

# Matheus D Baldissera

## List of Publications by Citations

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289  
papers

2,504  
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23  
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299  
ext. papers

3,151  
ext. citations

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L-index

#	Paper	IF	Citations
289	Citral and linalool chemotypes of <i>Lippia alba</i> essential oil as anesthetics for fish: a detailed physiological analysis of side effects during anesthetic recovery in silver catfish ( <i>Rhamdia quelen</i> ). <i>Fish Physiology and Biochemistry</i> , <b>2018</b> , 44, 21-34	2.7	53
288	Essential Oils as Stress-Reducing Agents for Fish Aquaculture: A Review. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 785	4.6	49
287	Trypanocidal activity of the essential oils in their conventional and nanoemulsion forms: in vitro tests. <i>Experimental Parasitology</i> , <b>2013</b> , 134, 356-61	2.1	42
286	Feed addition of curcumin to laying hens showed anticoccidial effect, and improved egg quality and animal health. <i>Research in Veterinary Science</i> , <b>2018</b> , 118, 101-106	2.5	39
285	Glycerol monolaurate in the diet of broiler chickens replacing conventional antimicrobials: Impact on health, performance and meat quality. <i>Microbial Pathogenesis</i> , <b>2019</b> , 129, 161-167	3.8	38
284	Combination of herbal components (curcumin, carvacrol, thymol, cinnamaldehyde) in broiler chicken feed: Impacts on response parameters, performance, fatty acid profiles, meat quality and control of coccidia and bacteria. <i>Microbial Pathogenesis</i> , <b>2020</b> , 139, 103916	3.8	37
283	Effects of phytogetic feed additive based on thymol, carvacrol and cinnamic aldehyde on body weight, blood parameters and environmental bacteria in broilers chickens. <i>Microbial Pathogenesis</i> , <b>2018</b> , 125, 168-176	3.8	36
282	In vitro and in vivo action of terpinen-4-ol, $\beta$ terpinene, and $\beta$ terpinene against <i>Trypanosoma evansi</i> . <i>Experimental Parasitology</i> , <b>2016</b> , 162, 43-8	2.1	33
281	Trypanocidal action of tea tree oil ( <i>Melaleuca alternifolia</i> ) against <i>Trypanosoma evansi</i> in vitro and in vivo used mice as experimental model. <i>Experimental Parasitology</i> , <b>2014</b> , 141, 21-7	2.1	33
280	Is monoterpene terpinen-4-ol the compound responsible for the anesthetic and antioxidant activity of <i>Melaleuca alternifolia</i> essential oil (tea tree oil) in silver catfish?. <i>Aquaculture</i> , <b>2018</b> , 486, 217-223	4.4	32
279	Hypolipidemic effect of $\beta$ caryophyllene to treat hyperlipidemic rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2017</b> , 390, 215-223	3.4	31
278	Treatment with essential oil of <i>Achyrocline satureioides</i> in rats infected with <i>Trypanosoma evansi</i> : relationship between protective effect and tissue damage. <i>Pathology Research and Practice</i> , <b>2014</b> , 210, 1068-74	3.4	31
277	$\beta$ caryophyllene reduces atherogenic index and coronary risk index in hypercholesterolemic rats: The involvement of cardiac oxidative damage. <i>Chemico-Biological Interactions</i> , <b>2017</b> , 270, 9-14	5	28
276	Bovine leptospirosis: Prevalence, associated risk factors for infection and their cause-effect relation. <i>Microbial Pathogenesis</i> , <b>2017</b> , 107, 149-154	3.8	28
275	Physiological responses of <i>Rhamdia quelen</i> (Siluriformes: Heptapteridae) to anesthesia with essential oils from two different chemotypes of <i>Lippia alba</i> . <i>Neotropical Ichthyology</i> , <b>2017</b> , 15,	1.3	28
274	<i>Pseudomonas aeruginosa</i> strain PA01 impairs enzymes of the phosphotransfer network in the gills of <i>Rhamdia quelen</i> . <i>Veterinary Microbiology</i> , <b>2017</b> , 201, 121-125	3.3	27
273	In vivo bactericidal effect of <i>Melaleuca alternifolia</i> essential oil against <i>Aeromonas hydrophila</i> : Silver catfish ( <i>Rhamdia quelen</i> ) as an experimental model. <i>Microbial Pathogenesis</i> , <b>2016</b> , 98, 82-7	3.8	26

272	Melaleuca alternifolia essential oil enhances the non-specific immune system and prevents oxidative damage in Rhamdia quelen experimentally infected by Aeromonas hydrophila: Effects on cholinergic and purinergic systems in liver tissue. <i>Fish and Shellfish Immunology</i> , <b>2017</b> , 61, 1-8	4.3	25
271	Activity of cholinesterases, pyruvate kinase and adenosine deaminase in rats experimentally infected by Fasciola hepatica: Influences of these enzymes on inflammatory response and pathological findings. <i>Pathology Research and Practice</i> , <b>2015</b> , 211, 871-6	3.4	25
270	Fish exposed to water contaminated with eprinomectin show inhibition of the activities of AChE and Na/K-ATPase in the brain, and changes in natural behavior. <i>Chemosphere</i> , <b>2019</b> , 223, 124-130	8.4	24
269	Dietary supplementation with nerolidol nanospheres improves growth, antioxidant status and fillet fatty acid profiles in Nile tilapia: Benefits of nanotechnology for fish health and meat quality. <i>Aquaculture</i> , <b>2020</b> , 516, 734635	4.4	24
268	Melaleuca alternifolia essential oil prevents alterations to purinergic enzymes and ameliorates the innate immune response in silver catfish infected with Aeromonas hydrophila. <i>Microbial Pathogenesis</i> , <b>2017</b> , 109, 61-66	3.8	23
267	Aflatoxin B-contaminated diet disrupts the blood-brain barrier and affects fish behavior: Involvement of neurotransmitters in brain synaptosomes. <i>Environmental Toxicology and Pharmacology</i> , <b>2018</b> , 60, 45-51	5.8	23
266	Antimicrobial activity and phytochemical characterization of Carya illinoensis. <i>Microbial Pathogenesis</i> , <b>2017</b> , 104, 190-195	3.8	22
265	effect of seven essential oils on the reproduction of the cattle tick. <i>Journal of Advanced Research</i> , <b>2016</b> , 7, 1029-1034	13	22
264	Effect of the treatment with Achyrocline satureioides (free and nanocapsules essential oil) and diminazene aceturate on hematological and biochemical parameters in rats infected by Trypanosoma evansi. <i>Experimental Parasitology</i> , <b>2015</b> , 149, 39-46	2.1	21
263	Insecticidal and repellent effects of tea tree and andiroba oils on flies associated with livestock. <i>Medical and Veterinary Entomology</i> , <b>2014</b> , 28 Suppl 1, 33-9	2.4	21
262	Seric and hepatic NTPDase and 5' nucleotidase activities of rats experimentally infected by Fasciola hepatica. <i>Parasitology</i> , <b>2016</b> , 143, 551-6	2.7	21
261	Fowl typhoid in laying hens cause hepatic oxidative stress. <i>Microbial Pathogenesis</i> , <b>2017</b> , 103, 162-166	3.8	20
260	Addition of grape pomace flour in the diet on laying hens in heat stress: Impacts on health and performance as well as the fatty acid profile and total antioxidant capacity in the egg. <i>Journal of Thermal Biology</i> , <b>2019</b> , 80, 141-149	2.9	20
259	In vitro activity of essential oils of free and nanostructured Melaleuca alternifolia and of terpinen-4-ol on eggs and larvae of Haemonchus contortus. <i>Journal of Helminthology</i> , <b>2016</b> , 90, 377-82	1.6	20
258	Serum and hepatic oxidative damage induced by a diet contaminated with fungal mycotoxin in freshwater silver catfish Rhamdia quelen: Involvement on disease pathogenesis. <i>Microbial Pathogenesis</i> , <b>2018</b> , 124, 82-88	3.8	19
257	Nerolidol nanospheres increases its trypanocidal efficacy against Trypanosoma evansi: New approach against diminazene aceturate resistance and toxicity. <i>Experimental Parasitology</i> , <b>2016</b> , 166, 144-9	2.1	19
256	Antihyperglycemic, antioxidant activities of tucumãbil (Astrocaryum vulgare) in alloxan-induced diabetic mice, and identification of fatty acid profile by gas chromatograph: New natural source to treat hyperglycemia. <i>Chemico-Biological Interactions</i> , <b>2017</b> , 270, 51-58	5	18
255	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 Toxoplasma gondii. <i>Microbial Pathogenesis</i> , <b>2015</b> , 87, 40-4	3.8	18

254	Essential oil of <i>Ocimum gratissimum</i> (Linnaeus, 1753) as anesthetic for <i>Lophiosilurus alexandri</i> : Induction, recovery, hematology, biochemistry and oxidative stress. <i>Aquaculture</i> , <b>2020</b> , 529, 735676	4.4	18
253	Efficacy of dietary curcumin supplementation as bactericidal for silver catfish against <i>Streptococcus agalactiae</i> . <i>Microbial Pathogenesis</i> , <b>2018</b> , 116, 237-240	3.8	18
252	Gill bioenergetics dysfunction and oxidative damage induced by thiamethoxam exposure as relevant toxicological mechanisms in freshwater silver catfish <i>Rhamdia quelen</i> . <i>Science of the Total Environment</i> , <b>2018</b> , 636, 420-426	10.2	18
251	Involvement of cholinergic and purinergic systems during the inflammatory response caused by <i>Aeromonas hydrophila</i> in <i>Rhamdia quelen</i> . <i>Microbial Pathogenesis</i> , <b>2016</b> , 99, 78-82	3.8	18
250	Nanotechnology improves the therapeutic efficacy of <i>Melaleuca alternifolia</i> essential oil in experimentally infected <i>Rhamdia quelen</i> with <i>Pseudomonas aeruginosa</i> . <i>Aquaculture</i> , <b>2017</b> , 473, 169-174	4.4	17
249	Nerolidol-loaded nanospheres prevent behavioral impairment via ameliorating Na, K-ATPase and AChE activities as well as reducing oxidative stress in the brain of <i>Trypanosoma evansi</i> -infected mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2017</b> , 390, 139-148	3.4	17
248	Trypanocidal activity of the compounds present in Aniba canelilla oil against <i>Trypanosoma evansi</i> and its effects on viability of lymphocytes. <i>Microbial Pathogenesis</i> , <b>2017</b> , 103, 13-18	3.8	17
247	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> , <b>2016</b> , 169, 51-8	2.1	17
246	Benefits of the inclusion of aïïi oil in the diet of dairy sheep in heat stress on health and milk production and quality. <i>Journal of Thermal Biology</i> , <b>2019</b> , 84, 250-258	2.9	17
245	Effect of tea tree oil ( <i>Melaleuca alternifolia</i> ) on the longevity and immune response of rats infected by <i>Trypanosoma evansi</i> . <i>Research in Veterinary Science</i> , <b>2014</b> , 96, 501-6	2.5	17
244	<i>Aeromonas caviae</i> alters the cytosolic and mitochondrial creatine kinase activities in experimentally infected silver catfish: Impairment on renal bioenergetics. <i>Microbial Pathogenesis</i> , <b>2017</b> , 110, 439-443	3.8	17
243	Relationship between behavioral alterations and activities of adenylate kinase and creatine kinase in brain of rats infected by <i>Trypanosoma evansi</i> . <i>Experimental Parasitology</i> , <b>2015</b> , 151-152, 96-102	2.1	17
242	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> , <b>2016</b> , 95, 166-174	3.8	17
241	Vegetable choline improves growth performance, energetic metabolism, and antioxidant capacity of fingerling Nile tilapia ( <i>Oreochromis niloticus</i> ). <i>Aquaculture</i> , <b>2019</b> , 501, 224-229	4.4	17
240	Low-dose curcumin-loaded Eudragit L-100-nanocapsules in the diet of dairy sheep increases antioxidant levels and reduces lipid peroxidation in milk. <i>Journal of Food Biochemistry</i> , <b>2019</b> , 43, e12942	3.3	16
239	Trypanocidal activity of free and nanoencapsulated curcumin on <i>Trypanosoma evansi</i> . <i>Parasitology</i> , <b>2015</b> , 142, 439-48	2.7	16
238	<i>Melaleuca alternifolia</i> anthelmintic activity in gerbils experimentally infected by <i>Haemonchus contortus</i> . <i>Experimental Parasitology</i> , <b>2016</b> , 170, 177-183	2.1	16
237	<i>Melaleuca alternifolia</i> essential oil prevents oxidative stress and ameliorates the antioxidant system in the liver of silver catfish ( <i>Rhamdia quelen</i> ) naturally infected with <i>Ichthyophthirius multifiliis</i> . <i>Aquaculture</i> , <b>2017</b> , 480, 11-16	4.4	16

236	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> , <b>2015</b> , 79, 17-23	3.8	16
235	Disturbance of energetic homeostasis and oxidative damage provoked by trichlorfon as relevant toxicological mechanisms using silver catfish as experimental model. <i>Chemico-Biological Interactions</i> , <b>2019</b> , 299, 94-100	5	16
234	Diet supplemented with curcumin for nursing lambs improves animal growth, energetic metabolism, and performance of the antioxidant and immune systems. <i>Small Ruminant Research</i> , <b>2019</b> , 170, 74-81	1.7	16
233	<i>Pseudomonas aeruginosa</i> strain PAO1 infection impairs locomotor activity in experimentally infected <i>Rhamdia quelen</i> : Interplay between a stress response and brain neurotransmitters. <i>Aquaculture</i> , <b>2017</b> , 473, 74-79	4.4	15
232	Use of grape residue flour in lactating dairy sheep in heat stress: Effects on health, milk production and quality. <i>Journal of Thermal Biology</i> , <b>2019</b> , 82, 197-205	2.9	15
231	Oxidative stress and antioxidant responses in Nile tilapia <i>Oreochromis niloticus</i> experimentally infected by <i>Providencia rettgeri</i> . <i>Microbial Pathogenesis</i> , <b>2019</b> , 131, 164-169	3.8	15
230	Effects of treatment with the anti-parasitic drug diminazene aceturate on antioxidant enzymes in rat liver and kidney. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2016</b> , 389, 429-38	3.4	15
229	Involvement of HPI-axis in anesthesia with <i>Lippia alba</i> essential oil citral and linalool chemotypes: gene expression in the secondary responses in silver catfish. <i>Fish Physiology and Biochemistry</i> , <b>2019</b> , 45, 155-166	2.7	15
228	<i>Achyrocline satureioides</i> essential oil-loaded in nanocapsules reduces cytotoxic damage in liver of rats infected by <i>Trypanosoma evansi</i> . <i>Microbial Pathogenesis</i> , <b>2017</b> , 103, 149-154	3.8	14
227	<i>Melaleuca alternifolia</i> essential oil nanoparticles ameliorate the hepatic antioxidant/oxidant status of silver catfish experimentally infected with <i>Pseudomonas aeruginosa</i> . <i>Microbial Pathogenesis</i> , <b>2017</b> , 108, 61-65	3.8	14
226	Larvicidal and insecticidal effect of <i>Cinnamomum zeylanicum</i> oil (pure and nanostructured) against mealworm ( <i>Alphitobius diaperinus</i> ) and its possible environmental effects. <i>Journal of Asia-Pacific Entomology</i> , <b>2016</b> , 19, 1159-1165	1.4	14
225	Ectonucleotidases and adenosine deaminase activity in laying hens naturally infected by <i>Salmonella Gallinarum</i> and their effects on the pathogenesis of the disease. <i>Microbial Pathogenesis</i> , <b>2016</b> , 93, 180-4	3.8	14
224	The disturbance of antioxidant/oxidant balance in fish experimentally infected by <i>Aeromonas caviae</i> : Relationship with disease pathophysiology. <i>Microbial Pathogenesis</i> , <b>2018</b> , 122, 53-57	3.8	14
223	Effects of dietary grape pomace flour on the purinergic signaling and inflammatory response of grass carp experimentally infected with <i>Pseudomonas aeruginosa</i> . <i>Aquaculture</i> , <b>2019</b> , 503, 217-224	4.4	13
222	Solving the challenge of the blood-brain barrier to treat infections caused by <i>Trypanosoma evansi</i> : evaluation of nerolidol-loaded nanospheres in mice. <i>Parasitology</i> , <b>2017</b> , 144, 1543-1550	2.7	13
221	Nanostructured cinnamon oil has the potential to control <i>Rhipicephalus microplus</i> ticks on cattle. <i>Experimental and Applied Acarology</i> , <b>2017</b> , 73, 129-138	2.1	13
220	<i>Citrobacter freundii</i> infection in silver catfish ( <i>Rhamdia quelen</i> ): Hematological and histological alterations. <i>Microbial Pathogenesis</i> , <b>2018</b> , 125, 276-280	3.8	13
219	In vitro Safety and Efficacy of Lavender Essential Oil (Lamiales: Lamiaceae) as an Insecticide Against Houseflies (Diptera: Muscidae) and Blowflies (Diptera: Calliphoridae). <i>Journal of Economic Entomology</i> , <b>2018</b> , 111, 1974-1982	2.2	13

218	Production, purification and therapeutic potential of egg yolk antibodies for treating <i>Trypanosoma evansi</i> infection. <i>Veterinary Parasitology</i> , <b>2014</b> , 204, 96-103	2.8	12
217	Xanthine oxidase activity exerts a pro-oxidant and pro-inflammatory profile in gills of experimentally infected silver catfish with <i>Streptococcus agalactiae</i> . <i>Aquaculture</i> , <b>2017</b> , 477, 71-75	4.4	11
216	Lipid peroxidation and protein oxidation in broiler breast fillets with white striping myopathy. <i>Journal of Food Biochemistry</i> , <b>2019</b> , 43, e12792	3.3	11
215	Treatment with tucumil (Astrocaryum vulgare) for diabetic mice prevents changes in seric enzymes of the purinergic system: Improvement of immune system. <i>Biomedicine and Pharmacotherapy</i> , <b>2017</b> , 94, 374-379	7.5	11
214	Enzymatic activities linked to cardiac energy metabolism of <i>Trypanosoma evansi</i> -infected rats and their possible functional correlations to disease pathogenesis. <i>Parasitology</i> , <b>2015</b> , 142, 1163-70	2.7	11
213	Dose finding of 3'deoxyadenosine and deoxycoformycin for the treatment of <i>Trypanosoma evansi</i> infection: An effective and nontoxic dose. <i>Microbial Pathogenesis</i> , <b>2015</b> , 85, 21-8	3.8	11
212	Pro-inflammatory cytokines in the serum of silver catfish ( <i>Rhamdia quelen</i> ) naturally infected by <i>Clinostomum complanatum</i> : a preliminary study. <i>Journal of Parasitology</i> , <b>2014</b> , 100, 142-3	0.9	11
211	Aflatoxins produced by <i>Aspergillus parasiticus</i> present in the diet of quails increase the activities of cholinesterase and adenosine deaminase. <i>Microbial Pathogenesis</i> , <b>2017</b> , 107, 309-312	3.8	10
210	Oxidative stress in rats experimentally infected by <i>Sporothrix schenckii</i> . <i>Microbial Pathogenesis</i> , <b>2017</b> , 107, 1-5	3.8	10
209	Curcumin in the diet of quail in cold stress improves performance and egg quality. <i>Animal Feed Science and Technology</i> , <b>2019</b> , 254, 114192	3	10
208	Effect of free and nano-encapsulated curcumin on treatment and energetic metabolism of gerbils infected by <i>Listeria monocytogenes</i> . <i>Microbial Pathogenesis</i> , <b>2019</b> , 134, 103564	3.8	10
207	Diphenyl diselenide dietary supplementation protects against methylmercury-chloride-induced immunotoxicity in the head kidney and spleen of grass carp ( <i>Ctenopharyngodon idella</i> ) via regulation of purinergic signaling and the NLRP3 inflammasome. <i>Comparative Biochemistry and Physiology Part C: Toxicology and Pharmacology</i> , <b>2019</b> , 202, 59-64	3.2	10
206	<i>Spirulina platensis</i> in Japanese quail feeding alters fatty acid profiles and improves egg quality: Benefits to consumers. <i>Journal of Food Biochemistry</i> , <b>2019</b> , 43, e12860	3.3	10
205	Purinergic signalling displays an anti-inflammatory profile in the spleen of fish experimentally infected with <i>Aeromonas caviae</i> : Modulation of the immune response. <i>Journal of Fish Diseases</i> , <b>2018</b> , 41, 683-687	2.6	10
204	Serum adenosine deaminase and xanthine oxidase activities in silver catfish naturally infected with <i>Ichthyophthirius multifiliis</i> : The influence of these enzymes on inflammatory and oxidative status. <i>Journal of Fish Diseases</i> , <b>2018</b> , 41, 263-268	2.6	10
203	Purinergic signalling displays a pro-inflammatory profile in spleen and splenic lymphocytes of <i>Rhamdia quelen</i> fed with a diet contaminated by fungal mycotoxin: Involvement on disease pathogenesis. <i>Microbial Pathogenesis</i> , <b>2018</b> , 123, 449-453	3.8	10
202	Subclinical mastitis in Lacaune sheep: Causative agents, impacts on milk production, milk quality, oxidative profiles and treatment efficacy of ceftiofur. <i>Microbial Pathogenesis</i> , <b>2019</b> , 137, 103732	3.8	10
201	Avian antibodies (IgY) against <i>Trypanosoma cruzi</i> : Purification and characterization studies. <i>Journal of Immunological Methods</i> , <b>2017</b> , 449, 56-61	2.5	10



200	Memory deficit, toxic effects and activity of Na(+), K(+)-ATPase and NTPDase in brain of Wistar rats submitted to orally treatment with alpha-terpinene. <i>Environmental Toxicology and Pharmacology</i> , <b>2016</b> , 46, 1-8	5.8	10
199	Melaleuca alternifolia essential oil abrogates hepatic oxidative damage in silver catfish ( <i>Rhamdia quelen</i> ) fed with an aflatoxin-contaminated diet. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2019</b> , 221, 10-20	3.2	9
198	Changes in the cerebral phosphotransfer network impair energetic homeostasis in an aflatoxin B-contaminated diet. <i>Fish Physiology and Biochemistry</i> , <b>2018</b> , 44, 1051-1059	2.7	9
197	Blood-brain barrier breakdown and myeloperoxidase activity in silver catfish experimentally infected with <i>Pseudomonas aeruginosa</i> . <i>Journal of Fish Diseases</i> , <b>2018</b> , 41, 209-213	2.6	9
196	A caffeine-supplemented diet modulates oxidative stress markers and prevents oxidative damage in the livers of Nile tilapia ( <i>Oreochromis niloticus</i> ) exposed to hypoxia. <i>Fish Physiology and Biochemistry</i> , <b>2019</b> , 45, 1041-1049	2.7	9
195	Organophosphate pesticide trichlorfon induced neurotoxic effects in freshwater silver catfish <i>Rhamdia quelen</i> via disruption of blood-brain barrier: Implications on oxidative status, cell viability and brain neurotransmitters. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2019</b> , 219, 6-13	3.2	9
194	The adenosinergic system, not the cholinergic system, exerts an anti-inflammatory profile in lymphatic immune organs of fish naturally infected with <i>Ichthyophthirius multifiliis</i> . <i>Aquaculture</i> , <b>2017</b> , 476, 119-124	4.4	8
193	Injectable mineral supplementation to transition period dairy cows and its effects on animal health. <i>Comparative Clinical Pathology</i> , <b>2017</b> , 26, 335-342	0.9	8
192	Fish exposed to eprinomectin show hepatic oxidative stress and impairment in enzymes of the phosphotransfer network. <i>Aquaculture</i> , <b>2019</b> , 508, 199-205	4.4	8
191	Relationship between pathological findings and enzymes of the energy metabolism in liver of rats infected by <i>Trypanosoma evansi</i> . <i>Parasitology International</i> , <b>2015</b> , 64, 547-52	2.1	8
190	Thiamethoxam induced hepatic energy changes in silver catfish via impairment of the phosphoryl transfer network pathway: Toxicological effects on energetics homeostasis. <i>Environmental Toxicology and Pharmacology</i> , <b>2018</b> , 60, 1-4	5.8	8
189	Relationship between DNA damage in liver, heart, spleen and total blood cells and disease pathogenesis of infected rats by <i>Trypanosoma evansi</i> . <i>Experimental Parasitology</i> , <b>2016</b> , 161, 12-9	2.1	8
188	Purinergic signalling as a potential pathway for trichlorfon induced-inflammation and impairment of the immune response using freshwater silver catfish. <i>Aquaculture</i> , <b>2018</b> , 497, 91-96	4.4	8
187	Purinergic signaling as a potential target of hypoxia stress-induced impairment of the immune system in freshwater catfish <i>Lophiosilurus alexandri</i> . <i>Aquaculture</i> , <b>2018</b> , 496, 197-202	4.4	8
186	Nutraceutical effect of vitamins and minerals on performance and immune and antioxidant systems in dairy calves during the nutritional transition period in summer. <i>Journal of Thermal Biology</i> , <b>2019</b> , 84, 451-459	2.9	8
185	Dietary supplementation with caffeine increases survival rate, reduces microbial load and protects the liver against <i>Aeromonas hydrophila</i> -induced hepatic damage in the grass carp <i>Ctenopharyngodon idella</i> . <i>Microbial Pathogenesis</i> , <b>2019</b> , 135, 103637	3.8	8
184	Effects of thymol supplementation on performance, mortality and branchial energetic metabolism in grass carp experimentally infected by <i>Aeromonas hydrophila</i> . <i>Microbial Pathogenesis</i> , <b>2020</b> , 139, 103915	3.8	8
183	Behavioral impairment and neurotoxic responses of silver catfish <i>Rhamdia quelen</i> exposed to organophosphate pesticide trichlorfon: Protective effects of diet containing rutin. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2021</b> , 239, 108871	3.2	8

182	Oxidative stress and changes in adenosine deaminase activity of cattle experimentally infected by <i>Fasciola hepatica</i> . <i>Parasitology</i> , <b>2017</b> , 144, 520-526	2.7	7
181	Inhibition of the mitochondrial respiratory chain in gills of <i>Rhamdia quelen</i> experimentally infected by <i>Pseudomonas aeruginosa</i> : Interplay with reactive oxygen species. <i>Microbial Pathogenesis</i> , <b>2017</b> , 107, 349-353	3.8	7
180	Nerolidol-loaded nanospheres prevent hepatic oxidative stress of mice infected by <i>Trypanosoma evansi</i> . <i>Parasitology</i> , <b>2017</b> , 144, 148-157	2.7	7
179	Plant essential oils against bacteria isolated from fish: an in vitro screening and in vivo efficacy of <i>Lippia origanoides</i> . <i>Ciencia Rural</i> , <b>2019</b> , 49,	1.3	7
178	Caffeine prevents hypoxia-induced dysfunction on branchial bioenergetics of Nile tilapia through phosphoryl transfer network. <i>Aquaculture</i> , <b>2019</b> , 502, 1-7	4.4	7
177	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> , <b>2019</b> , 71, 11-17	2.1	7
176	<i>Citrobacter freundii</i> impairs the phosphoryl transfer network in the gills of <i>Rhamdia quelen</i> : Impairment of bioenergetics homeostasis. <i>Microbial Pathogenesis</i> , <b>2018</b> , 117, 157-161	3.8	7
175	<i>Aeromonas caviae</i> inhibits hepatic enzymes of the phosphotransfer network in experimentally infected silver catfish: Impairment on bioenergetics. <i>Journal of Fish Diseases</i> , <b>2018</b> , 41, 469-474	2.6	7
174	Involvement of xanthine oxidase inhibition with the antioxidant property of nanoencapsulated <i>Melaleuca alternifolia</i> essential oil in fish experimentally infected with <i>Pseudomonas aeruginosa</i> . <i>Journal of Fish Diseases</i> , <b>2018</b> , 41, 791-796	2.6	7
173	Purinergic signaling as potential target of thiamethoxam-induced neurotoxicity using silver catfish ( <i>Rhamdia quelen</i> ) as experimental model. <i>Molecular and Cellular Biochemistry</i> , <b>2018</b> , 449, 39-45	4.2	7
172	Involvement of cholinergic and adenosinergic systems on the branchial immune response of experimentally infected silver catfish with <i>Streptococcus agalactiae</i> . <i>Journal of Fish Diseases</i> , <b>2018</b> , 41, 27-32	2.6	7
171	Changes on the activity of cholinesterase's in an immunomodulatory response of cattle infected by <i>Listeria monocytogenes</i> . <i>Microbial Pathogenesis</i> , <b>2018</b> , 114, 36-40	3.8	7
170	<i>Listeria monocytogenes</i> impairs enzymes of the phosphotransfer network and alters antioxidant/oxidant status in cattle brain structures. <i>Microbial Pathogenesis</i> , <b>2018</b> , 124, 284-290	3.8	7
169	Oxidative stress in dairy cows naturally infected with the lungworm <i>Dictyocaulus viviparus</i> (Nematoda: Trichostrongyloidea). <i>Journal of Helminthology</i> , <b>2017</b> , 91, 462-469	1.6	7
168	Adding palm oil to the diet of sheep alters fatty acids profile on yogurt: Benefits to consumers. <i>Anais Da Academia Brasileira De Ciencias</i> , <b>2017</b> , 89, 2471-2478	1.4	7
167	In vitro trypanocidal activity of macela ( <i>Achyrocline satureioides</i> ) extracts against <i>Trypanosoma evansi</i> . <i>Korean Journal of Parasitology</i> , <b>2014</b> , 52, 311-5	1.7	7
166	Benefits of thymol supplementation on performance, the hepatic antioxidant system, and energetic metabolism in grass carp. <i>Fish Physiology and Biochemistry</i> , <b>2020</b> , 46, 305-314	2.7	7
165	Diphenyl diselenide dietary supplementation alleviates behavior impairment and brain damage in grass carp ( <i>Ctenopharyngodon idella</i> ) exposed to methylmercury chloride. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2020</b> , 229, 108674	3.2	7



164	Oregano essential oil ( <i>Origanum vulgare</i> ) to feed laying hens and its effects on animal health. <i>Anais Da Academia Brasileira De Ciencias</i> , <b>2019</b> , 91, e20170901	1.4	7
163	Impairment of branchial energy transfer pathways in disease pathogenesis of <i>Providencia reitgeri</i> infection in juvenile Nile tilapia ( <i>Oreochromis niloticus</i> ): Remarkable involvement of creatine kinase activity. <i>Aquaculture</i> , <b>2019</b> , 502, 365-370	4.4	7
162	Involvement of purinergic signaling in the Amazon fish <i>Pterygoplichthys pardalis</i> subjected to handling stress: Relationship with immune response. <i>Aquaculture</i> , <b>2020</b> , 514, 734481	4.4	7
161	Dietary vegetable choline improves hepatic health of Nile tilapia ( <i>Oreochromis niloticus</i> ) fed aflatoxin-contaminated diet. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2020</b> , 227, 108614	3.2	7
160	Trypanocidal action of and essential oils against in vitro and in vivo used mice as experimental model. <i>Journal of Parasitic Diseases</i> , <b>2017</b> , 41, 345-351	1.3	6
159	<i>Achyrocline satureioides</i> essential oil loaded in nanocapsules ameliorate the antioxidant/oxidant status in heart of rats infected with <i>Trypanosoma evansi</i> . <i>Microbial Pathogenesis</i> , <b>2017</b> , 105, 30-36	3.8	6
158	Enzymes that hydrolyze adenine nucleotides in a model of hypercholesterolemia induced by Triton WR-1339: protective effects of $\beta$ -caryophyllene. <i>Molecular and Cellular Biochemistry</i> , <b>2017</b> , 434, 127-134	4.2	6
157	The use of tucumãbil ( <i>Astrocaryum vulgare</i> ) in alloxan-induced diabetic mice: effects on behavior, oxidant/antioxidant status, and enzymes involved in brain neurotransmission. <i>Molecular and Cellular Biochemistry</i> , <b>2017</b> , 436, 159-166	4.2	6
156	Treatment with 3'-deoxyadenosine and deoxycoformycin in mice infected by <i>Trypanosoma cruzi</i> and its side effect on purinergic enzymes. <i>Microbial Pathogenesis</i> , <b>2017</b> , 113, 51-56	3.8	6
155	Resveratrol and resveratrol-hydroxypropyl- $\beta$ -cyclodextrin complex recovered the changes of creatine kinase and Na <sup>+</sup> , K <sup>+</sup> -ATPase activities found in the spleen from streptozotocin-induced diabetic rats. <i>Anais Da Academia Brasileira De Ciencias</i> , <b>2019</b> , 91, e20181330	1.4	6
154	Intestinal injury caused by <i>Eimeria</i> spp. impairs the phosphotransfer network and gain weight in experimentally infected chicken chicks. <i>Parasitology Research</i> , <b>2019</b> , 118, 1573-1579	2.4	6
153	Vegetable biocholine supplementation in pre- and postpartum Lacaune sheep: Effects on animal health, milk production and quality. <i>Small Ruminant Research</i> , <b>2020</b> , 190, 106165	1.7	6
152	Dog food production using curcumin as antioxidant: effects of intake on animal growth, health and feed conservation. <i>Archives of Animal Nutrition</i> , <b>2020</b> , 74, 397-413	2.7	6
151	<i>Ichthyophthirius multifiliis</i> impairs splenic enzymes of the phosphoryl transfer network in naturally infected <i>Rhamdia quelen</i> : effects on energetic homeostasis. <i>Parasitology Research</i> , <b>2018</b> , 117, 413-418	2.4	6
150	Post-weaning piglets fed with different levels of fungal mycotoxins and spray-dried porcine plasma have improved weight gain, feed intake and reduced diarrhea incidence. <i>Microbial Pathogenesis</i> , <b>2018</b> , 117, 259-264	3.8	6
149	Involvement of oxidative stress, cholinergic and adenosinergic systems on renal damage caused by <i>Trypanosoma evansi</i> infection: Relationship with lipid peroxidation. <i>Microbial Pathogenesis</i> , <b>2016</b> , 99, 191-195	3.8	6
148	Combination of the essential oil constituents $\beta$ -pinene and $\beta$ -caryophyllene as a potentiator of trypanocidal action on <i>Trypanosoma evansi</i> . <i>Journal of Applied Biomedicine</i> , <b>2016</b> , 14, 265-272	0.6	6
147	Effect of lactation induction on milk production and composition, oxidative and antioxidant status, and biochemical variables. <i>Comparative Clinical Pathology</i> , <b>2016</b> , 25, 639-648	0.9	6

146	Oxidative stress mediated the inhibition of cerebral creatine kinase activity in silver catfish fed with aflatoxin B-contaminated diet. <i>Fish Physiology and Biochemistry</i> , <b>2019</b> , 45, 63-70	2.7	6
145	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> , <b>2014</b> , 74, 15-9	3.8	6
144	<i>Streptococcus agalactiae</i> impairs cerebral bioenergetics in experimentally infected silver catfish. <i>Microbial Pathogenesis</i> , <b>2017</b> , 111, 28-32	3.8	6
143	Effects of supplementation with spray-dried porcine plasma on blood variables on piglets feed with diet contaminated by mycotoxins. <i>Microbial Pathogenesis</i> , <b>2017</b> , 110, 464-470	3.8	6
142	A nanotechnology based new approach for <i>Trypanosoma evansi</i> chemotherapy: In vitro and vivo trypanocidal effect of (-)-Ebisabolol. <i>Experimental Parasitology</i> , <b>2016</b> , 170, 156-160	2.1	6
141	Homeopathic treatment as an alternative prophylactic to minimize bacterial infection and prevent neonatal diarrhea in calves. <i>Microbial Pathogenesis</i> , <b>2018</b> , 114, 95-98	3.8	6
140	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> , <b>2018</b> , 114, 328-332	3.8	6
139	Chagas disease: modulation of the inflammatory response by acetylcholinesterase in hematological cells and brain tissue. <i>Molecular and Cellular Biochemistry</i> , <b>2018</b> , 438, 59-65	4.2	6
138	Nanoencapsulated <i>Melaleuca alternifolia</i> essential oil exerts anesthetic effects in the brachyuran crab using <i>Neohelice granulata</i> . <i>Anais Da Academia Brasileira De Ciencias</i> , <b>2018</b> , 90, 2855-2864	1.4	6
137	Metaphylactic effect of minerals on immunological and antioxidant responses, weight gain and minimization of coccidiosis of newborn lambs. <i>Research in Veterinary Science</i> , <b>2018</b> , 121, 46-52	2.5	6
136	Xanthine oxidase activity exerts pro-oxidative and pro-inflammatory effects in serum of silver catfish fed with a diet contaminated with aflatoxin B. <i>Journal of Fish Diseases</i> , <b>2018</b> , 41, 1153-1158	2.6	6
135	Combination of diminazene aceturate and resveratrol reduces the toxic effects of chemotherapy in treating <i>Trypanosoma evansi</i> infection. <i>Comparative Clinical Pathology</i> , <b>2016</b> , 25, 137-144	0.9	5
134	Supplementation with copper edetate in control of <i>Haemonchus contortus</i> of sheep, and its effect on cholinesterase's and superoxide dismutase activities. <i>Experimental Parasitology</i> , <b>2017</b> , 173, 34-41	2.1	5
133	Activities of ectonucleotidases and adenosine deaminase in platelets of cattle experimentally infected by <i>Fasciola hepatica</i> . <i>Experimental Parasitology</i> , <b>2017</b> , 176, 16-20	2.1	5
132	Supplementation with a blend based on micro-encapsulated carvacrol, thymol, and cinnamaldehyde in lambs feed inhibits immune cells and improves growth performance. <i>Livestock Science</i> , <b>2020</b> , 240, 1041-44	1.7	5
131	Benefits of nanotechnology: Dietary supplementation with nerolidol-loaded nanospheres increases survival rates, reduces bacterial loads and prevents oxidative damage in brains of Nile tilapia experimentally infected by <i>Streptococcus agalactiae</i> . <i>Microbial Pathogenesis</i> , <b>2020</b> , 141, 103989	3.8	5
130	Tea tree oil attenuates cerebral damage in silver catfish ( <i>Rhamdia quelen</i> ) fed with an aflatoxin-contaminated diet. <i>Aquaculture</i> , <b>2020</b> , 523, 735223	4.4	5
129	<i>Streptococcus agalactiae</i> alters cerebral enzymes of phosphoryl transfer network in experimentally infected silver catfish: Impairment on brain energy homeostasis. <i>Aquaculture</i> , <b>2018</b> , 489, 105-109	4.4	5

128	Immune response of a commercial vaccine against <i>Leptospira interrogans</i> : Antibodies and cytokine levels. <i>Microbial Pathogenesis</i> , <b>2018</b> , 114, 46-49	3.8	5
127	<i>Melaleuca alternifolia</i> essential oil prevents bioenergetics dysfunction in spleen of silver catfish naturally infected with <i>Ichthyophthirius multifiliis</i> . <i>Microbial Pathogenesis</i> , <b>2018</b> , 123, 47-51	3.8	5
126	Effect of zinc supplementation on ecto-adenosine deaminase activity in lambs infected by <i>Haemonchus contortus</i> : highlights on acute phase of disease. <i>Experimental Parasitology</i> , <b>2015</b> , 151-152, 34-8	2.1	5
125	Effects of tannin-containing diets on performance, gut disease control and health in broiler chicks. <i>Animal Production Science</i> , <b>2019</b> , 59, 1847	1.4	5
124	Addition of yellow strawberry guava leaf extract in the diet of laying hens had antimicrobial and antioxidant effect capable of improving egg quality. <i>Biocatalysis and Agricultural Biotechnology</i> , <b>2020</b> , 29, 101788	4.2	5
123	Amyloid- $\beta$ peptide absence in short term effects on kinase activity of energy metabolism in mice hippocampus and cerebral cortex. <i>Anais Da Academia Brasileira De Ciencias</i> , <b>2016</b> , 88, 1829-1840	1.4	5
122	Phosphatidylcholine in diets of juvenile Nile tilapia in a biofloc technology system: Effects on performance, energy metabolism and the antioxidant system. <i>Aquaculture</i> , <b>2020</b> , 515, 734574	4.4	5
121	Purinergic system displays an anti-inflammatory profile in serum of silver catfish experimentally infected with <i>Streptococcus agalactiae</i> : An attempt to ameliorate the inflammatory response. <i>Microbial Pathogenesis</i> , <b>2018</b> , 114, 193-196	3.8	5
120	Tissue oxidative damage mediates impairment on phosphotransfer network during thymol intake: Effects on hepatic and renal bioenergetics. <i>Chemico-Biological Interactions</i> , <b>2018</b> , 296, 83-88	5	5
119	Cytotoxic and genotoxic effects of the trypanocidal drug diminazene aceturate. <i>Comparative Clinical Pathology</i> , <b>2017</b> , 26, 219-227	0.9	4
118	Stimulation of splenic and lymphocytic acetylcholinesterase and adenosine deaminase activities in <i>Rhamdia quelen</i> experimentally infected with <i>Pseudomonas aeruginosa</i> : Impairment of immune system. <i>Aquaculture</i> , <b>2017</b> , 473, 417-422	4.4	4
117	Impacts of the supplementation of a $\beta$ i lump flour in the diet of laying hens on productive performance, and fatty acid profiles and antioxidant capacity in the fresh and stocked eggs. <i>Journal of Food Biochemistry</i> , <b>2019</b> , 43, e13022	3.3	4
116	Impairment of the phosphotransfer network and performance in broiler chickens experimentally infected by <i>Eimeria</i> spp.: The role of the oxidative stress. <i>Parasitology International</i> , <b>2019</b> , 70, 16-22	2.1	4
115	Selenomethionine as a dietary supplement for laying hens: Impacts on lipid peroxidation and antioxidant capacity in fresh and stored eggs. <i>Journal of Food Biochemistry</i> , <b>2019</b> , 43, e12957	3.3	4
114	Exposure to methylmercury chloride inhibits mitochondrial electron transport chain and phosphotransfer network in liver and gills of grass carp: Protective effects of diphenyl diselenide dietary supplementation as an alternative strategy for mercury toxicity. <i>Aquaculture</i> , <b>2019</b> , 509, 85-95	4.4	4
113	Impact of colibacillosis on production in laying hens associated with interference of the phosphotransfer network and oxidative stress. <i>Microbial Pathogenesis</i> , <b>2019</b> , 130, 131-136	3.8	4
112	Diphenyl diselenide-loaded nanocapsules in silver catfish feed enhance growth, improve muscle antioxidant/oxidant status and increase selenium deposition: Advantages of nanotechnology for fish health. <i>Aquaculture Research</i> , <b>2020</b> , 51, 4196-4205	1.9	4
111	Purinergic signaling modulates the cerebral inflammatory response in experimentally infected fish with <i>Streptococcus agalactiae</i> : an attempt to improve the immune response. <i>Molecular and Cellular Biochemistry</i> , <b>2018</b> , 443, 131-138	4.2	4

110	Relation between iron metabolism and antioxidants enzymes and $\beta$ ALA-D activity in rats experimentally infected by <i>Fasciola hepatica</i> . <i>Experimental Parasitology</i> , <b>2016</b> , 165, 58-63	2.1	4
109	Hepatic and seric levels of purines in rats experimentally infected by <i>Fasciola hepatica</i> . <i>Parasitology Research</i> , <b>2016</b> , 115, 2363-9	2.4	4
108	Diphenyl diselenide subcutaneous supplementation of dairy sheep: effects on oxidant and antioxidant status, inflammatory response and milk composition. <i>Animal Production Science</i> , <b>2019</b> , 59, 461	1.4	4
107	Toxic effect of essential oils ( <i>Copaifera</i> spp) in the treatment of mice experimentally infected with <i>Trypanosoma evansi</i> . <i>Biomedicine and Preventive Nutrition</i> , <b>2014</b> , 4, 319-324		4
106	Involvement of xanthine oxidase activity with oxidative and inflammatory renal damage in silver catfish experimentally infected with <i>Streptococcus agalactiae</i> : Interplay with reactive oxygen species and nitric oxide. <i>Microbial Pathogenesis</i> , <b>2017</b> , 111, 1-5	3.8	4
105	Oxidative stress in dairy cows seropositives for <i>Neospora caninum</i> . <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , <b>2017</b> , 54, 34-37	2.6	4
104	Pathogenetic effects of feed intake containing of fumonisin ( <i>Fusarium verticillioides</i> ) in early broiler chicks and consequences on weight gain. <i>Microbial Pathogenesis</i> , <b>2020</b> , 147, 104247	3.8	4
103	Bioprospection of novel synthetic monocurcuminoids: Antioxidant, antimicrobial, and in vitro cytotoxic activities. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 133, 111052	7.5	4
102	Insecticidal effect of several essential oils against <i>Musca domestica</i> . <i>Comparative Clinical Pathology</i> , <b>2018</b> , 27, 167-172	0.9	4
101	Mineralization in newborn calves contributes to health, improve the antioxidant system and reduces bacterial infections. <i>Microbial Pathogenesis</i> , <b>2018</b> , 114, 344-349	3.8	4
100	Spray-dried porcine plasma added to diets contaminated with aflatoxins and fumonisins shows beneficial effects to piglet health. <i>Anais Da Academia Brasileira De Ciencias</i> , <b>2018</b> , 90, 3115-3128	1.4	4
99	Monoterpene alpha-terpinene induced hepatic oxidative, cytotoxic and genotoxic damage is associated to caspase activation in rats. <i>Journal of Applied Biomedicine</i> , <b>2017</b> , 15, 187-195	0.6	3
98	Xanthine oxidase activity affects pro-oxidative and pro-inflammatory profiles in spleen of silver catfish experimentally infected with <i>Aeromonas caviae</i> . <i>Microbial Pathogenesis</i> , <b>2017</b> , 113, 25-28	3.8	3
97	Nutraceutical Effect of Trace Elements as Additional Injectable Doses to Modulate Oxidant and Antioxidant Status, and Improves the Quality of Lamb Meat. <i>Biological Trace Element Research</i> , <b>2019</b> , 191, 115-125	4.5	3
96	Purinergic signaling displays a pro-inflammatory profile in lymphoid immune organs of <i>Oreochromis niloticus</i> experimentally infected by <i>Providencia rettgeri</i> : The role of pathophysiology. <i>Aquaculture</i> , <b>2019</b> , 510, 176-181	4.4	3
95	Cordycepin (3'-deoxyadenosine) and pentostatin (deoxycoformycin) against <i>Trypanosoma cruzi</i> . <i>Experimental Parasitology</i> , <b>2019</b> , 199, 47-51	2.1	3
94	Grape pomace flour ameliorates <i>Pseudomonas aeruginosa</i> -induced bioenergetic dysfunction in gills of grass carp. <i>Aquaculture</i> , <b>2019</b> , 506, 359-366	4.4	3
93	Grape pomace flour alleviates <i>Pseudomonas aeruginosa</i> -induced hepatic oxidative stress in grass carp by improving antioxidant defense. <i>Microbial Pathogenesis</i> , <b>2019</b> , 129, 271-276	3.8	3

92	Dietary ochratoxin A (OTA) decreases growth performance and impairs muscle antioxidant system and meat fatty acid profiles in juvenile tambaqui ( <i>Colossoma macropomum</i> ). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2020</b> , 236, 108803	3.2	3
91	Disturbance of oxidant/antioxidant status and impairment on fillet fatty acid profiles in <i>Brycon amazonicus</i> subjected to acute heat stress. <i>Fish Physiology and Biochemistry</i> , <b>2020</b> , 46, 1857-1866	2.7	3
90	Purine levels and purinergic signaling in plasma and spleen of <i>Brycon amazonicus</i> exposed to acute heat thermal stress: An attempt to regulate the immune response. <i>Journal of Thermal Biology</i> , <b>2020</b> , 89, 102569	2.9	3
89	Nanospheres as a technological alternative to suppress hepatic cellular damage and impaired bioenergetics caused by nerolidol in Nile tilapia ( <i>Oreochromis niloticus</i> ). <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2020</b> , 393, 751-759	3.4	3
88	Protective effect of nerolidol-loaded in nanospheres against cerebral damage caused by <i>Trypanosoma evansi</i> . <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2018</b> , 391, 753-759	3.4	3
87	Effect of supplementation of newborn piglets with spray dry blood plasma on weight gain and serum biochemical variables. <i>Comparative Clinical Pathology</i> , <b>2016</b> , 25, 1029-1033	0.9	3
86	<i>Toxoplasma gondii</i> : Effects of diphenyl diselenide in experimental toxoplasmosis on biomarkers of cardiac function. <i>Experimental Parasitology</i> , <b>2016</b> , 167, 25-31	2.1	3
85	Creatine kinase and ATPase activities in piglets fed a fungal mycotoxin co-contaminated diet: Consequences in the pathogenesis of subclinical intoxication. <i>Microbial Pathogenesis</i> , <b>2018</b> , 122, 13-18	3.8	3
84	Purinergic system as a potential target for inflammation and toxicity induced by thymol in immune cells and tissues. <i>Molecular and Cellular Biochemistry</i> , <b>2019</b> , 452, 105-110	4.2	3
83	Purinergic signaling creates an anti-inflammatory profile in spleens of grass carp <i>Ctenopharyngodon idella</i> naturally infected by <i>Saprolegnia parasitica</i> : An attempt to prevent ATP pro-inflammatory effects. <i>Microbial Pathogenesis</i> , <b>2019</b> , 135, 103649	3.8	3
82	Effects of iron supplementation on blood adenine deaminase activity and oxidative stress in <i>Trypanosoma evansi</i> infection of rats. <i>Experimental Parasitology</i> , <b>2014</b> , 147, 1-6	2.1	3
81	In vitro and in vivo trypanocidal action of aescin and aescin liposomes against <i>Trypanosoma evansi</i> in experimental mice. <i>Asian Pacific Journal of Tropical Biomedicine</i> , <b>2014</b> , 4, 947-951	1.4	3
80	Using of essential oils in the treatment of mice infected with <i>Trypanosoma evansi</i> . <i>Revista MVZ Cordoba</i> , 4109-4115		3
79	Oxidative Stress in the Heart of Rats Infected with <i>Trypanosoma evansi</i> . <i>Korean Journal of Parasitology</i> , <b>2016</b> , 54, 247-52	1.7	3
78	Curcumin supplementation positively modulates fatty acid profiles in lamb meat. <i>Small Ruminant Research</i> , <b>2020</b> , 190, 106141	1.7	3
77	Diphenyl diselenide modulates splenic purinergic signaling in silver catfish fed diets contaminated with fumonisin B: An attempt to improve immune and hemostatic responses. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2020</b> , 227, 108624	3.2	3
76	Branchial bioenergetics dysfunction as a relevant pathophysiological mechanism in freshwater silver catfish ( <i>Rhamdia quelen</i> ) experimentally infected with <i>Flavobacterium columnare</i> . <i>Microbial Pathogenesis</i> , <b>2020</b> , 138, 103817	3.8	3
75	Involvement of the phosphoryl transfer network in gill bioenergetic imbalance of pacamã ( <i>Lophiosilurus alexandri</i> ) subjected to hypoxia: notable participation of creatine kinase. <i>Fish Physiology and Biochemistry</i> , <b>2020</b> , 46, 405-416	2.7	3



74	Protective effects of diet containing rutin against trichlorfon-induced muscle bioenergetics disruption and impairment on fatty acid profile of silver catfish <i>Rhamdia quelen</i> . <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 205, 111127	7	3
73	Modulation of acetylcholinesterase activity exerts anti-inflammatory effect in spleen and immune cells of fish fed with a diet contaminated by aflatoxin B1. <i>Aquaculture</i> , <b>2019</b> , 502, 8-11	4.4	3
72	A prophylactic protocol to stimulate the immune response also controls infectious disease and, consequently, minimizes diarrhea in newborn heifers. <i>Microbial Pathogenesis</i> , <b>2018</b> , 121, 262-268	3.8	3
71	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> , <b>2018</b> , 102, 910-916	2.6	3
70	Ectonucleotidase and adenosine deaminase as inflammatory marker in dairy cows naturally infected by <i>Dictyocaulus viviparus</i> . <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , <b>2017</b> , 51, 9-13	2.6	2
69	Caffeine supplementation in diet mitigates <i>Aeromonas hydrophila</i> -induced impairment of the gill phosphotransfer network in grass carp <i>Ctenopharyngodon idella</i> . <i>Microbial Pathogenesis</i> , <b>2019</b> , 136, 103710	3.8	2
68	Relation of reproductive disturbance in sheep and <i>Leptospira interrogans</i> serovar Icterohaemorrhagiae infection: Impacts on cellular oxidation status. <i>Microbial Pathogenesis</i> , <b>2019</b> , 130, 65-70	3.8	2
67	Effects of yucca extract and organic chromium on growth performance and health of lactating lambs. <i>Small Ruminant Research</i> , <b>2020</b> , 191, 106172	1.7	2
66	Diphenyl diselenide dietary supplementation protects against fumonisin B-induced oxidative stress in brains of the silver catfish <i>Rhamdia quelen</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2020</b> , 231, 108738	3.2	2
65	Purinergic signaling and gene expression of purinoceptors in the head kidney of the silver catfish <i>Rhamdia quelen</i> experimentally infected by <i>Flavobacterium columnare</i> . <i>Microbial Pathogenesis</i> , <b>2020</b> , 142, 104070	3.8	2
64	The Protective Effects of an Adsorbent against Oxidative Stress in Quails Fed Aflatoxin-Contaminated Diet. <i>Acta Scientiae Veterinariae</i> , <b>2017</b> , 45, 7	1.1	2
63	Feline Toxoplasmosis: Tumor Necrosis Factor, Nitric Oxide, and Free Radicals in Seropositive Cats. <i>Journal of Parasitology</i> , <b>2018</b> , 104, 86-88	0.9	2
62	Ecto-enzymes activities in splenic lymphocytes of mice experimentally infected by <i>Trypanosoma cruzi</i> and treated with specific avian immunoglobulins: an attempt to improve the immune response. <i>Molecular and Cellular Biochemistry</i> , <b>2018</b> , 448, 9-15	4.2	2
61	<i>Aeromonas caviae</i> alters the activities of ecto-enzymes that hydrolyze adenine nucleotides in fish thrombocytes. <i>Microbial Pathogenesis</i> , <b>2018</b> , 115, 64-67	3.8	2
60	Cholinergic and adenosinergic systems exert a pro-inflammatory profile in peripheral and splenic lymphocytes of <i>Rhamdia quelen</i> experimentally infected by <i>Aeromonas caviae</i> . <i>Aquaculture</i> , <b>2018</b> , 482, 162-166	4.4	2
59	Blood-brain barrier breakdown, memory impairment and neurotoxicity caused in mice submitted to orally treatment with thymol. <i>Environmental Toxicology and Pharmacology</i> , <b>2018</b> , 62, 114-119	5.8	2
58	Cholinesterase as an inflammatory marker of subclinical infection of dairy cows infected by <i>Neospora caninum</i> and risk factors for disease. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , <b>2019</b> , 66, 101330	2.6	2
57	Topical hydrogel containing <i>Achyrocline satureioides</i> oily extract (free and nanocapsule) has anti-inflammatory effects and thereby minimizes irritant contact dermatitis. <i>Anais Da Academia Brasileira De Ciencias</i> , <b>2020</b> , 92, e20191066	1.4	2



56	Evaluation of the safety of tucumbil nanocapsules in an experimental model of silver catfish. <i>Natural Product Research</i> , <b>2020</b> , 1-5	2.3	2
55	Acute exposure to environmentally relevant concentrations of copper affects branchial and hepatic phosphoryl transfer network of <i>Cichlasoma amazonarum</i> : Impacts on bioenergetics homeostasis. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2020</b> , 238, 108846	3.2	2
54	Dietary exposure to ochratoxin A reduces growth performance and impairs hepatic purinergic signaling in tambaqui ( <i>Colossoma macropomum</i> ). <i>Fish Physiology and Biochemistry</i> , <b>2020</b> , 46, 2055-2064	2.7	2
53	Consequences of oxidative damage on the fatty acid profile in muscle of <i>Cichlasoma amazonarum</i> acutely exposed to copper. <i>Fish Physiology and Biochemistry</i> , <b>2020</b> , 46, 2377-2387	2.7	2
52	RESVERATROL INCLUSION COMPLEX WITH βCYCLODEXTRIN (RCD): CHARACTERIZATION AND EVALUATION OF TOXICITY IN WISTAR RATS. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , <b>2016</b> , 9, 27	0.3	2
51	Involvement of the phosphoryl transfer network on cardiac energetic metabolism during <i>Staphylococcus aureus</i> infection and its association to disease pathophysiology. <i>Microbial Pathogenesis</i> , <b>2019</b> , 126, 318-322	3.8	2
50	Tucumbil ( <i>Astrocaryum vulgare</i> ) ameliorates hepatic antioxidant defense system in alloxan-induced diabetic mice. <i>Journal of Food Biochemistry</i> , <b>2018</b> , 42, e12468	3.3	2
49	Low Dose of Nanocapsules Containing Eucalyptus Oil Has Beneficial Repellent Effect Against Horn Fly (Diptera: Muscidae). <i>Journal of Economic Entomology</i> , <b>2018</b> , 111, 2983-2987	2.2	2
48	Hematological and biochemical disturbances caused by <i>Brucella ovis</i> infection using an experimental model. <i>Comparative Clinical Pathology</i> , <b>2018</b> , 27, 1523-1530	0.9	2
47	Protective effects of silymarin in broiler feed contaminated by mycotoxins: growth performance, meat antioxidant status, and fatty acid profiles. <i>Tropical Animal Health and Production</i> , <b>2021</b> , 53, 442	1.7	2
46	Vertical transmission of <i>Trypanosoma evansi</i> in experimentally infected rats. <i>Experimental Parasitology</i> , <b>2017</b> , 174, 42-44	2.1	1
45	Biochemical changes in Curimatá subjected to transport stress and exposed to an agricultural fair. <i>Comparative Clinical Pathology</i> , <b>2019</b> , 28, 761-766	0.9	1
44	Dietary limon Citrus <i>Latifolia</i> fruit peel essential oil improves antioxidant capacity of tambaqui ( <i>Colossoma macropomum</i> ) juveniles. <i>Aquaculture Research</i> , <b>2020</b> , 51, 4852-4862	1.9	1
43	Curcumin addition in diet of laying hens under cold stress has antioxidant and antimicrobial effects and improves bird health and egg quality. <i>Journal of Thermal Biology</i> , <b>2020</b> , 91, 102618	2.9	1
42	Intake of snacks containing curcumin stimulates erythropoiesis and antioxidant response in dogs. <i>Comparative Clinical Pathology</i> , <b>2020</b> , 29, 855-863	0.9	1
41	Effects of soybean oil replacement by ahi oil in laying hen diets on fatty acid profile and egg quality. <i>Animal Feed Science and Technology</i> , <b>2020</b> , 263, 114452	3	1
40	Adapted Bailenger method improves the rate of <i>Ascaris suum</i> eggs recovery from liquid pig manure compost. <i>Ciencia Rural</i> , <b>2017</b> , 47,	1.3	1
39	Purinergic signaling modulates the splenic inflammatory response in silver catfish naturally infected with <i>Ichthyophthirius multifiliis</i> . <i>Parasitology Research</i> , <b>2018</b> , 117, 1169-1173	2.4	1

38	Nucleotide and nucleoside involvement in immunomodulation in experimental Chagas disease. <i>Molecular and Cellular Biochemistry</i> , <b>2018</b> , 447, 203-208	4.2	1
37	Experimental infection of cattle with <i>Listeria monocytogenes</i> : Participation of purinergic metabolism in disease pathogenesis. <i>Microbial Pathogenesis</i> , <b>2018</b> , 122, 25-29	3.8	1
36	Effects of oral administration of copper capsules on helminth control in lactating dairy sheep: An effective alternative to replace conventional antiparasitics during lactation. <i>Experimental Parasitology</i> , <b>2019</b> , 205, 107735	2.1	1
35	Copper oxide and closantel prevent alterations in hepatic energetic metabolism and reduce inflammation in <i>Haemonchus contortus</i> infection. <i>Experimental Parasitology</i> , <b>2019</b> , 204, 107726	2.1	1
34	Relation between acetylcholinesterase and Na, K-ATPase activities with impaired memory of mice experimentally infected by <i>Trypanosoma cruzi</i> . <i>Microbial Pathogenesis</i> , <b>2017</b> , 111, 75-80	3.8	1
33	Oxidative Stress and Changes on the Adenosinergic System of Cats Infected by Feline Leukemia Virus (FeLV). <i>Acta Scientiae Veterinariae</i> , <b>2017</b> , 45, 5	1.1	1
32	Blood gas analyses and other components involved in the acid-base metabolism of rats infected by <i>Trypanosoma evansi</i> . <i>Journal of Advanced Research</i> , <b>2015</b> , 6, 1079-82	13	1
31	Effect of curcumin dietary supplementation on growth performance, physiology, carcass characteristics and meat quality in lambs. <i>Annals of Animal Science</i> , <b>2020</b> ,	2	1
30	Oxidative stress in liver of grass carp <i>Ctenopharyngodon idella</i> naturally infected with <i>Saprolegnia parasitica</i> and its influence on disease pathogenesis. <i>Comparative Clinical Pathology</i> , <b>2020</b> , 29, 581-586	0.9	1
29	Experimental infection by <i>Neospora caninum</i> in gerbil reduces activity of enzymes involved in energy metabolism. <i>Experimental Parasitology</i> , <b>2020</b> , 208, 107790	2.1	1
28	Use of schizochytrium spp. microalgae in suckling Holstein calves at different periods after birth. <i>Livestock Science</i> , <b>2021</b> , 245, 104424	1.7	1
27	Involvement of purinergic system and electron transport chain in two species of cichlids from the Amazon basin exposed to hypoxia. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2021</b> , 255, 110918	2.6	1
26	Increased in cyclooxygenase-2 immunoreactivity and DNA damage in hippocampus of rats infected by <i>Trypanosoma evansi</i> . <i>Comparative Clinical Pathology</i> , <b>2016</b> , 25, 585-591	0.9	1
25	Dietary supplementation with nerolidol improves the antioxidant capacity and muscle fatty acid profile of <i>Brycon amazonicus</i> exposed to acute heat stress. <i>Journal of Thermal Biology</i> , <b>2021</b> , 99, 103003 <sup>2.9</sup>	2.9	1
24	Microencapsulated phytogenic in dog feed modulates immune responses, oxidative status and reduces bacterial ( <i>Salmonella</i> and <i>Escherichia coli</i> ) counts in feces. <i>Microbial Pathogenesis</i> , <b>2021</b> , 159, 105113	3.8	1
23	Nitric oxide levels in brain, liver, and gills of silver catfish ( <i>Rhamdia quelen</i> ) exposed to the antiparasitic eprinomectin. <i>Fish Physiology and Biochemistry</i> , <b>2020</b> , 46, 1867-1872	2.7	0
22	<i>Saprolegnia parasitica</i> impairs branchial phosphoryl transfer network in naturally infected grass carp ( <i>Ctenopharyngodon idella</i> ): prejudice on bioenergetic homeostasis. <i>Aquaculture International</i> , <b>2019</b> , 27, 1643-1654	2.6	0
21	Effects of the inclusion of aβi oil in diet of prepartum Holstein cows on milk production, somatic cell counts and future lactation. <i>Anais Da Academia Brasileira De Ciencias</i> , <b>2020</b> , 92, e20200149	1.4	0

20	Participation of phosphoryl transfer network on branchial energetic imbalance of matrinxã ( <i>Brycon amazonicus</i> ) exposed to air: Notable involvement of creatine kinase. <i>Aquaculture</i> , <b>2020</b> , 518, 734863	4.4	○
19	Dietary supplementation with curcumin-loaded nanocapsules in lambs: Nanotechnology as a new tool for nutrition. <i>Animal Nutrition</i> , <b>2021</b> , 7, 521-529	4.8	○
18	Changes in cardiac and hepatic energetic metabolism in gerbils infected by <i>Listeria monocytogenes</i> . <i>Microbial Pathogenesis</i> , <b>2020</b> , 138, 103786	3.8	○
17	The effects of aβBil addition in tilapia diets on performance, hepatic energy metabolism enzymes and antioxidant responses. <i>Aquaculture Research</i> , <b>2021</b> , 52, 395-402	1.9	○
16	Efecto insecticida y repelente del aceite de canela sobre moscas asociadas con el ganado. <i>Revista MVZ Cordoba</i> , <b>2018</b> , 6628-6636		○
15	Addition of tea tree oil ( <i>Melaleuca alternifolia</i> ) in diet minimize biochemical disturbances in silver catfish <i>Rhamdia quelen</i> exposed to the antiparasitic amitraz. <i>Aquaculture</i> , <b>2021</b> , 543, 736954	4.4	○
14	Vegetable choline in feed for Nile tilapia ( <i>Oreochromis niloticus</i> ) raised in a biofloc technology system (BFT): Biofloc composition, chemical composition, and fatty acid profiles in meat. <i>Aquaculture</i> , <b>2021</b> , 545, 737174	4.4	○
13	Use of homeopathic product to prevent ketosis in the dairy sheep during the transition period. <i>Comparative Clinical Pathology</i> , <b>2017</b> , 26, 535-541	0.9	
12	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> , <b>2017</b> , 99, 966-974	1.4	
11	Monepantel in the control of <i>Haemonchus</i> spp. and <i>Trichostrongylus</i> spp. and possible side effects of treatment in naturally infected sheep. <i>Comparative Clinical Pathology</i> , <b>2017</b> , 26, 1069-1073	0.9	
10	Cholinesterase activities in cows supplemented with selenium, copper, phosphorus, potassium, and magnesium intramuscularly during the transition period. <i>Comparative Clinical Pathology</i> , <b>2017</b> , 26, 575-579	0.9	
9	Changes in the cardiac phosphotransfer network associated with oxidative stress in experimentally infected <i>Brucella ovis</i> mice. <i>Comparative Clinical Pathology</i> , <b>2019</b> , 28, 1345-1349	0.9	
8	Nutraceutical effect of minerals on performance, immunity, and antioxidant system of suckling piglets. <i>Comparative Clinical Pathology</i> , <b>2019</b> , 28, 1707-1715	0.9	
7	Metaphylactic effect of calcium on milk composition and animal health in post-partum dairy cows. <i>Anais Da Academia Brasileira De Ciencias</i> , <b>2019</b> , 91, e20180589	1.4	
6	Health benefits of subcutaneous zinc edetate and diphenyl diselenide in calves during the weaning period. <i>Anais Da Academia Brasileira De Ciencias</i> , <b>2019</b> , 91, e20171042	1.4	
5	The addition of green propolis to laying hens had positive effects on egg quality: lower bacteria counts in the shell and lipid peroxidation in the yolk. <i>Anais Da Academia Brasileira De Ciencias</i> , <b>2021</b> , 93, e20210315	1.4	
4	Positive effects of biocholine powder dietary supplementation on milk production and quality, and antioxidant responses in lactating ewes: A new nutritional tool. <i>Heliyon</i> , <b>2021</b> , 7, e06732	3.6	
3	Protective role of rutin dietary supplementation mediated by purinergic signaling in spleen of silver catfish <i>Rhamdia quelen</i> exposed to organophosphate pesticide trichlorfon. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2021</b> , 244, 109006	3.2	

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- 1      Caffeine modulates brain purinergic signaling in Nile tilapia (*Oreochromis niloticus*) under hypoxia conditions: improvement of immune and inflammatory responses. *Fish Physiology and Biochemistry*, **2019**, 45, 551-560      2.7