Matheus D Baldissera

List of Publications by Year in Descending Order

289 papers	2,504 citations	23 h-index	30 g-index
299 ext. papers	3,151 ext. citations	3 avg, IF	5.21 L-index

#	Paper	IF	Citations
289	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. *Anais Da Academia Brasileira De Ciencias*, **2021**, 93, e20210315	1.4	
288	Use of schizochytrium spp. microalgae in suckling Holstein calves at different periods after birth. *Livestock Science*, **2021**, 245, 104424	1.7	1
287	Positive effects of biocholine powder dietary supplementation on milk production and quality, and antioxidant responses in lactating ewes: A new nutritional tool. *Heliyon*, **2021**, 7, e06732	3.6	
286	Involvement of purinergic system and electron transport chain in two species of cichlids from the Amazon basin exposed to hypoxia. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2021**, 255, 110918	2.6	1
285	Protective role of rutin dietary supplementation mediated by purinergic signaling in spleen of silver catfish Rhamdia quelen exposed to organophosphate pesticide trichlorfon. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2021**, 244, 109006	3.2	
284	Dietary supplementation with curcumin-loaded nanocapsules in lambs: Nanotechnology as a new tool for nutrition. *Animal Nutrition*, **2021**, 7, 521-529	4.8	0
283	Behavioral impairment and neurotoxic responses of silver catfish Rhamdia quelen exposed to organophosphate pesticide trichlorfon: Protective effects of diet containing rutin. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2021**, 239, 108871	3.2	8
282	The effects of a□□bil addition in tilapia diets on performance, hepatic energy metabolism enzymes and antioxidant responses. *Aquaculture Research*, **2021**, 52, 395-402	1.9	0
281	Bioprospection of novel synthetic monocurcuminoids: Antioxidant, antimicrobial, and in vitro cytotoxic activities. *Biomedicine and Pharmacotherapy*, **2021**, 133, 111052	7.5	4
280	Dietary supplementation with nerolidol improves the antioxidant capacity and muscle fatty acid profile of Brycon amazonicus exposed to acute heat stress. *Journal of Thermal Biology*, **2021**, 99, 103003	2.9	1
279	Protective effects of silymarin in broiler feed contaminated by mycotoxins: growth performance, meat antioxidant status, and fatty acid profiles. *Tropical Animal Health and Production*, **2021**, 53, 442	1.7	2
278	Addition of tea tree oil (Melaleuca alternifolia) in diet minimize biochemical disturbances in silver catfish Rhamdia quelen exposed to the antiparasitic amitraz. *Aquaculture*, **2021**, 543, 736954	4.4	0
277	Microencapsulated phytogenic in dog feed modulates immune responses, oxidative status and reduces bacterial (Salmonella and Escherichia coli) counts in feces. *Microbial Pathogenesis*, **2021**, 159, 105113	3.8	1
276	Vegetable choline in feed for Nile tilapia (Oreochromis niloticus) raised in a biofloc technology system (BFT): Biofloc composition, chemical composition, and fatty acid profiles in meat. *Aquaculture*, **2021**, 545, 737174	4.4	0
275	Dietary limon Citrus □latifolia fruit peel essential oil improves antioxidant capacity of tambaqui (Colossoma macropomum) juveniles. *Aquaculture Research*, **2020**, 51, 4852-4862	1.9	1
274	Dietary ochratoxin A (OTA) decreases growth performance and impairs muscle antioxidant system and meat fatty acid profiles in juvenile tambaqui (Colossoma macropomum). *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2020**, 236, 108803	3.2	3
273	Curcumin addition in diet of laying hens under cold stress has antioxidant and antimicrobial effects and improves bird health and egg quality. *Journal of Thermal Biology*, **2020**, 91, 102618	2.9	1

272	Disturbance of oxidant/antioxidant status and impairment on fillet fatty acid profiles in Brycon amazonicus subjected to acute heat stress. *Fish Physiology and Biochemistry*, **2020**, 46, 1857-1866	2.7	3
271	Supplementation with a blend based on micro-encapsulated carvacrol, thymol, and cinnamaldehyde in lambs feed inhibits immune cells and improves growth performance. *Livestock Science*, **2020**, 240, 104144	1.7	5
270	Nitric oxide levels in brain, liver, and gills of silver catfish (Rhamdia quelen) exposed to the antiparasitic eprinomectin. *Fish Physiology and Biochemistry*, **2020**, 46, 1867-1872	2.7	0
269	Intake of snacks containing curcumin stimulates erythropoiesis and antioxidant response in dogs. *Comparative Clinical Pathology*, **2020**, 29, 855-863	0.9	1
268	Effects of yucca extract and organic chromium on growth performance and health of lactating lambs. *Small Ruminant Research*, **2020**, 191, 106172	1.7	2
267	Effects of soybean oil replacement by a□i oil in laying hen diets on fatty acid profile and egg quality. *Animal Feed Science and Technology*, **2020**, 263, 114452	3	1
266	Purine levels and purinergic signaling in plasma and spleen of Brycon amazonicus exposed to acute heat thermal stress: An attempt to regulate the immune response. *Journal of Thermal Biology*, **2020**, 89, 102569	2.9	3
265	Diphenyl diselenide dietary supplementation protects against fumonisin B-induced oxidative stress in brains of the silver catfish Rhamdia quelen. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2020**, 231, 108738	3.2	2
264	Vegetable biocholine supplementation in pre- and postpartum Lacaune sheep: Effects on animal health, milk production and quality. *Small Ruminant Research*, **2020**, 190, 106165	1.7	6
263	Dog food production using curcumin as antioxidant: effects of intake on animal growth, health and feed conservation. *Archives of Animal Nutrition*, **2020**, 74, 397-413	2.7	6
262	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. *Aquaculture Research*, **2020**, 51, 4196-4205	1.9	4
261	Essential oil of Ocimum gratissimum (Linnaeus, 1753) as anesthetic for Lophiosilurus alexandri: Induction, recovery, hematology, biochemistry and oxidative stress. *Aquaculture*, **2020**, 529, 735676	4.4	18
260	Purinergic signaling and gene expression of purinoceptors in the head kidney of the silver catfish Rhamdia quelen experimentally infected by Flavobacterium columnare. *Microbial Pathogenesis*, **2020**, 142, 104070	3.8	2
259	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 Streptococcus agalactiae. *Microbial Pathogenesis*, **2020**, 141, 103989	3.8	5
258	Nanospheres as a technological alternative to suppress hepatic cellular damage and impaired bioenergetics caused by nerolidol in Nile tilapia (Oreochromis niloticus). *Naunyn-Schmiedebergs Archives of Pharmacology*, **2020**, 393, 751-759	3.4	3
257	Tea tree oil attenuates cerebral damage in silver catfish (Rhamdia quelen) fed with an aflatoxin-contaminated diet. *Aquaculture*, **2020**, 523, 735223	4.4	5
256	Topical hydrogel containing Achyrocline satureioides oily extract (free and nanocapsule) has anti-inflammatory effects and thereby minimizes irritant contact dermatitis. *Anais Da Academia Brasileira De Ciencias*, **2020**, 92, e20191066	1.4	2
255	Effect of curcumin dietary supplementation on growth performance, physiology, carcass characteristics and meat quality in lambs. *Annals of Animal Science*, **2020**,	2	1

254	Effects of the inclusion of a□i oil in diet of prepartum Holstein cows on milk production, somatic cell counts and future lactation. *Anais Da Academia Brasileira De Ciencias*, **2020**, 92, e20200149	1.4	0
253	Pathogenetic effects of feed intake containing of fumonisin (Fusarium verticillioides) in early broiler chicks and consequences on weight gain. *Microbial Pathogenesis*, **2020**, 147, 104247	3.8	4
252	Curcumin supplementation positively modulates fatty acid profiles in lamb meat. *Small Ruminant Research*, **2020**, 190, 106141	1.7	3
251	Diphenyl diselenide modulates splenic purinergic signaling in silver catfish fed diets contaminated with fumonisin B: An attempt to improve immune and hemostatic responses. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2020**, 227, 108624	3.2	3
250	Branchial bioenergetics dysfunction as a relevant pathophysiological mechanism in freshwater silver catfish (Rhamdia quelen) experimentally infected with Flavobacterium columnare. *Microbial Pathogenesis*, **2020**, 138, 103817	3.8	3
249	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. *Aquaculture*, **2020**, 516, 734635	4.4	24
248	Benefits of thymol supplementation on performance, the hepatic antioxidant system, and energetic metabolism in grass carp. *Fish Physiology and Biochemistry*, **2020**, 46, 305-314	2.7	7
247	Oxidative stress in liver of grass carp Ctenopharyngodon idella naturally infected with Saprolegnia parasitica and its influence on disease pathogenesis. *Comparative Clinical Pathology*, **2020**, 29, 581-586	0.9	1
246	Participation of phosphoryl transfer network on branchial energetic imbalance of matrinx□(Brycon amazonicus) exposed to air: Notable involvement of creatine kinase. *Aquaculture*, **2020**, 518, 734863	4.4	0
245	Involvement of the phosphoryl transfer network in gill bioenergetic imbalance of pacam□ (Lophiosilurus alexandri) subjected to hypoxia: notable participation of creatine kinase. *Fish Physiology and Biochemistry*, **2020**, 46, 405-416	2.7	3
244	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. *Microbial Pathogenesis*, **2020**, 139, 103916	3.8	37
243	Effects of thymol supplementation on performance, mortality and branchial energetic metabolism in grass carp experimentally infected by Aeromonas hydrophila. *Microbial Pathogenesis*, **2020**, 139, 103915	3.8	8
242	Experimental infection by Neospora caninum in gerbil reduces activity of enzymes involved in energy metabolism. *Experimental Parasitology*, **2020**, 208, 107790	2.1	1
241	Diphenyl diselenide dietary supplementation alleviates behavior impairment and brain damage in grass carp (Ctenopharyngodon idella) exposed to methylmercury chloride. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2020**, 229, 108674	3.2	7
240	Protective effects of diet containing rutin against trichlorfon-induced muscle bioenergetics disruption and impairment on fatty acid profile of silver catfish Rhamdia quelen. *Ecotoxicology and Environmental Safety*, **2020**, 205, 111127	7	3
239	Addition of yellow strawberry guava leaf extract in the diet of laying hens had antimicrobial and antioxidant effect capable of improving egg quality. *Biocatalysis and Agricultural Biotechnology*, **2020**, 29, 101788	4.2	5
238	Evaluation of the safety of tucum□bil nanocapsules in an experimental model of silver catfish. *Natural Product Research*, **2020**, 1-5	2.3	2
237	Acute exposure to environmentally relevant concentrations of copper affects branchial and hepatic phosphoryl transfer network of Cichlasoma amazonarum: Impacts on bioenergetics homeostasis. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2020**, 238, 108846	3.2	2

236	Dietary exposure to ochratoxin A reduces growth performance and impairs hepatic purinergic signaling in tambaqui (Colossoma macropomum). *Fish Physiology and Biochemistry*, **2020**, 46, 2055-2064	2.7	2
235	Consequences of oxidative damage on the fatty acid profile in muscle of Cichlasoma amazonarum acutely exposed to copper. *Fish Physiology and Biochemistry*, **2020**, 46, 2377-2387	2.7	2
234	Involvement of purinergic signaling in the Amazon fish Pterygoplichthys pardalis subjected to handling stress: Relationship with immune response. *Aquaculture*, **2020**, 514, 734481	4.4	7
233	Dietary vegetable choline improves hepatic health of Nile tilapia (Oreochromis niloticus) fed aflatoxin-contaminated diet. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2020**, 227, 108614	3.2	7
232	Phosphatidylcholine in diets of juvenile Nile tilapia in a biofloc technology system: Effects on performance, energy metabolism and the antioxidant system. *Aquaculture*, **2020**, 515, 734574	4.4	5
231	Changes in cardiac and hepatic energetic metabolism in gerbils infected by Listeria monocytogenes. *Microbial Pathogenesis*, **2020**, 138, 103786	3.8	0
230	Impacts of the supplementation of a□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. *Journal of Food Biochemistry*, **2019**, 43, e13022	3.3	4
229	Plant essential oils against bacteria isolated from fish: an in vitro screening and in vivo efficacy of Lippia origanoides. *Ciencia Rural*, **2019**, 49,	1.3	7
228	Changes in the cardiac phosphotransfer network associated with oxidative stress in experimentally infected Brucella ovis mice. *Comparative Clinical Pathology*, **2019**, 28, 1345-1349	0.9	
227	Nutraceutical effect of minerals on performance, immunity, and antioxidant system of suckling piglets. *Comparative Clinical Pathology*, **2019**, 28, 1707-1715	0.9	
226	Metaphylactic effect of calcium on milk composition and animal health in post-partum dairy cows. *Anais Da Academia Brasileira De Ciencias*, **2019**, 91, e20180589	1.4	
225	Resveratrol and resveratrol-hydroxypropyl-□cyclodextrin complex recovered the changes of creatine kinase and Na+, K+-ATPase activities found in the spleen from streptozotocin-induced diabetic rats. *Anais Da Academia Brasileira De Ciencias*, **2019**, 91, e20181330	1.4	6
224	Caffeine supplementation in diet mitigates Aeromonas hydrophila-induced impairment of the gill phosphotransfer network in grass carp Ctenopharyngodon idella. *Microbial Pathogenesis*, **2019**, 136, 103710	3.8	2
223	Effects of dietary grape pomace flour on the purinergic signaling and inflammatory response of grass carp experimentally infected with Pseudomonas aeruginosa. *Aquaculture*, **2019**, 503, 217-224	4.4	13
222	Impairment of the phosphotransfer network and performance in broiler chickens experimentally infected by Eimeria spp.: The role of the oxidative stress. *Parasitology International*, **2019**, 70, 16-22	2.1	4
221	Nutraceutical Effect of Trace Elements as Additional Injectable Doses to Modulate Oxidant and Antioxidant Status, and Improves the Quality of Lamb Meat. *Biological Trace Element Research*, **2019**, 191, 115-125	4.5	3
220	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. *Journal of Thermal Biology*, **2019**, 80, 141-149	2.9	20
219	Caffeine prevents hypoxia-induced dysfunction on branchial bioenergetics of Nile tilapia through phosphoryl transfer network. *Aquaculture*, **2019**, 502, 1-7	4.4	7

218	Purinergic signaling displays a pro-inflammatory profile in lymphoid immune organs of Oreochromis niloticus experimentally infected by Providencia rettgeri: The role of pathophysiology. *Aquaculture*, **2019**, 510, 176-181	4.4	3
217	Health benefits of subcutaneous zinc edetate and diphenyl diselenide in calves during the weaning period. *Anais Da Academia Brasileira De Ciencias*, **2019**, 91, e20171042	1.4	
216	Selenomethionine as a dietary supplement for laying hens: Impacts on lipid peroxidation and antioxidant capacity in fresh and stored eggs. *Journal of Food Biochemistry*, **2019**, 43, e12957	3.3	4
215	Curcumin in the diet of quail in cold stress improves performance and egg quality. *Animal Feed Science and Technology*, **2019**, 254, 114192	3	10
214	Effect of free and nano-encapsulated curcumin on treatment and energetic metabolism of gerbils infected by Listeria monocytogenes. *Microbial Pathogenesis*, **2019**, 134, 103564	3.8	10
213	Essential Oils as Stress-Reducing Agents for Fish Aquaculture: A Review. *Frontiers in Physiology*, **2019**, 10, 785	4.6	49
212	Low-dose curcumin-loaded Eudragit L-100-nanocapsules in the diet of dairy sheep increases antioxidant levels and reduces lipid peroxidation in milk. *Journal of Food Biochemistry*, **2019**, 43, e12942	3.3	16
211	Lipid peroxidation and protein oxidation in broiler breast fillets with white striping myopathy. *Journal of Food Biochemistry*, **2019**, 43, e12792	3.3	11
210	Diphenyl diselenide dietary supplementation protects against methylmercury-chloride-induced immunotoxicity in the head kidney and spleen of grass carp (Ctenopharyngodon idella) via regulation of purinergic signaling and the NLRP3 inflammasome. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2019**, 222, 59-64	3.2	10
209	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. *Aquaculture*, **2019**, 509, 85-95	4.4	4
208	Use of grape residue flour in lactating dairy sheep in heat stress: Effects on health, milk production and quality. *Journal of Thermal Biology*, **2019**, 82, 197-205	2.9	15
207	Fish exposed to eprinomectin show hepatic oxidative stress and impairment in enzymes of the phosphotransfer network. *Aquaculture*, **2019**, 508, 199-205	4.4	8
206	Oxidative stress and antioxidant responses in Nile tilapia Oreochromis niloticus experimentally infected by Providencia rettgeri. *Microbial Pathogenesis*, **2019**, 131, 164-169	3.8	15
205	Spirulina platensis in Japanese quail feeding alters fatty acid profiles and improves egg quality: Benefits to consumers. *Journal of Food Biochemistry*, **2019**, 43, e12860	3.3	10
204	Relation of reproductive disturbance in sheep and Leptospira interrogans serovar Icterohaemorrhagiae infection: Impacts on cellular oxidation status. *Microbial Pathogenesis*, **2019**, 130, 65-70	3.8	2
203	Impact of colibacillosis on production in laying hens associated with interference of the phosphotransfer network and oxidative stress. *Microbial Pathogenesis*, **2019**, 130, 131-136	3.8	4
202	Intestinal injury caused by Eimeria spp. impairs the phosphotransfer network and gain weight in experimentally infected chicken chicks. *Parasitology Research*, **2019**, 118, 1573-1579	2.4	6
201	Oxidative stress linked to changes of cholinesterase and adenosine deaminase activities in experimentally infected chicken chicks with Eimeria spp. *Parasitology International*, **2019**, 71, 11-17	2.1	7

200	Cordycepin (3'-deoxyadenosine) and pentostatin (deoxycoformycin) against Trypanosoma cruzi. *Experimental Parasitology*, **2019**, 199, 47-51	2.1	3
199	Melaleuca alternifolia essential oil abrogates hepatic oxidative damage in silver catfish (Rhamdia quelen) fed with an aflatoxin-contaminated diet. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2019**, 221, 10-20	3.2	9
198	Grape pomace flour ameliorates Pseudomonas aeruginosa-induced bioenergetic dysfunction in gills of grass carp. *Aquaculture*, **2019**, 506, 359-366	4.4	3
197	Biochemical changes in Curimbat subjected to transport stress and exposed to an agricultural fair. *Comparative Clinical Pathology*, **2019**, 28, 761-766	0.9	1
196	Grape pomace flour alleviates Pseudomonas aeruginosa-induced hepatic oxidative stress in grass carp by improving antioxidant defense. *Microbial Pathogenesis*, **2019**, 129, 271-276	3.8	3
195	Glycerol monolaurate in the diet of broiler chickens replacing conventional antimicrobials: Impact on health, performance and meat quality. *Microbial Pathogenesis*, **2019**, 129, 161-167	3.8	38
194	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. *Chemosphere*, **2019**, 223, 124-130	8.4	24
193	Purinergic system as a potential target for inflammation and toxicity induced by thymol in immune cells and tissues. *Molecular and Cellular Biochemistry*, **2019**, 452, 105-110	4.2	3
192	Involvement of HPI-axis in anesthesia with Lippia alba essential oil citral and linalool chemotypes: gene expression in the secondary responses in silver catfish. *Fish Physiology and Biochemistry*, **2019**, 45, 155-166	2.7	15
191	Diphenyl diselenide subcutaneous supplementation of dairy sheep: effects on oxidant and antioxidant status, inflammatory response and milk composition. *Animal Production Science*, **2019**, 59, 461	1.4	4
190	Oxidative stress mediated the inhibition of cerebral creatine kinase activity in silver catfish fed with aflatoxin B-contaminated diet. *Fish Physiology and Biochemistry*, **2019**, 45, 63-70	2.7	6
189	Nutraceutical effect of vitamins and minerals on performance and immune and antioxidant systems in dairy calves during the nutritional transition period in summer. *Journal of Thermal Biology*, **2019**, 84, 451-459	2.9	8
188	Purinergic signaling creates an anti-inflammatory profile in spleens of grass carp Ctenopharyngodon idella naturally infected by Saprolegnia parasitica: An attempt to prevent ATP pro-inflammatory effects. *Microbial Pathogenesis*, **2019**, 135, 103649	3.8	3
187	Effects of oral administration of copper capsules on helminth control in lactating dairy sheep: An effective alternative to replace conventional antiparasitics during lactation. *Experimental Parasitology*, **2019**, 205, 107735	2.1	1
186	Copper oxide and closantel prevent alterations in hepatic energetic metabolism and reduce inflammation in Haemonchus contortus infection. *Experimental Parasitology*, **2019**, 204, 107726	2.1	1
185	Dietary supplementation with caffeine increases survival rate, reduces microbial load and protects the liver against Aeromonas hydrophila-induced hepatic damage in the grass carp Ctenopharyngodon idella. *Microbial Pathogenesis*, **2019**, 135, 103637	3.8	8
184	Saprolegnia parasitica impairs branchial phosphoryl transfer network in naturally infected grass carp (Ctenopharyngodon idella): prejudice on bioenergetic homeostasis. *Aquaculture International*, **2019**, 27, 1643-1654	2.6	0
183	Benefits of the inclusion of a i oil in the diet of dairy sheep in heat stress on health and milk production and quality. *Journal of Thermal Biology*, **2019**, 84, 250-258	2.9	17

182	Cholinesterase as an inflammatory marker of subclinical infection of dairy cows infected by Neospora caninum and risk factors for disease. *Comparative Immunology, Microbiology and Infectious Diseases*, **2019**, 66, 101330	2.6	2
181	Subclinical mastitis in Lacaune sheep: Causative agents, impacts on milk production, milk quality , oxidative profiles and treatment efficacy of ceftiofur. *Microbial Pathogenesis*, **2019**, 137, 103732	3.8	10
180	Effects of tannin-containing diets on performance, gut disease control and health in broiler chicks. *Animal Production Science*, **2019**, 59, 1847	1.4	5
179	Oregano essential oil (Origanum vulgare) to feed laying hens and its effects on animal health. *Anais Da Academia Brasileira De Ciencias*, **2019**, 91, e20170901	1.4	7
178	A caffeine-supplemented diet modulates oxidative stress markers and prevents oxidative damage in the livers of Nile tilapia (Oreochromis niloticus) exposed to hypoxia. *Fish Physiology and Biochemistry*, **2019**, 45, 1041-1049	2.7	9
177	Organophosphate pesticide trichlorfon induced neurotoxic effects in freshwater silver catfish Rhamdia quelen via disruption of blood-brain barrier: Implications on oxidative status, cell viability and brain neurotransmitters. *Comparative Biochemistry and Physiology Part - C: Toxicology and*	3.2	9
176	Impairment of branchial energy transfer pathways in disease pathogenesis of Providencia rettgeri infection in juvenile Nile tilapia (Oreochromis niloticus): Remarkable involvement of creatine kinase activity. *Aquaculture*, **2019**, 502, 365-370	4.4	7
175	Disturbance of energetic homeostasis and oxidative damage provoked by trichlorfon as relevant toxicological mechanisms using silver catfish as experimental model. *Chemico-Biological Interactions*, **2019**, 299, 94-100	5	16
174	Involvement of the phosphoryl transfer network on cardiac energetic metabolism during Staphylococcus aureus infection and its association to disease pathophysiology. *Microbial Pathogenesis*, **2019**, 126, 318-322	3.8	2
173	Diet supplemented with curcumin for nursing lambs improves animal growth, energetic metabolism, and performance of the antioxidant and immune systems. *Small Ruminant Research*, **2019**, 170, 74-81	1.7	16
172	Vegetable choline improves growth performance, energetic metabolism, and antioxidant capacity of fingerling Nile tilapia (Oreochromis niloticus). *Aquaculture*, **2019**, 501, 224-229	4.4	17
171	Modulation of acetylcholinesterase activity exerts anti-inflammatory effect in spleen and immune cells of fish fed with a diet contaminated by aflatoxin B1. *Aquaculture*, **2019**, 502, 8-11	4.4	3
170	Glucose and urea levels in suckling piglets. *Comparative Clinical Pathology*, **2019**, 28, 567-569	0.9	
169	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	
168	Feline Toxoplasmosis: Tumor Necrosis Factor, Nitric Oxide, and Free Radicals in Seropositive Cats. *Journal of Parasitology*, **2018**, 104, 86-88	0.9	2
167	Citrobacter freundii impairs the phosphoryl transfer network in the gills of Rhamdia quelen: Impairment of bioenergetics homeostasis. *Microbial Pathogenesis*, **2018**, 117, 157-161	3.8	7
166	Purinergic signaling modulates the splenic inflammatory response in silver catfish naturally infected with Ichthyophthirius multifiliis. *Parasitology Research*, **2018**, 117, 1169-1173	2.4	1
165	Aeromonas caviae inhibits hepatic enzymes of the phosphotransfer network in experimentally infected silver catfish: Impairment on bioenergetics. *Journal of Fish Diseases*, **2018**, 41, 469-474	2.6	7

164	Protective effect of nerolidol-loaded in nanospheres against cerebral damage caused by Trypanosoma evansi. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2018**, 391, 753-759	3.4	3
163	Thiamethoxam induced hepatic energy changes in silver catfish via impairment of the phosphoryl transfer network pathway: Toxicological effects on energetics homeostasis. *Environmental Toxicology and Pharmacology*, **2018**, 60, 1-4	5.8	8
162	Aflatoxin B-contaminated diet disrupts the blood-brain barrier and affects fish behavior: Involvement of neurotransmitters in brain synaptosomes. *Environmental Toxicology and Pharmacology*, **2018**, 60, 45-51	5.8	23
161	Efficacy of dietary curcumin supplementation as bactericidal for silver catfish against Streptococcus agalactiae. *Microbial Pathogenesis*, **2018**, 116, 237-240	3.8	18
160	Nucleotide and nucleoside involvement in immunomodulation in experimental Chagas disease. *Molecular and Cellular Biochemistry*, **2018**, 447, 203-208	4.2	1
159	Feed addition of curcumin to laying hens showed anticoccidial effect, and improved egg quality and animal health. *Research in Veterinary Science*, **2018**, 118, 101-106	2.5	39
158	Ecto-enzymes activities in splenic lymphocytes of mice experimentally infected by Trypanosoma cruzi and treated with specific avian immunoglobulins: an attempt to improve the immune response. *Molecular and Cellular Biochemistry*, **2018**, 448, 9-15	4.2	2
157	Streptococcus agalactiae alters cerebral enzymes of phosphoryl transfer network in experimentally infected silver catfish: Impairment on brain energy homeostasis. *Aquaculture*, **2018**, 489, 105-109	4.4	5
156	Involvement of xanthine oxidase inhibition with the antioxidant property of nanoencapsulated Melaleuca alternifolia essential oil in fish experimentally infected with Pseudomonas aeruginosa. *Journal of Fish Diseases*, **2018**, 41, 791-796	2.6	7
155	Is monoterpene terpinen-4-ol the compound responsible for the anesthetic and antioxidant activity of Melaleuca alternifolia essential oil (tea tree oil) in silver catfish?. *Aquaculture*, **2018**, 486, 217-223	4.4	32
154	Purinergic signalling displays an anti-inflammatory profile in the spleen of fish experimentally infected with Aeromonas caviae: Modulation of the immune response. *Journal of Fish Diseases*, **2018**, 41, 683-687	2.6	10
153	Aeromonas caviae alters the activities of ecto-enzymes that hydrolyze adenine nucleotides in fish thrombocytes. *Microbial Pathogenesis*, **2018**, 115, 64-67	3.8	2
152	Ichthyophthirius multifiliis impairs splenic enzymes of the phosphoryl transfer network in naturally infected Rhamdia quelen: effects on energetic homeostasis. *Parasitology Research*, **2018**, 117, 413-418	2.4	6
151	Gill bioenergetics dysfunction and oxidative damage induced by thiamethoxam exposure as relevant toxicological mechanisms in freshwater silver catfish Rhamdia quelen. *Science of the Total Environment*, **2018**, 636, 420-426	10.2	18
150	Purinergic signaling as potential target of thiamethoxam-induced neurotoxicity using silver catfish (Rhamdia quelen) as experimental model. *Molecular and Cellular Biochemistry*, **2018**, 449, 39-45	4.2	7
149	Changes in the cerebral phosphotransfer network impair energetic homeostasis in an aflatoxin B-contaminated diet. *Fish Physiology and Biochemistry*, **2018**, 44, 1051-1059	2.7	9
148	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. *Microbial Pathogenesis*, **2018**, 117, 259-264	3.8	6
147	Involvement of cholinergic and adenosinergic systems on the branchial immune response of experimentally infected silver catfish with Streptococcus agalactiae. *Journal of Fish Diseases*, **2018**, 41, 27-32	2.6	7

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