

# Maria Rosa C Schetinger

## List of Publications by Year in descending order

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273  
papers

6,398  
citations

87723

38  
h-index

118652

62  
g-index

273  
all docs

273  
docs citations

273  
times ranked

8647  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mercury toxicity induces oxidative stress in growing cucumber seedlings. <i>Chemosphere</i> , 2006, 65, 999-1006.	4.2	230
2	NTPDase and 5'â€nucleotidase activities in physiological and disease conditions: New perspectives for human health. <i>BioFactors</i> , 2007, 31, 77-98.	2.6	202
3	Resveratrol prevents memory deficits and the increase in acetylcholinesterase activity in streptozotocin-induced diabetic rats. <i>European Journal of Pharmacology</i> , 2009, 610, 42-48.	1.7	199
4	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, 374-383.	1.3	156
5	Differential Macrophage Activation Alters the Expression Profile of NTPDase and Ecto-5â€Nucleotidase. <i>PLoS ONE</i> , 2012, 7, e31205.	1.1	149
6	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.	1.7	136
7	Effect of different temperature regimes on metabolic and blood parameters of silver catfish <i>Rhamdia quelen</i> . <i>Aquaculture</i> , 2004, 239, 497-507.	1.7	119
8	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, 519-524.	1.3	115
9	Iron and Oxidative Stress in Parkinsonâ€™s Disease: An Observational Study of Injury Biomarkers. <i>PLoS ONE</i> , 2016, 11, e0146129.	1.1	110
10	Enzymes that hydrolyze adenine nucleotides in diabetes and associated pathologies. <i>Thrombosis Research</i> , 2003, 109, 189-194.	0.8	100
11	Anthocyanins restore behavioral and biochemical changes caused by streptozotocin-induced sporadic dementia of Alzheimer's type. <i>Life Sciences</i> , 2014, 96, 7-17.	2.0	96
12	Quercetin protects the impairment of memory and anxiogenic-like behavior in rats exposed to cadmium: Possible involvement of the acetylcholinesterase and Na <sup>+</sup> ,K <sup>+</sup> -ATPase activities. <i>Physiology and Behavior</i> , 2014, 135, 152-167.	1.0	95
13	Oxidative stress versus antioxidant defenses in patients with acute myocardial infarction. <i>Heart and Vessels</i> , 2011, 26, 55-63.	0.5	87
14	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.	1.9	77
15	Effect of Long-Term Exposure to Aluminum on the Acetylcholinesterase Activity in the Central Nervous System and Erythrocytes. <i>Neurochemical Research</i> , 2008, 33, 2294-2301.	1.6	75
16	Neuroprotective effect of anthocyanins on acetylcholinesterase activity and attenuation of scopolamineâ€induced amnesia in rats. <i>International Journal of Developmental Neuroscience</i> , 2014, 33, 88-97.	0.7	75
17	Coffee, caffeine, chlorogenic acid, and the purinergic system. <i>Food and Chemical Toxicology</i> , 2019, 123, 298-313.	1.8	74
18	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, 386-394.	1.3	73

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19	Antiproliferative and apoptotic effects of caffeic acid on SK-Mel-28 human melanoma cancer cells. <i>Molecular Biology Reports</i> , 2019, 46, 2085-2092.	1.0	70
20	Behavior and brain enzymatic changes after long-term intoxication with cadmium salt or contaminated potatoes. <i>Food and Chemical Toxicology</i> , 2012, 50, 3709-3718.	1.8	68
21	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.	1.6	68
22	Effects of lead on the growth, lead accumulation and physiological responses of <i>Pluchea sagittalis</i> . <i>Ecotoxicology</i> , 2012, 21, 111-123.	1.1	63
23	Neuroprotective effects of quercetin on memory and anxiogenic-like behavior in diabetic rats: Role of ectionucleotidases and acetylcholinesterase activities. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 559-568.	2.5	63
24	Effects of resveratrol on nucleotide degrading enzymes in streptozotocin-induced diabetic rats. <i>Life Sciences</i> , 2009, 84, 345-350.	2.0	62
25	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, 287-293.	1.4	54
26	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.	1.4	52
27	Association between thyroid hormones, lipids and oxidative stress biomarkers in overt hypothyroidism. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010, 48, 1635-1639.	1.4	51
28	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, 743-751.	1.3	51
29	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.	0.5	51
30	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.	2.0	50
31	Oxidative stress is an early symptom triggered by aluminum in Al-sensitive potato plantlets. <i>Chemosphere</i> , 2009, 76, 1402-1409.	4.2	50
32	Effect of aluminum on $\Gamma$ -aminolevulinic acid dehydratase (ALA-D) and the development of cucumber ( <i>Cucumis sativus</i> ). <i>Environmental and Experimental Botany</i> , 2006, 57, 106-115.	2.0	47
33	Antiplatelet, Antithrombotic, and Fibrinolytic Activities of <i>Campomanesia xanthocarpa</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-8.	0.5	46
34	Dietary supplementation of ginger and turmeric improves reproductive function in hypertensive male rats. <i>Toxicology Reports</i> , 2015, 2, 1357-1366.	1.6	44
35	Effects of chlorogenic acid, caffeine, and coffee on behavioral and biochemical parameters of diabetic rats. <i>Molecular and Cellular Biochemistry</i> , 2014, 388, 277-286.	1.4	43
36	Piracetam Prevents Scopolamine-Induced Memory Impairment and Decrease of NTPDase, 5'-Nucleotidase and Adenosine Deaminase Activities. <i>Neurochemical Research</i> , 2013, 38, 1704-1714.	1.6	41

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37	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.	1.1	41
38	ATP and ADP hydrolysis in fish, chicken and rat synaptosomes. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2001, 128, 731-741.	0.7	40
39	Biochemical effects of clomazone herbicide on piava ( <i>Leporinus obtusidens</i> ). <i>Chemosphere</i> , 2008, 74, 1-5.	4.2	40
40	Exercise training prevents ecto-nucleotidases alterations in platelets of hypertensive rats. <i>Molecular and Cellular Biochemistry</i> , 2012, 371, 147-156.	1.4	39
41	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, 371-376.	1.4	37
42	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.	0.7	37
43	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, 752-758.	0.4	37
44	Curcumin protects against cigarette smoke-induced cognitive impairment and increased acetylcholinesterase activity in rats. <i>Physiology and Behavior</i> , 2012, 106, 664-669.	1.0	36
45	Effect of aluminum on $\hat{\Gamma}$ -aminolevulinic acid dehydratase from mouse blood. <i>Toxicology Letters</i> , 2000, 117, 45-52.	0.4	35
46	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, 34-39.	1.1	35
47	Free and nanoencapsulated curcumin prevents cigarette smoke-induced cognitive impairment and redox imbalance. <i>Neurobiology of Learning and Memory</i> , 2013, 100, 98-107.	1.0	35
48	Ectoenzymes and cholinesterase activity and biomarkers of oxidative stress in patients with lung cancer. <i>Molecular and Cellular Biochemistry</i> , 2013, 374, 137-148.	1.4	34
49	Activities of the enzymes that hydrolyze adenine nucleotides in platelets from multiple sclerosis patients. <i>Journal of Neurology</i> , 2010, 257, 24-30.	1.8	33
50	Swimming Training Prevents Alterations in Acetylcholinesterase and Butyrylcholinesterase Activities in Hypertensive Rats. <i>American Journal of Hypertension</i> , 2014, 27, 522-529.	1.0	33
51	Impact of ectonucleotidases in autonomic nervous functions. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015, 191, 25-38.	1.4	33
52	Effects of gallic acid on delta $\hat{\Gamma}$ 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.	2.5	33
53	Evaluation of Delta-Aminolevulinic Dehydratase Activity, Oxidative Stress Biomarkers, and Vitamin D Levels in Patients with Multiple Sclerosis. <i>Neurotoxicity Research</i> , 2016, 29, 230-242.	1.3	33
54	Tissue digestion for aluminum determination in experimental animal studies. <i>Analytical Biochemistry</i> , 2008, 377, 120-127.	1.1	31

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55	Oxidative stress and erythrocyte acetylcholinesterase (AChE) in hypertensive and ischemic patients of both acute and chronic stages. <i>Biomedicine and Pharmacotherapy</i> , 2008, 62, 317-324.	2.5	31
56	Physical training prevents oxidative stress in L-NAME-induced hypertension rats. <i>Cell Biochemistry and Function</i> , 2013, 31, 136-151.	1.4	31
57	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.	0.5	31
58	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, 1156-1163.	2.8	31
59	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.	2.0	30
60	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.	2.1	29
61	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.	1.1	28
62	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.	1.7	28
63	Serum cholinesterase activity in diabetes and associated pathologies. <i>Diabetes Research and Clinical Practice</i> , 2006, 72, 28-32.	1.1	27
64	Effect of high glucose levels in human platelet NTPDase and 5'-nucleotidase activities. <i>Diabetes Research and Clinical Practice</i> , 2008, 81, 351-357.	1.1	27
65	Caffeic acid treatment alters the extracellular adenine nucleotide hydrolysis in platelets and lymphocytes of adult rats. <i>Food and Chemical Toxicology</i> , 2013, 56, 459-466.	1.8	27
66	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.	1.1	27
67	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	27
68	Diabetes and hypertension: Pivotal involvement of purinergic signaling. <i>Biomedicine and Pharmacotherapy</i> , 2021, 137, 111273.	2.5	27
69	Chlorpyrifos pesticide promotes oxidative stress and increases inflammatory states in BV-2 microglial cells: A role in neuroinflammation. <i>Chemosphere</i> , 2021, 278, 130417.	4.2	27
70	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.	1.4	26
71	<i>Uncaria tomentosa</i> Adjuvant Treatment for Breast Cancer: Clinical Trial. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-8.	0.5	26
72	Lung cancer alters the hydrolysis of nucleotides and nucleosides in platelets. <i>Biomedicine and Pharmacotherapy</i> , 2012, 66, 40-45.	2.5	26

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73	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, 612-620.	0.7	26
74	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.	1.2	26
75	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.	1.5	26
76	Possible role of purinergic signaling in COVID-19. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 2891-2898.	1.4	26
77	Enzymes that hydrolyze adenine nucleotides in platelets from breast cancer patients. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2005, 1740, 421-426.	1.8	25
78	Influence of malathion on acetylcholinesterase activity in rats submitted to a forced swimming test. <i>Neurotoxicity Research</i> , 2006, 9, 285-290.	1.3	25
79	Alterations of ectonucleotidases and acetylcholinesterase activities in lymphocytes of Down syndrome subjects: Relation with inflammatory parameters. <i>Clinica Chimica Acta</i> , 2014, 433, 105-110.	0.5	25
80	Fowl typhoid in laying hens cause hepatic oxidative stress. <i>Microbial Pathogenesis</i> , 2017, 103, 162-166.	1.3	25
81	Î±-Spinasterol: 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.	2.7	25
82	Oxidative Stress in Cerebrospinal Fluid of Patients with Aseptic and Bacterial Meningitis. <i>Neurochemical Research</i> , 2009, 34, 1255-1260.	1.6	24
83	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, 237-244.	0.7	24
84	E-NTPDase and E-ADA activities are altered in lymphocytes of patients with indeterminate form of Chagas' disease. <i>Parasitology International</i> , 2012, 61, 690-696.	0.6	24
85	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, 51-58.	0.5	24
86	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.	2.0	24
87	Effect of phenylalanine and its metabolites on ATP diphosphohydrolase activity in synaptosomes from rat cerebral cortex. <i>Neurochemical Research</i> , 1994, 19, 1175-1180.	1.6	23
88	Ectonucleotidases and synaptic plasticity: Implications in physiological and pathological conditions. <i>Drug Development Research</i> , 2001, 52, 57-65.	1.4	23
89	Photosynthetic pigments content, Î³-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.	0.8	23
90	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.	1.3	23

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91	Synergistic effects of resveratrol (free and inclusion complex) and sulfamethoxazole-trimethoprim treatment on pathology, oxidant/antioxidant status and behavior of mice infected with <i>Toxoplasma gondii</i> . <i>Microbial Pathogenesis</i> , 2016, 95, 166-174.	1.3	23
92	17- $\beta$ 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, 351-359.	2.0	22
93	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, 526-532.	1.0	22
94	Effects of sulfamethoxazole-trimethoprim associated to resveratrol on its free form and complexed with 2-hydroxypropyl- $\beta$ -cyclodextrin on cytokines levels of mice infected by <i>Toxoplasma gondii</i> . <i>Microbial Pathogenesis</i> , 2015, 87, 40-44.	1.3	22
95	Activities of enzymes that hydrolyze adenine nucleotides in lymphocytes from patients with rheumatoid arthritis. <i>Cell Biochemistry and Function</i> , 2013, 31, 395-399.	1.4	21
96	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.	1.9	21
97	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, 563-567.	0.7	20
98	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, 281-286.	0.7	20
99	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.	0.7	20
100	Cyclosporine A inhibits acetylcholinesterase activity in rats experimentally demyelinated with ethidium bromide. <i>International Journal of Developmental Neuroscience</i> , 2007, 25, 259-264.	0.7	20
101	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, 703-707.	1.4	19
102	Swimming training prevents alterations in ecto-NTPDase and adenosine deaminase activities in lymphocytes from Ni <sup>2+</sup> -nitro-L-arginine methyl ester hydrochloride induced hypertension rats. <i>Journal of Hypertension</i> , 2015, 33, 763-772.	0.3	19
103	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.	2.9	19
104	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.	1.7	19
105	Inhibitory Effect of Novel Pyrimidines on ATP and ADP Hydrolysis in Synaptosomes from Rat Cerebral Cortex. <i>Chemical Research in Toxicology</i> , 2003, 16, 1433-1439.	1.7	18
106	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, 255-260.	1.5	18
107	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, 1109-1114.	2.0	18
108	Acute and subacute exposure to malathion impairs aversive but not non-associative memory in rats. <i>Neurotoxicity Research</i> , 2007, 12, 71-79.	1.3	18



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109	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, 1210-1219.	1.4	18
110	Pre-treatment with curcumin modulates acetylcholinesterase activity and proinflammatory cytokines in rats infected with <i>Trypanosoma evansi</i> . <i>Parasitology International</i> , 2013, 62, 144-149.	0.6	18
111	Oxidative stress and inflammatory response biomarkers in dogs with mammary carcinoma. <i>Pathology Research and Practice</i> , 2015, 211, 677-681.	1.0	18
112	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.	0.9	18
113	The signaling effects of ATP on melanoma-like skin cancer. <i>Cellular Signalling</i> , 2019, 59, 122-130.	1.7	18
114	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.	1.0	18
115	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.	0.9	17
116	Aluminum-stress response in oat genotypes with monogenic tolerance. <i>Environmental and Experimental Botany</i> , 2011, 74, 114-121.	2.0	17
117	Zinc alleviates mercury-induced oxidative stress in <i>Pfaffia glomerata</i> (Spreng.) Pedersen. <i>BioMetals</i> , 2011, 24, 959-971.	1.8	17
118	Evaluation of mediators of oxidative stress and inflammation in patients with acute appendicitis. <i>Biomarkers</i> , 2016, 21, 530-537.	0.9	17
119	Oxidative status in patients submitted to conization and radiation treatments for uterine cervix neoplasia. <i>Clinica Chimica Acta</i> , 2006, 366, 174-178.	0.5	16
120	Activities of enzymes that hydrolyze adenine nucleotides in platelets from patients with rheumatoid arthritis. <i>Clinical Biochemistry</i> , 2010, 43, 1096-1100.	0.8	16
121	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, 201-211.	1.4	16
122	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.	1.2	16
123	Ethidium bromide inhibits rat brain acetylcholinesterase activity in vitro. <i>Chemico-Biological Interactions</i> , 2006, 162, 121-127.	1.7	15
124	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, 630-635.	1.4	15
125	Protective effect of $\alpha$ -Tocopherol on memory deficits and $\text{Na}^+$ , $\text{K}^+$ -ATPase and acetylcholinesterase activities in rats with diet-induced hypercholesterolemia. <i>Biomedicine and Aging Pathology</i> , 2012, 2, 73-80.	0.8	15
126	Hypoxia-induced Ischemia Alters Nucleotide and Nucleoside Catabolism and $\text{Na}^+$ , $\text{K}^+$ -ATPase Activity in the Cerebral Cortex of Newborn Rats. <i>Neurochemical Research</i> , 2013, 38, 886-894.	1.6	15



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127	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.	0.7	15
128	Regular exercise training reverses ectonucleotidase alterations and reduces hyperaggregation of platelets in metabolic syndrome patients. <i>Clinica Chimica Acta</i> , 2016, 454, 66-71.	0.5	15
129	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.	1.5	15
130	ATP signaling and NTPDase in Systemic Lupus Erythematosus (SLE). <i>Immunobiology</i> , 2019, 224, 419-426.	0.8	15
131	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.	1.1	15
132	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.	2.0	15
133	The effect of aluminium on NTPDase and 5â€²-â€”nucleotidase activities from rat synaptosomes and platelets. <i>International Journal of Developmental Neuroscience</i> , 2007, 25, 381-386.	0.7	14
134	Enhanced NTPDase and 5â€²-nucleotidase activities in diabetes mellitus and iron-overload model. <i>Molecular and Cellular Biochemistry</i> , 2007, 298, 101-107.	1.4	14
135	Ectonucleotide Pyrophosphatase/Phosphodiesterase (E-NPP) and Adenosine Deaminase (ADA) activities in patients with uterine cervix neoplasia. <i>Clinical Biochemistry</i> , 2008, 41, 400-406.	0.8	14
136	Hydrolysis of adenine nucleotides in platelets from patients with acute myocardial infarction. <i>Clinical Biochemistry</i> , 2008, 41, 1181-1185.	0.8	14
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139	Occurrence of oxidative stress in dairy cows seropositives for <i>Brucella abortus</i> . <i>Microbial Pathogenesis</i> , 2017, 110, 196-201.	1.3	14
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167	Activities of ectonucleotidases and adenosine deaminase in platelets of dogs experimentally infected with <i>Rangelia vitalii</i> . <i>Experimental Parasitology</i> , 2012, 131, 252-257.	0.5	10
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222	Activities of ectonucleotidases and adenosine deaminase in platelets of cattle experimentally infected by <i>Fasciola hepatica</i> . Experimental Parasitology, 2017, 176, 16-20.	0.5	5
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