i> , 2009 , 64, 310-318	1.5	21
178	Uncaria tomentosa-Adjuvant Treatment for Breast Cancer: Clinical Trial. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012 , 2012, 676984	2.3	21
177	Ectonucleotidases and synaptic plasticity: Implications in physiological and pathological conditions. <i>Drug Development Research</i> , 2001 , 52, 57-65	5.1	21
176	Effect of Ginger and Turmeric Rhizomes on Inflammatory Cytokines Levels and Enzyme Activities of Cholinergic and Purinergic Systems in Hypertensive Rats. <i>Planta Medica</i> , 2016 , 82, 612-20	3.1	21
175	Fowl typhoid in laying hens cause hepatic oxidative stress. <i>Microbial Pathogenesis</i> , 2017 , 103, 162-166	3.8	20
174	Nucleotide hydrolysis in rats submitted to global cerebral ischemia: a possible link between preconditioning and adenosine production. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 1998 , 7, 281-6	2.8	19
173	Serum cholinesterase activity in diabetes and associated pathologies. <i>Diabetes Research and Clinical Practice</i> , 2006 , 72, 28-32	7.4	19
172	In vitro effects of L-arginine and guanidino compounds on NTPDase1 and 5'-nucleotidase activities from rat brain synaptosomes. <i>International Journal of Developmental Neuroscience</i> , 2003 , 21, 75-82	2.7	19
171	Combined exposure to methylmercury and manganese during L1 larval stage causes motor dysfunction, cholinergic and monoaminergic up-regulation and oxidative stress in L4 <i>Caenorhabditis elegans</i> . <i>Toxicology</i> , 2019 , 411, 154-162	4.4	19
170	Addition of curcumin to the diet of dairy sheep improves health, performance and milk quality. <i>Animal Feed Science and Technology</i> , 2018 , 246, 144-157	3	19
169	Effect of dietary supplementation of ginger and turmeric rhizomes on ectonucleotidases, adenosine deaminase and acetylcholinesterase activities in synaptosomes from the cerebral cortex of hypertensive rats. <i>Journal of Applied Biomedicine</i> , 2016 , 14, 59-70	0.6	18
168	Curcumin attenuates memory deficits and the impairment of cholinergic and purinergic signaling in rats chronically exposed to cadmium. <i>Environmental Toxicology</i> , 2017 , 32, 70-83	4.2	18
167	Effects of sulfamethoxazole-trimethoprim associated to resveratrol on its free form and complexed with 2-hydroxypropyl-β-cyclodextrin on cytokines levels of mice infected by <i>Toxoplasma gondii</i> . <i>Microbial Pathogenesis</i> , 2015 , 87, 40-4	3.8	18
166	Activities of enzymes that hydrolyze adenine nucleotides in lymphocytes from patients with rheumatoid arthritis. <i>Cell Biochemistry and Function</i> , 2013 , 31, 395-9	4.2	18
165	Activities of enzymes that hydrolyze adenine nucleotides in platelets from rats experimentally demyelinated with ethidium bromide and treated with interferon-beta. <i>Life Sciences</i> , 2007 , 80, 1109-14	6.8	18
164	Cyclosporine A inhibits acetylcholinesterase activity in rats experimentally demyelinated with ethidium bromide. <i>International Journal of Developmental Neuroscience</i> , 2007 , 25, 259-64	2.7	18

163	Effects of chlorogenic acid, caffeine and coffee on components of the purinergic system of streptozotocin-induced diabetic rats. <i>Journal of Nutritional Biochemistry</i> , 2016 , 38, 145-153	6.3	18
162	Neuroprotective effects of berberine on recognition memory impairment, oxidative stress, and damage to the purinergic system in rats submitted to intracerebroventricular injection of streptozotocin. <i>Psychopharmacology</i> , 2019 , 236, 641-655	4.7	18
161	Diphenyl diselenide supplementation in infected mice by <i>Toxoplasma gondii</i> : Protective effect on behavior, neuromodulation and oxidative stress caused by disease. <i>Experimental Parasitology</i> , 2016 , 169, 51-8	2.1	17
160	Influence of toxoplasmosis on acetylcholinesterase activity, nitric oxide levels and cellular lesion on the brain of mice. <i>Pathology Research and Practice</i> , 2014 , 210, 526-32	3.4	17
159	Espinasterol: a COX inhibitor and a transient receptor potential vanilloid 1 antagonist presents an antinociceptive effect in clinically relevant models of pain in mice. <i>British Journal of Pharmacology</i> , 2017 , 174, 4247-4262	8.6	17
158	Aluminum-stress response in oat genotypes with monogenic tolerance. <i>Environmental and Experimental Botany</i> , 2011 , 74, 114-121	5.9	17
157	In vitro effect of central nervous system active drugs on the ATPase-ADPase activity and acetylcholinesterase activity from cerebral cortex of adult rats. <i>General Pharmacology</i> , 1998 , 31, 563-7		17
156	Synergistic effects of resveratrol (free and inclusion complex) and sulfamethoxazole-trimetropim treatment on pathology, oxidant/antioxidant status and behavior of mice infected with <i>Toxoplasma gondii</i> . <i>Microbial Pathogenesis</i> , 2016 , 95, 166-174	3.8	17
155	Pre-treatment with curcumin modulates acetylcholinesterase activity and proinflammatory cytokines in rats infected with <i>Trypanosoma evansi</i> . <i>Parasitology International</i> , 2013 , 62, 144-9	2.1	16
154	Sulfamethoxazole-trimethoprim associated with resveratrol for the treatment of toxoplasmosis in mice: Influence on the activity of enzymes involved in brain neurotransmission. <i>Microbial Pathogenesis</i> , 2015 , 79, 17-23	3.8	16
153	17- β -Estradiol in the acetylcholinesterase activity and lipid peroxidation in the brain and blood of ovariectomized adult and middle-aged rats. <i>Life Sciences</i> , 2012 , 90, 351-9	6.8	16
152	The effect of curcumin in the ectonucleotidases and acetylcholinesterase activities in synaptosomes from the cerebral cortex of cigarette smoke-exposed rats. <i>Cell Biochemistry and Function</i> , 2011 , 29, 703-7	4.2	16
151	Vitamin E decreased the activity of acetylcholinesterase and level of lipid peroxidation in brain of rats exposed to aged and diluted sidestream smoke. <i>Nicotine and Tobacco Research</i> , 2011 , 13, 1210-9	4.9	16
150	Acute and subacute exposure to malathion impairs aversive but not non-associative memory in rats. <i>Neurotoxicity Research</i> , 2007 , 12, 71-9	4.3	16
149	Oxidative stress and inflammatory response biomarkers in dogs with mammary carcinoma. <i>Pathology Research and Practice</i> , 2015 , 211, 677-81	3.4	15
148	Lung and blood lymphocytes NTPDase and acetylcholinesterase activity in cigarette smoke-exposed rats treated with curcumin. <i>Biomedicine and Preventive Nutrition</i> , 2011 , 1, 109-115		15
147	Effect of subchronic treatment with mercury chloride on NTPDase, 5'-nucleotidase and acetylcholinesterase from cerebral cortex of rats. <i>Journal of Trace Elements in Medicine and Biology</i> , 2004 , 17, 255-60	4.1	15
146	Swimming training prevents alterations in ecto-NTPDase and adenosine deaminase activities in lymphocytes from N ^o -nitro-L-arginine methyl ester hydrochloride induced hypertension rats. <i>Journal of Hypertension</i> , 2015 , 33, 763-72; discussion 772	1.9	14

145	Activities of enzymes that hydrolyze adenine nucleotides in platelets from patients with rheumatoid arthritis. <i>Clinical Biochemistry</i> , 2010 , 43, 1096-100	3.5	14
144	The effect of aluminium on NTPDase and 5'-nucleotidase activities from rat synaptosomes and platelets. <i>International Journal of Developmental Neuroscience</i> , 2007 , 25, 381-6	2.7	14
143	Oxidative status in patients submitted to conization and radiation treatments for uterine cervix neoplasia. <i>Clinica Chimica Acta</i> , 2006 , 366, 174-8	6.2	14
142	Evaluation of mediators of oxidative stress and inflammation in patients with acute appendicitis. <i>Biomarkers</i> , 2016 , 21, 530-7	2.6	14
141	Regular exercise training reverses ectonucleotidase alterations and reduces hyperaggregation of platelets in metabolic syndrome patients. <i>Clinica Chimica Acta</i> , 2016 , 454, 66-71	6.2	13
140	Butyrylcholinesterase as a marker of inflammation and liver injury in the acute and subclinical phases of canine ehrlichiosis. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2015 , 43, 16-21	2.6	13
139	Enhanced NTPDase and 5'-nucleotidase activities in diabetes mellitus and iron-overload model. <i>Molecular and Cellular Biochemistry</i> , 2007 , 298, 101-7	4.2	13
138	Ectonucleotide pyrophosphatase/phosphodiesterase (E-NPP) and adenosine deaminase (ADA) activities in patients with uterine cervix neoplasia. <i>Clinical Biochemistry</i> , 2008 , 41, 400-6	3.5	13
137	Hydrolysis of adenine nucleotides in platelets from patients with acute myocardial infarction. <i>Clinical Biochemistry</i> , 2008 , 41, 1181-5	3.5	13
136	Ethidium bromide inhibits rat brain acetylcholinesterase activity in vitro. <i>Chemico-Biological Interactions</i> , 2006 , 162, 121-7	5	13
135	Inhibitory effect of novel pyrimidines on ATP and ADP hydrolysis in synaptosomes from rat cerebral cortex. <i>Chemical Research in Toxicology</i> , 2003 , 16, 1433-9	4	13
134	Dietary supplementation of tiger nut alters biochemical parameters relevant to erectile function in l-NAME treated rats. <i>Food Research International</i> , 2018 , 109, 358-367	7	12
133	Influence of infection by <i>Toxoplasma gondii</i> on purine levels and E-ADA activity in the brain of mice experimentally infected mice. <i>Experimental Parasitology</i> , 2014 , 142, 51-8	2.1	12
132	Protective effect of quercetin in ecto-enzymes, cholinesterases, and myeloperoxidase activities in the lymphocytes of rats exposed to cadmium. <i>Molecular and Cellular Biochemistry</i> , 2014 , 396, 201-11	4.2	12
131	Hypoxia-ischemia alters nucleotide and nucleoside catabolism and Na ⁺ ,K ⁺ -ATPase activity in the cerebral cortex of newborn rats. <i>Neurochemical Research</i> , 2013 , 38, 886-94	4.6	12
130	Protective effect of α -Tocopherol on memory deficits and Na ⁺ ,K ⁺ -ATPase and acetylcholinesterase activities in rats with diet-induced hypercholesterolemia. <i>Biomedicine and Aging Pathology</i> , 2012 , 2, 73-80		12
129	α -Tocopherol regulates ectonucleotidase activities in synaptosomes from rats fed a high-fat diet. <i>Cell Biochemistry and Function</i> , 2012 , 30, 286-92	4.2	12
128	<i>Trypanosoma evansi</i> : immune response and acetylcholinesterase activity in lymphocytes from infected rats. <i>Experimental Parasitology</i> , 2011 , 127, 475-80	2.1	12

127	Effects of curcumin on the activities of the enzymes that hydrolyse adenine nucleotides in platelets from cigarette smoke-exposed rats. <i>Cell Biochemistry and Function</i> , 2011 , 29, 630-5	4.2	12
126	ATP signaling and NTPDase in Systemic Lupus Erythematosus (SLE). <i>Immunobiology</i> , 2019 , 224, 419-426	3.4	12
125	High-intensity intermittent exercise increases adenosine hydrolysis in platelets and lymphocytes and promotes platelet aggregation in futsal athletes. <i>Platelets</i> , 2019 , 30, 878-885	3.6	12
124	Hypothyroidism Enhanced Ectonucleotidases and Acetylcholinesterase Activities in Rat Synaptosomes can be Prevented by the Naturally Occurring Polyphenol Quercetin. <i>Cellular and Molecular Neurobiology</i> , 2017 , 37, 53-63	4.6	11
123	Cattle naturally infected by Eurytrema coelomaticum: Relation between adenosine deaminase activity and zinc levels. <i>Research in Veterinary Science</i> , 2017 , 110, 79-84	2.5	11
122	The signaling effects of ATP on melanoma-like skin cancer. <i>Cellular Signalling</i> , 2019 , 59, 122-130	4.9	11
121	Glyphosate-based herbicide affects biochemical parameters in Rhamdia quelen (Quoy & Gaimard, 1824 and) Leporinus obtusidens (Valenciennes, 1837). <i>Neotropical Ichthyology</i> , 2015 , 13, 229-236	1.3	11
120	Adenosine deaminase activity in serum, erythrocytes and lymphocytes of rats infected with Leptospira icterohaemorrhagiae. <i>Research in Veterinary Science</i> , 2012 , 92, 197-201	2.5	11
119	Enzymes that hydrolyze adenine nucleotides in patients with ischemic heart disease. <i>Clinica Chimica Acta</i> , 2011 , 412, 159-64	6.2	11
118	Homocysteine decreases extracellular nucleotide hydrolysis in rat platelets. <i>Thrombosis Research</i> , 2010 , 125, e87-92	8.2	11
117	Diabetes and hypertension: Pivotal involvement of purinergic signaling. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 137, 111273	7.5	11
116	Evaluation of methylglyoxal toxicity in human erythrocytes, leukocytes and platelets. <i>Toxicology Mechanisms and Methods</i> , 2017 , 27, 307-317	3.6	10
115	Aflatoxins produced by Aspergillus parasiticus present in the diet of quails increase the activities of cholinesterase and adenosine deaminase. <i>Microbial Pathogenesis</i> , 2017 , 107, 309-312	3.8	10
114	Effect of vitamin D3 on behavioural and biochemical parameters in diabetes type 1-induced rats. <i>Cell Biochemistry and Function</i> , 2014 , 32, 502-10	4.2	10
113	ΔAminolevulinate dehydratase activity in lung cancer patients and its relationship with oxidative stress. <i>Biomedicine and Pharmacotherapy</i> , 2014 , 68, 603-9	7.5	10
112	Hematological indices and activity of NTPDase and cholinesterase enzymes in rats exposed to cadmium and treated with N-acetylcysteine. <i>BioMetals</i> , 2012 , 25, 1195-206	3.4	10
111	Activities of ectonucleotidases and adenosine deaminase in platelets of dogs experimentally infected with Rangelia vitalii. <i>Experimental Parasitology</i> , 2012 , 131, 252-7	2.1	10
110	Zinc alleviates mercury-induced oxidative stress in Pfaffia glomerata (Spreng.) Pedersen. <i>BioMetals</i> , 2011 , 24, 959-71	3.4	10

109	Previous treatment with ebselen and vitamin E alters adenine nucleotide hydrolysis in platelets from adult rats experimentally demyelinated with ethidium bromide. <i>Life Sciences</i> , 2007 , 81, 241-8	6.8	10
108	Physical exercise prevents alterations in purinergic system and oxidative status in lipopolysaccharide-induced sepsis in rats. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 3232-3242	4.7	10
107	Caffeine prevents high-intensity exercise-induced increase in enzymatic antioxidant and Na-K-ATPase activities and reduction of anxiolytic like-behaviour in rats. <i>Redox Report</i> , 2017 , 22, 493-500	5.9	9
106	Methylmalonate Induces Inflammatory and Apoptotic Potential: A Link to Glial Activation and Neurological Dysfunction. <i>Journal of Neuropathology and Experimental Neurology</i> , 2017 , 76, 160-178	3.1	9
105	Berberine induces apoptosis in glioblastoma multiforme U87MG cells via oxidative stress and independent of AMPK activity. <i>Molecular Biology Reports</i> , 2020 , 47, 4393-4400	2.8	9
104	Effect of gallic acid on purinergic signaling in lymphocytes, platelets, and serum of diabetic rats. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 101, 30-36	7.5	9
103	Tiger nut and walnut extracts modulate extracellular metabolism of ATP and adenosine through the NOS/cGMP/PKG signalling pathway in kidney slices. <i>Phytomedicine</i> , 2018 , 43, 140-149	6.5	9
102	Aluminum affects neural phenotype determination of embryonic neural progenitor cells. <i>Archives of Toxicology</i> , 2019 , 93, 2515-2524	5.8	9
101	Occurrence of oxidative stress in dairy cows seropositives for Brucella abortus. <i>Microbial Pathogenesis</i> , 2017 , 110, 196-201	3.8	9
100	Uncaria tomentosa stimulates the proliferation of myeloid progenitor cells. <i>Journal of Ethnopharmacology</i> , 2011 , 137, 856-63	5	9
99	Hepatic cholinesterase of laying hens naturally infected by Salmonella Gallinarum (fowl typhoid). <i>Microbial Pathogenesis</i> , 2016 , 98, 93-7	3.8	9
98	Possible role of purinergic signaling in COVID-19. <i>Molecular and Cellular Biochemistry</i> , 2021 , 476, 2891-2898	4.7	9
97	Injectable mineral supplementation to transition period dairy cows and its effects on animal health. <i>Comparative Clinical Pathology</i> , 2017 , 26, 335-342	0.9	8
96	Neuroinflammation after neonatal hypoxia-ischemia is associated with alterations in the purinergic system: adenosine deaminase 1 isoenzyme is the most predominant after insult. <i>Molecular and Cellular Biochemistry</i> , 2015 , 403, 169-77	4.2	8
95	Lingonberry Extract Provides Neuroprotection by Regulating the Purinergic System and Reducing Oxidative Stress in Diabetic Rats. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, e1800050	5.9	8
94	Resveratrol as a Therapy to Restore Neurogliogenesis of Neural Progenitor Cells Infected by Toxoplasma gondii. <i>Molecular Neurobiology</i> , 2019 , 56, 2328-2338	6.2	8
93	Role of the purinergic system in patients with cervical intraepithelial neoplasia and uterine cancer. <i>Biomedicine and Pharmacotherapy</i> , 2012 , 66, 6-11	7.5	8
92	Relationship between oxidative stress and clinical-pathological aspects in dogs experimentally infected with Rangelia vitalii. <i>Research in Veterinary Science</i> , 2012 , 93, 1309-13	2.5	8

91	Oxidative stress and changes in adenosine deaminase activity of cattle experimentally infected by <i>Fasciola hepatica</i> . <i>Parasitology</i> , 2017 , 144, 520-526	2.7	7
90	Oxidative stress linked to changes of cholinesterase and adenosine deaminase activities in experimentally infected chicken chicks with <i>Eimeria</i> spp. <i>Parasitology International</i> , 2019 , 71, 11-17	2.1	7
89	Vitamin D ₃ prevents the increase in ectonucleotidase activities and ameliorates lipid profile in type 1 diabetic rats. <i>Molecular and Cellular Biochemistry</i> , 2015 , 405, 11-21	4.2	7
88	Changes on the activity of cholinesterase's in an immunomodulatory response of cattle infected by <i>Listeria monocytogenes</i> . <i>Microbial Pathogenesis</i> , 2018 , 114, 36-40	3.8	7
87	Imidocarb dipropionate in the treatment of <i>Anaplasma marginale</i> in cattle: Effects on enzymes of the antioxidant, cholinergic, and adenosinergic systems. <i>Microbial Pathogenesis</i> , 2016 , 97, 226-30	3.8	7
86	<i>Listeria monocytogenes</i> impairs enzymes of the phosphotransfer network and alters antioxidant/oxidant status in cattle brain structures. <i>Microbial Pathogenesis</i> , 2018 , 124, 284-290	3.8	7
85	ADA activity is decreased in lymphocytes from patients with advanced stage of lung cancer. <i>Medical Oncology</i> , 2019 , 36, 78	3.7	7
84	Cholinesterase as inflammatory markers in a experimental infection by <i>Trypanosoma evansi</i> in rabbits. <i>Anais Da Academia Brasileira De Ciencias</i> , 2012 , 84, 1105-13	1.4	7
83	A more accurate profile of <i>Achyrocline satureioides</i> hypocholesterolemic activity. <i>Cell Biochemistry and Function</i> , 2012 , 30, 347-53	4.2	7
82	Biochemical detection of adenosine deaminase in <i>Trypanosoma evansi</i> . <i>Experimental Parasitology</i> , 2011 , 128, 298-300	2.1	7
81	<i>Trypanosoma evansi</i> : Activities of adenine nucleotide degradation enzymes in cerebral cortex of infected rats. <i>Experimental Parasitology</i> , 2011 , 128, 225-9	2.1	7
80	Cholinergic enzymes and inflammatory markers in rats infected by <i>Sporothrix schenckii</i> . <i>Microbial Pathogenesis</i> , 2016 , 97, 94-102	3.8	7
79	Physical exercise prevents memory impairment in an animal model of hypertension through modulation of CD39 and CD73 activities and A2A receptor expression. <i>Journal of Hypertension</i> , 2019 , 37, 135-143	1.9	7
78	Chlorpyrifos pesticide promotes oxidative stress and increases inflammatory states in BV-2 microglial cells: A role in neuroinflammation. <i>Chemosphere</i> , 2021 , 278, 130417	8.4	7
77	Effect of lactation induction on milk production and composition, oxidative and antioxidant status, and biochemical variables. <i>Comparative Clinical Pathology</i> , 2016 , 25, 639-648	0.9	6
76	Effect of antiretroviral therapy in thromboregulation through the hydrolysis of adenine nucleotides in platelets of HIV patients. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 79, 321-8	7.5	6
75	Selenothymidine protects against biochemical and behavioral alterations induced by ICV-STZ model of dementia in mice. <i>Chemico-Biological Interactions</i> , 2018 , 294, 135-143	5	6
74	Effect of zinc supplementation on E-ADA activity, seric zinc, and cytokines levels of <i>Trypanosoma evansi</i> infected Wistar rats. <i>Microbial Pathogenesis</i> , 2014 , 74, 15-9	3.8	6

73	Evaluation of acetylcholinesterase and adenosine deaminase activities in brain and erythrocytes and proinflammatory cytokine levels in rats submitted to neonatal hypoxia-ischemia model. <i>Molecular and Cellular Biochemistry</i> , 2013 , 378, 247-55	4.2	6
72	Nicotine alters the ectonucleotidases activities in lymphocytes: In vitro and in vivo studies. <i>Biomedicine and Pharmacotherapy</i> , 2012 , 66, 206-12	7.5	6
71	NTPDase and 5'-nucleotidase activities from synaptosomes and platelets of rats exposed to cadmium and treated with N-acetylcysteine. <i>International Journal of Developmental Neuroscience</i> , 2013 , 31, 69-74	2.7	6
70	Effects of 9-amino-1,2,3,4-tetrahydroacridine (THA) on ATP diphosphohydrolase (EC 3.6.1.5) and 5'-nucleotidase (EC 3.1.3.5) from rat brain synaptosomes. <i>General Pharmacology</i> , 1997 , 28, 761-6		6
69	Resveratrol impacts in oxidative stress in liver during Trypanosoma cruzi infection. <i>Microbial Pathogenesis</i> , 2021 , 153, 104800	3.8	6
68	Oxidative stress associated with pathological changes in the pancreas of cattle naturally infected by Eurytrema coelomaticum. <i>Veterinary Parasitology</i> , 2016 , 223, 102-10	2.8	6
67	Activity and expression of E-NTPDase is altered in peripheral lymphocytes of systemic lupus erythematosus patients. <i>Clinica Chimica Acta</i> , 2019 , 488, 90-97	6.2	6
66	Changes of adenosinergic system in piglets fed a diet co-contaminated by mycotoxin and their effects on the regulation of adenosine. <i>Microbial Pathogenesis</i> , 2018 , 114, 328-332	3.8	6
65	Chagas disease: modulation of the inflammatory response by acetylcholinesterase in hematological cells and brain tissue. <i>Molecular and Cellular Biochemistry</i> , 2018 , 438, 59-65	4.2	6
64	Cholinergic and purinergic systems: A key to multiple sclerosis?. <i>Journal of the Neurological Sciences</i> , 2018 , 392, 8-21	3.2	6
63	Combination of diminazene aceturate and resveratrol reduces the toxic effects of chemotherapy in treating Trypanosoma evansi infection. <i>Comparative Clinical Pathology</i> , 2016 , 25, 137-144	0.9	5
62	Supplementation with copper edetate in control of Haemonchus contortus of sheep, and its effect on cholinesterase's and superoxide dismutase activities. <i>Experimental Parasitology</i> , 2017 , 173, 34-41	2.1	5
61	Activities of ectonucleotidases and adenosine deaminase in platelets of cattle experimentally infected by Fasciola hepatica. <i>Experimental Parasitology</i> , 2017 , 176, 16-20	2.1	5
60	Quercetin treatment regulates the Na,K-ATPase activity, peripheral cholinergic enzymes, and oxidative stress in a rat model of demyelination. <i>Nutrition Research</i> , 2018 , 55, 45-56	4	5
59	Effect of high fat diets on the NTPDase, 5'-nucleotidase and acetylcholinesterase activities in the central nervous system. <i>International Journal of Developmental Neuroscience</i> , 2018 , 64, 54-58	2.7	5
58	Alterations in the extracellular catabolism of nucleotides and platelet aggregation induced by high-fat diet in rats: effects of ßocopherol. <i>Journal of Physiology and Biochemistry</i> , 2014 , 70, 487-96	5	5
57	Effect of zinc supplementation on ecto-adenosine deaminase activity in lambs infected by Haemonchus contortus: highlights on acute phase of disease. <i>Experimental Parasitology</i> , 2015 , 151-152, 34-8	2.1	5
56	Increased NTPDase activity in lymphocytes during experimental sepsis. <i>Scientific World Journal, The</i> , 2012 , 2012, 941906	2.2	5

55	Nucleotide degrading enzymes in platelets from uterine cervical neoplasia patients treated with conization or radiotherapy. <i>Biomedicine and Pharmacotherapy</i> , 2010 , 64, 499-504	7.5	5
54	Effect of different vasodilators on NTPDase activity in healthy and hypertensive patients. <i>Thrombosis Research</i> , 2009 , 124, 268-74	8.2	5
53	Impact of Escherichia coli infection in broiler breeder chicks: The effect of oxidative stress on weight gain. <i>Microbial Pathogenesis</i> , 2020 , 139, 103861	3.8	5
52	Neuroprotective role of resveratrol mediated by purinergic signalling in cerebral cortex of mice infected by Toxoplasma gondii. <i>Parasitology Research</i> , 2020 , 119, 2897-2905	2.4	5
51	1 β 25-Dihydroxyvitamin D3 alters ectonucleotidase expression and activity in human cutaneous melanoma cells. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 9992-10000	4.7	5
50	Characterization of ectonucleoside triphosphate diphosphohydrolase (E-NTPDase; EC 3.6.1.5) activity in mouse peritoneal cavity cells. <i>Cell Biochemistry and Function</i> , 2017 , 35, 358-363	4.2	4
49	Addition of yucca extract and glutamine in the diet of chicks had a protective effect against coccidiosis. <i>Comparative Clinical Pathology</i> , 2018 , 27, 205-214	0.9	4
48	Uncaria tomentosa extract alters the catabolism of adenine nucleotides and expression of ecto-5'-nucleotidase/CD73 and P2X7 and A1 receptors in the MDA-MB-231 cell line. <i>Journal of Ethnopharmacology</i> , 2016 , 194, 108-116	5	4
47	Mineral supplementation stimulates the immune system and antioxidant responses of dairy cows and reduces somatic cell counts in milk. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018 , 90, 1649-1658	1.4	4
46	Ectonucleotidase and acetylcholinesterase activities in silver catfish (<i>Rhamdia quelen</i>) exposed to different salinities. <i>Biochemical Systematics and Ecology</i> , 2013 , 46, 44-49	1.4	4
45	Oxidative stress in dairy cows seropositives for Neospora caninum. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2017 , 54, 34-37	2.6	4
44	Adenine nucleotide hydrolysis in patients with aseptic and bacterial meningitis. <i>Neurochemical Research</i> , 2009 , 34, 463-9	4.6	4
43	ATP and ADP hydrolysis in the kidney and liver of fish, chickens and rats. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2004 , 139, 713-20	2.3	4
42	Increased oxidative stress and inflammatory markers contrasting with the activation of the cholinergic anti-inflammatory pathway in patients with metabolic syndrome. <i>Clinical Biochemistry</i> , 2021 , 89, 63-69	3.5	4
41	Mineralization in newborn calves contributes to health, improve the antioxidant system and reduces bacterial infections. <i>Microbial Pathogenesis</i> , 2018 , 114, 344-349	3.8	4
40	Modulatory effects of caffeic acid on purinergic and cholinergic systems and oxi-inflammatory parameters of streptozotocin-induced diabetic rats. <i>Life Sciences</i> , 2021 , 277, 119421	6.8	4
39	Protection of cholinergic and antioxidant system contributes to the effect of Vitamin D ameliorating memory dysfunction in sporadic dementia of Alzheimer's type. <i>Redox Report</i> , 2019 , 24, 34-40	5.9	3
38	Fumonisin-(<i>Fusarium verticillioides</i>)-contaminated feed causes hepatic oxidative stress and negatively affects broiler performance in the early stage: Does supplementation with aBi flour residues (<i>Euterpe oleracea</i>) minimize these problems?. <i>Microbial Pathogenesis</i> , 2020 , 146, 104237	3.8	3

37	Effects of iron supplementation on blood adenine deaminase activity and oxidative stress in <i>Trypanosoma evansi</i> infection of rats. <i>Experimental Parasitology</i> , 2014 , 147, 1-6	2.1	3
36	Biochemistry detection of acetylcholinesterase activity in <i>Trypanosoma evansi</i> and possible functional correlations. <i>Experimental Parasitology</i> , 2012 , 132, 546-9	2.1	3
35	Hormetic acute response and chronic effect of ethanol on adenine nucleotide hydrolysis in rat platelets. <i>Archives of Toxicology</i> , 2009 , 83, 263-9	5.8	3
34	Presence of multiple acid phosphatases activity in seedlings of cucumber, radish and rocket salad. <i>Ciencia Rural</i> , 2008 , 38, 650-657	1.3	3
33	Extracellular Hydrolysis of Adenine Nucleotides and Nucleoside Adenosine is Higher in Patients with ST Elevation than Non-ST Elevation in Acute Myocardial Infarction. <i>Clinical Laboratory</i> , 2015 , 61, 761-7	2	3
32	Relation between calcium levels and adenosine deaminase activity in serum in pre- and postpartum of dairy cow. <i>Comparative Clinical Pathology</i> , 2016 , 25, 1201-1205	0.9	3
31	Phytogenic blend protective effects against microbes but affects health and production in broilers. <i>Microbial Pathogenesis</i> , 2021 , 152, 104590	3.8	3
30	Caffeine and high intensity exercise: Impact on purinergic and cholinergic signalling in lymphocytes and on cytokine levels. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 108, 1731-1738	7.5	3
29	A prophylactic protocol to stimulate the immune response also controls infectious disease and, consequently, minimizes diarrhea in newborn heifers. <i>Microbial Pathogenesis</i> , 2018 , 121, 262-268	3.8	3
28	Physiological changes in the adenosine deaminase activity, antioxidant and inflammatory parameters in pregnant cows and at post-partum. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018 , 102, 910-916	2.6	3
27	Involvement of ectonucleotidases and purinergic receptor expression during acute Chagas disease in the cortex of mice treated with resveratrol and benznidazole. <i>Purinergic Signalling</i> , 2021 , 17, 493-502	3.8	3
26	Caffeine prevents changes in muscle caused by high-intensity interval training. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 89, 116-123	7.5	2
25	Aluminum-induced alterations of purinergic signalling in embryonic neural progenitor cells. <i>Chemosphere</i> , 2020 , 251, 126642	8.4	2
24	Methylmercury-induced changes in target organs of suckling rat pups. <i>Experimental and Toxicologic Pathology</i> , 2012 , 64, 605-9		2
23	Effects in vitro of guanidinoacetate on adenine nucleotide hydrolysis and acetylcholinesterase activity in tissues from adult rats. <i>Neurochemical Research</i> , 2008 , 33, 1129-37	4.6	2
22	Aluminum-Induced Alterations in Purinergic System Parameters of BV-2 Brain Microglial Cells. <i>Journal of Immunology Research</i> , 2021 , 2021, 2695490	4.5	2
21	Moringa oleifera modulates cholinergic and purinergic enzymes activity in BV-2 microglial cells. <i>Metabolic Brain Disease</i> , 2021 , 36, 627-638	3.9	2
20	Tucumã (<i>Astrocaryum aculeatum</i>) prevents memory loss and oxidative imbalance in the brain of rats with hyperlipidemia. <i>Journal of Food Biochemistry</i> , 2021 , 45, e13636	3.3	2

19	Butyrylcholinesterase activity in dairy cows naturally infected by <i>Dictyocaulus viviparus</i> and treated with eprinomectin. <i>Comparative Clinical Pathology</i> , 2017 , 26, 155-158	0.9	1
18	Cholinesterase's activities of infected mice by <i>Brucella ovis</i> . <i>Microbial Pathogenesis</i> , 2019 , 132, 137-140	3.8	1
17	Pre- and post-partum seric biochemical variables of Lacaune ewes naturally infected by gastrointestinal parasites. <i>Comparative Clinical Pathology</i> , 2016 , 25, 815-823	0.9	1
16	Experimental infection of cattle with <i>Listeria monocytogenes</i> : Participation of purinergic metabolism in disease pathogenesis. <i>Microbial Pathogenesis</i> , 2018 , 122, 25-29	3.8	1
15	Acetylcholinesterase activity in <i>Toxoplasma gondii</i> tachyzoites (RH strain). <i>Comparative Clinical Pathology</i> , 2015 , 24, 687-690	0.9	1
14	<i>Trypanosoma evansi</i> : Ca(2+) ATPase activity and lipid peroxidation in skeletal muscle from rats experimentally infected. <i>Experimental Parasitology</i> , 2011 , 128, 377-81	2.1	1
13	Enzymes that hydrolyze adenine nucleotides in platelets and polymorphisms in the alpha2 gene of integrin alpha2beta1 in patients with von Willebrand disease. <i>Molecular and Cellular Biochemistry</i> , 2010 , 340, 249-56	4.2	1
12	Investigating the Effect of Inosine on Brain Purinergic Receptors and Neurotrophic and Neuroinflammatory Parameters in an Experimental Model of Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2021 , 1	6.2	1
11	Berberine increases the expression of cytokines and proteins linked to apoptosis in human melanoma cells. <i>Molecular Biology Reports</i> , 2021 , 1	2.8	1
10	L. and MII. Arg. Supplemented Diet Improved Testosterone Levels, Modulated Ectonucleotidases and Adenosine Deaminase Activities in Platelets from L-NAME-Stressed Rats. <i>Nutrients</i> , 2021 , 13,	6.7	1
9	Feed contaminated by fumonisin (<i>Fusarium</i> spp.) in chicks has a negative influence on oxidative stress and performance, and the inclusion of curcumin-loaded nanocapsules minimizes these effects. <i>Microbial Pathogenesis</i> , 2020 , 148, 104496	3.8	1
8	Effects of biocholine powder supplementation in ewe lambs: Growth, rumen fermentation, antioxidant status, and metabolism. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2021 , 29, e00580	5.3	1
7	Amazon-derived nutraceuticals: Promises to mitigate chronic inflammatory states and neuroinflammation. <i>Neurochemistry International</i> , 2021 , 148, 105085	4.4	1
6	Dietary ginger and turmeric rhizomes prevent oxidative stress and restore delta-aminolevulinic acid dehydratase activity in L-NAME treated rats. <i>Journal of Food Biochemistry</i> , 2018 , 42, e12472	3.3	0
5	Activity of nucleoside triphosphate diphosphohydrolase, 5'-nucleotidase, and adenosine deaminase in cattle fed on pastures treated with different nitrogen fertilizers. <i>Toxicological and Environmental Chemistry</i> , 2017 , 99, 966-974	1.4	
4	Cholinesterase's activities in cows supplemented with selenium, copper, phosphorus, potassium, and magnesium intramuscularly during the transition period. <i>Comparative Clinical Pathology</i> , 2017 , 26, 575-579	0.9	
3	Biochemical detection of enzymes NTPDase in tachyzoites of <i>Toxoplasma gondii</i> and possible functional correlations. <i>Comparative Clinical Pathology</i> , 2015 , 24, 393-397	0.9	
2	Effect of long-term exposure to aluminum and high-fat diet on NTPDase and 5'-nucleotidase activities in lymphocytes and platelets of rats. <i>Environmental Quality Management</i> , 2017 , 27, 67-73	0.8	

- 1 Adenosine deaminase behavior in experimental infection by *Brucella ovis* and its participation in the modulation of the inflammatory response. *Comparative Clinical Pathology*, **2019**, 28, 173-176 0.9