Bernardo Baldisserotto

List of Publications by Year
in descending order

422 papers	9,040 citations	53660 45 h-index	98622 67 g-index
424 all docs	424 docs citations	424 times ranked	5917 citing authors

#	Article	IF	Citations
1	Biologia do jundiÃ¡ Rhamdia quelen (Teleostei, Pimelodidae). Ciencia Rural, 2000, 30, 179-185.	0.3	176
2	Metals in the water, sediment, and tissues of two fish species from different trophic levels in a subtropical Brazilian river. Microchemical Journal, 2013, 106, 61-66.	2.3	156
3	Essential oil of Lippia alba: A new anesthetic for silver catfish, Rhamdia quelen. Aquaculture, 2010, 306, 403-406.	1.7	145
4	Effects of the herbicides clomazone, quinclorac, and metsulfuron methyl on acetylcholinesterase activity in the silver catfish (Rhamdia quelen) (Heptapteridae). Ecotoxicology and Environmental Safety, 2005, 61, 398-403.	2.9	137
5	Plant essential oils as fish diet additives: benefits on fish health and stability in feed. Reviews in Aquaculture, 2018, 10, 716-726.	4.6	120
6	Effect of different temperature regimes on metabolic and blood parameters of silver catfish Rhamdia quelen. Aquaculture, 2004, 239, 497-507.	1.7	119
7	Tissue-Specific Cadmium and Metallothionein Levels in Rainbow Trout Chronically Acclimated to Waterborne or Dietary Cadmium. Archives of Environmental Contamination and Toxicology, 2005, 48, 381-390.	2.1	112
8	Ammonia and pH effects on some metabolic parameters and gill histology of silver catfish, Rhamdia quelen (Heptapteridae). Aquaculture, 2008, 277, 192-196.	1.7	110
9	Silver catfishRhamdia quelenimmersion anaesthesia with essential oil ofAloysia triphylla(L'HÃ©rit) Britton or tricaine methanesulfonate: effect on stress response and antioxidant status. Aquaculture Research, 2014, 45, 1061-1072.	0.9	102
10	Herbicide Formulation with Glyphosate Affects Growth, Acetylcholinesterase Activity, and Metabolic and Hematological Parameters in Piava (Leporinus obtusidens). Archives of Environmental Contamination and Toxicology, 2010, 58, 740-745.	2.1	101
11	Anesthetic activity of the essential oil of Aloysia triphylla and effectiveness in reducing stress during transport of albino and gray strains of silver catfish, Rhamdia quelen. Fish Physiology and Biochemistry, 2014, 40, 323-334.	0.9	100
12	Transportation of silver catfish, Rhamdia quelen, in water with eugenol and the essential oil of Lippia alba. Fish Physiology and Biochemistry, 2012, 38, 789-796.	0.9	97
13	Anesthesia of silver catfish with eugenol: time of induction, cortisol response and sensory analysis of fillet. Ciencia Rural, 2010, 40, 2107-2114.	0.3	94
14	Essential oil of Ocimum gratissimum L.: Anesthetic effects, mechanism of action and tolerance in silver catfish, Rhamdia quelen. Aquaculture, 2012, 350-353, 91-97.	1.7	93
15	Effect of the essential oil of Lippia alba on oxidative stress parameters in silver catfish (Rhamdia) Tj ETQq1 1 0.784314 rgBT /Overlock	1.7	87
16	Essential Oils as Stress-Reducing Agents for Fish Aquaculture: A Review. Frontiers in Physiology, 2019, 10, 785.	1.3	87
17	Growth, biochemical and physiological responses of Salminus brasiliensis with different stocking densities and handling. Aquaculture, 2010, 301, 22-30.	1.7	83
18	A protective effect of dietary calcium against acute waterborne cadmium uptake in rainbow trout. Aquatic Toxicology, 2004, 67, 57-73.	1.9	82

#	Article	IF	Citations
19	Effects of dietary calcium and cadmium on cadmium accumulation, calcium and cadmium uptake from the water, and their interactions in juvenile rainbow trout. Aquatic Toxicology, 2005, 72, 99-117.	1.9	82
20	Anesthetic activity of Brazilian native plants in silver catfish (Rhamdia quelen). Neotropical Ichthyology, 2013, 11, 443-451.	0.5	75
21	Physiological and biochemical responses of silver catfish, Rhamdia quelen, after transport in water with essential oil of Aloysia triphylla (L'Herit) Britton. Aquaculture, 2014, 418-419, 101-107.	1.7	74
22	Toxicological Responses of Cyprinus carpio Exposed to a Commercial Formulation Containing Glyphosate. Bulletin of Environmental Contamination and Toxicology, 2011, 87, 597-602.	1.3	73
23	Effects of the commercial formulation containing fipronil on the non-target organism Cyprinus carpio: Implications for riceâ˜fish cultivation. Ecotoxicology and Environmental Safety, 2012, 77, 45-51.	2.9	72
24	The influence of stocking density and food deprivation in silver catfish (Rhamdia quelen): A metabolic and endocrine approach. Aquaculture, 2015, 435, 257-264.	1.7	72
25	Analysis of antidiarrhoeic effect of plants used in popular medicine. Revista De Saude Publica, 1995, 29, 428-433.	0.7	71
26	Effect of stocking density on water quality, survival, and growth of larvae of the matrinxÃ£, Brycon cephalus (Characidae), in ponds. Aquaculture, 2000, 183, 73-81.	1.7	70
27	Fish anesthesia: effects of the essential oils of Hesperozygis ringens and Lippia alba on the biochemistry and physiology of silver catfish (Rhamdia quelen). Fish Physiology and Biochemistry, 2014, 40, 701-14.	0.9	68
28	Citral and linalool chemotypes of Lippia alba essential oil as anesthetics for fish: a detailed physiological analysis of side effects during anesthetic recovery in silver catfish (Rhamdia quelen). Fish Physiology and Biochemistry, 2018, 44, 21-34.	0.9	66
29	Piscicultura continental no Rio Grande do Sul: situaÃ§Ã£o atual, problemas e perspectivas para o futuro. Ciencia Rural, 2009, 39, 291-299.	0.3	65
30	Use of salt during transportation of air breathing pirarucu juveniles (Arapaima gigas) in plastic bags. Aquaculture, 2006, 256, 521-528.	1.7	64
31	S-(+)-Linalool from Lippia alba: sedative and anesthetic for silver catfish (Rhamdia quelen). Veterinary Anaesthesia and Analgesia, 2014, 41, 621-629.	0.3	64
32	Transport of silver catfish (Rhamdia quelen) fingerlings at different times, load densities, and temperatures. Aquaculture, 2003, 216, 95-102.	1.7	61
33	Benefits of using the probiotic Efinol^{Â®}L during transportation of cardinal tetra,Paracheirodon axelrodi(Schultz), in the Amazon. Aquaculture Research, 2009, 40, 157-165.	0.9	61
34	The anesthetic efficacy of eugenol and the essential oils of Lippia alba and Aloysia triphylla in post-larvae and sub-adults of Litopenaeus vannamei (Crustacea, Penaeidae). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2012, 155, 462-468.	1.3	61
35	The effects of essential oils and their major compounds on fish bacterial pathogens â€“ a review. Journal of Applied Microbiology, 2018, 125, 328-344.	1.4	61
36	Participation of the GABAergic system in the anesthetic effect of Lippia alba (Mill.) N.E. Brown essential oil. Brazilian Journal of Medical and Biological Research, 2012, 45, 436-443.	0.7	57

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37	Addition of Lippia alba (Mill) N. E. Brown essential oil to the diet of the silver catfish: An analysis of growth, metabolic and blood parameters and the antioxidant response. Aquaculture, 2013, 416-417, 244-254.	1.7	57
38	Resveratrol improves sperm motility, prevents lipid peroxidation and enhances antioxidant defences in the testes of hyperthyroid rats. Reproductive Toxicology, 2013, 37, 31-39.	1.3	54
39	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.	1.7	54
40	Anesthesia and Transport of Brazilian Flounder, Paralichthys orbignyanus, with Essential Oils of Aloysia gratissima and Ocimum gratissimum. Journal of the World Aquaculture Society, 2012, 43, 896-900.	1.2	52
41	Anesthetic induction and recovery of Hippocampus reidi exposed to the essential oil of Lippia alba. Neotropical Ichthyology, 2011, 9, 683-688.	0.5	51
42	Monoterpenoids (thymol, carvacrol and S-(+)-linalool) with anesthetic activity in silver catfish (Rhamdia quelen): evaluation of acetylcholinesterase and GABAergic activity. Brazilian Journal of Medical and Biological Research, 2017, 50, e6346.	0.7	50
43	Sedative and anesthetic activities of the essential oils of Hyptis mutabilis (Rich.) Briq. and their isolated components in silver catfish (Rhamdia quelen). Brazilian Journal of Medical and Biological Research, 2013, 46, 771-779.	0.7	48
44	Sedative effect of 2-phenoxyethanol and essential oil of Lippia alba on stress response in gilthead sea bream (Sparus aurata). Research in Veterinary Science, 2015, 103, 20-27.	0.9	48
45	Essential oil of Aloysia triphylla in Nile tilapia: anaesthesia, stress parameters and sensory evaluation of fillets. Aquaculture Research, 2017, 48, 3383-3392.	0.9	48
46	Pesticide contamination of water alters the metabolism of juvenile silver catfish, Rhamdia quelen. Ecotoxicology and Environmental Safety, 2009, 72, 1734-1739.	2.9	47
47	The effects of ammonia and water hardness on the hormonal, osmoregulatory and metabolic responses of the freshwater silver catfish Rhamdia quelen. Aquatic Toxicology, 2014, 152, 341-352.	1.9	47
48	Survival, growth and biochemical parameters of silver catfish, Rhamdia quelen (Quoy & Gaimard, 1824), juveniles exposed to different dissolved oxygen levels. Aquaculture Research, 2006, 37, 1524-1531.	0.9	46
49	Anesthetic activity and bio-guided fractionation of the essential oil of Aloysia gratissima (Gillies) Tj ETQq1 1 0.784314 rgBT /Overlock 1C 1675-1689.	0.3	46
50	Antibacterial potential of phytochemicals alone or in combination with antimicrobials against fish pathogenic bacteria. Journal of Applied Microbiology, 2018, 125, 655-665.	1.4	44
51	Survival and growth of silver catfish larvae exposed to different water pH. Aquaculture International, 2001, 9, 73-80.	1.1	43
52	Growth and survival of Rhamdia quelen (Siluriformes, Pimelodidae) larvae exposed to different levels of water hardness. Aquaculture, 2003, 215, 103-108.	1.7	43
53	Quercetin in the diet of silver catfish: Effects on antioxidant status, blood parameters and pituitary hormone expression. Aquaculture, 2016, 458, 100-106.	1.7	43
54	Growth and Survival of Fingerlings of Silver Catfish Exposed to Different Photoperiods. Aquaculture International, 1999, 7, 201-205.	1.1	42

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55	Potential uses of Ocimum gratissimum and Hesperozygis ringens essential oils in aquaculture. Industrial Crops and Products, 2017, 97, 484-491.	2.5	42
56	Anesthesia and transport of fat snook Centropomus parallelus with the essential oil of Nectandra megapotamica(Spreng.) Mez. Neotropical Ichthyology, 2013, 11, 667-674.	0.5	41
57	Evaluation of Ocimum americanum essential oil as an additive in red drum (Sciaenops ocellatus) diets. Fish and Shellfish Immunology, 2016, 56, 155-161.	1.6	41
58	Antimicrobial and synergistic activity of essential oils of Aloysia triphylla and Lippia alba against Aeromonas spp.. Microbial Pathogenesis, 2017, 113, 29-33.	1.3	41
59	Water parameters affect anaesthesia induced by eugenol in silver catfish, Rhamdia quelen. Aquaculture Research, 2011, 42, 878-886.	0.9	40
60	Essential oil ofAloysia triphyllaas feed additive promotes growth of silver catfish (Rhamdia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.1	40
61	Digestive enzymes and parasitology of Nile tilapia juveniles raised in brackish biofloc water and fed with different digestible protein and digestible energy levels. Aquaculture, 2019, 506, 35-41.	1.7	40
62	Essential oil from Lippia alba has anaesthetic activity and is effective in reducing handling and transport stress in tambacu (Piaractus mesopotamicus Ã— Colossoma macropomum). Aquaculture, 2016, 465, 374-379.	1.7	39
63	Anaesthetic and antioxidant effects ofMyrcia sylvatica(G. Mey.)<scp>DC</scp>. andCurcuma longaL. essential oils on tambaqui (Colossoma macropomum). Aquaculture Research, 2017, 48, 2012-2031.	0.9	39
64	Transport of jundiÃ¡ Rhamdia quelen juveniles at different loading densities: water quality and blood parameters. Neotropical Ichthyology, 2009, 7, 283-288.	0.5	38
65	Hypoxia acclimation protects against oxidative damage and changes in prolactin and somatolactin expression in silver catfish (Rhamdia quelen) exposed to manganese. Aquatic Toxicology, 2014, 157, 175-185.	1.9	38
66	Could the essential oil ofLippia albaprovide a readily available and cost-effective anaesthetic for Nile tilapia (Oreochromis niloticus)?. Marine and Freshwater Behaviour and Physiology, 2016, 49, 119-126.	0.4	38
67	Bioaccumulation and oxidative stress parameters in silver catfish (Rhamdia quelen) exposed to different thorium concentrations. Chemosphere, 2009, 77, 384-391.	4.2	37
68	The use of eugenol against Aeromonas hydrophila and its effect on hematological and immunological parameters in silver catfish (Rhamdia quelen). Veterinary Immunology and Immunopathology, 2014, 157, 142-148.	0.5	37
69	Plant essential oils against Aeromonas hydrophila : inÂvitro activity and their use in experimentally infected fish. Journal of Applied Microbiology, 2015, 119, 47-54.	1.4	37
70	Protective effect of vitamin E on sperm motility and oxidative stress in valproic acid treated rats. Food and Chemical Toxicology, 2016, 95, 159-167.	1.8	37
71	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.	4.2	37
72	Salt in the Food and Water as a Supportive Therapy for Ichthyophthirius multifiliis Infestation on Silver Catfish, Rhamdia quelen, Fingerlings. Journal of the World Aquaculture Society, 2007, 38, 1-11.	1.2	36

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73	Effects of Water Cadmium Concentrations on Bioaccumulation and Various Oxidative Stress Parameters in Rhamdia quelen. Archives of Environmental Contamination and Toxicology, 2011, 60, 309-318.	2.1	36
74	Moderate hypoxia is able to minimize the manganese-induced toxicity in tissues of silver catfish (Rhamdia quelen). Ecotoxicology and Environmental Safety, 2013, 91, 103-109.	2.9	36
75	Efficacy of eugenol and the methanolic extract of Condalia buxifolia during the transport of the silver catfish Rhamdia quelen. Neotropical Ichthyology, 2013, 11, 675-681.	0.5	36
76	Lipid stability during the frozen storage of fillets from silver catfish exposed in vivo to the essential oil of Lippia alba (Mill.) NE Brown. Journal of the Science of Food and Agriculture, 2013, 93, 955-960.	1.7	35
77	The disturbance of antioxidant/oxidant balance in fish experimentally infected by Aeromonas caviae: Relationship with disease pathophysiology. Microbial Pathogenesis, 2018, 122, 53-57.	1.3	35
78	Freshwater temperature in the state of Rio Grande do Sul, Southern Brazil, and its implication for fish culture. Neotropical Ichthyology, 2008, 6, 275-281.	0.5	34
79	Immersion anaesthesia with tricaine methanesulphonate or propofol on different sizes and strains of silver catfish Rhamdia quelen. Journal of Fish Biology, 2012, 81, 1436-1445.	0.7	34
80	Effects of waterborne fluoxetine on stress response and osmoregulation in zebrafish. Environmental Toxicology and Pharmacology, 2015, 40, 704-707.	2.0	34
81	Citrobacter freundii infection in silver catfish (Rhamdia quelen): Hematological and histological alterations. Microbial Pathogenesis, 2018, 125, 276-280.	1.3	34
82	Incubation of silver catfish, Rhamdia quelen (Pimelodidae), eggs at different calcium and magnesium concentrations. Aquaculture, 2003, 228, 279-287.	1.7	33
83	Stress responses of the endemic freshwater cururu stingray (Potamotrygon cf. histrix) during transportation in the Amazon region of the Rio Negro. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2012, 162, 139-145.	0.8	33
84	Effect of diets enriched with rutin on blood parameters, oxidative biomarkers and pituitary hormone expression in silver catfish (Rhamdia quelen). Fish Physiology and Biochemistry, 2016, 42, 321-333.	0.9	33
85	Physiological responses of Rhamdia quelen (Siluriformes: Heptapteridae) to anesthesia with essential oils from two different chemotypes of Lippia alba. Neotropical Ichthyology, 2017, 15, .	0.5	33
86	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.	1.7	32
87	Densidade de estocagem e crescimento de alevinos de JundiÃ¡ Rhamdia quelen (Quoy & Gaimard, 1824). Ciencia Rural, 2000, 30, 509-513.	0.3	32
88	The essential oil from Lippia alba induces biochemical stress in the silver catfish (Rhamdia quelen) after transportation. Neotropical Ichthyology, 2014, 12, 811-818.	0.5	31
89	InÂvivo bactericidal effect of Melaleuca alternifolia essential oil against Aeromonas hydrophila: Silver catfish (Rhamdia quelen) as an experimental model. Microbial Pathogenesis, 2016, 98, 82-87.	1.3	31
90	Aflatoxin B 1 -contaminated diet disrupts the bloodâ€“brain barrier and affects fish behavior: Involvement of neurotransmitters in brain synaptosomes. Environmental Toxicology and Pharmacology, 2018, 60, 45-51.	2.0	31

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91	Protective effect of quercetin against oxidative stress induced by oxytetracycline in muscle of silver catfish. Aquaculture, 2018, 484, 120-125.	1.7	31
92	Oxidative stress and antioxidant responses in Nile tilapia Oreochromis niloticus experimentally infected by Providencia rettgeri. Microbial Pathogenesis, 2019, 131, 164-169.	1.3	31
93	Survival of silver catfish fingerlings exposed to acute changes of water pH and hardness. Aquaculture International, 2001, 9, 413-419.	1.1	30
94	Acetylcholinesterase enzyme activity in carp brain and muscle after acute exposure to diafuran. Scientia Agricola, 2008, 65, 340-345.	0.6	30
95	Melaleuca alternifolia essential oil prevents alterations to purinergic enzymes and ameliorates the innate immune response in silver catfish infected with Aeromonas hydrophila. Microbial Pathogenesis, 2017, 109, 61-66.	1.3	30
96	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. Fish and Shellfish Immunology, 2017, 61, 1-8.	1.6	30
97	Efficacy of dietary curcumin supplementation as bactericidal for silver catfish against Streptococcus agalactiae. Microbial Pathogenesis, 2018, 116, 237-240.	1.3	30
98	Essential oil of Ocimum gratissimum (Linnaeus, 1753) as anesthetic for Lophiosilurus alexandri: Induction, recovery, hematology, biochemistry and oxidative stress. Aquaculture, 2020, 529, 735676.	1.7	30
99	The use of Ocimum gratissimum L. essential oil during the transport of Lophiosilurus alexandri: Water quality, hematology, blood biochemistry and oxidative stress. Aquaculture, 2021, 531, 735964.	1.7	30
100	Efficacy of Different Salt (NaCl) Concentrations in the Treatment ofIchthyophthirius multifiliis-InfectedSilver Catfish,Rhamdia quelen, Fingerlings. Journal of Applied Aquaculture, 2003, 14, 155-161.	0.7	29
101	Using the Essential Oil of Aloysia triphylla (L'Her.) Britton to Sedate Silver Catfish (Rhamdia) Tj ETQq1 1 0.784314 rgBT /Ov in Ice. Journal of Food Science, 2014, 79, S1205-11.	1.5	29
102	Stress response in silver catfish (Rhamdia quelen) exposed to the essential oil of Hesperozygis ringens. Fish Physiology and Biochemistry, 2015, 41, 129-138.	0.9	29
103	Pseudomonas aeruginosa strain PA01 impairs enzymes of the phosphotransfer network in the gills of Rhamdia quelen. Veterinary Microbiology, 2017, 201, 121-125.	0.8	29
104	Can the essential oil of Aloysia triphylla have anesthetic effect and improve the physiological parameters of the carnivorous freshwater catfish Lophiosilurus alexandri after transport?. Aquaculture, 2017, 481, 184-190.	1.7	29
105	Methanolic extract of Condalia buxifolia added to transport water alters biochemical parameters of the silver catfish Rhamdia quelen. Aquaculture, 2015, 437, 46-50.	1.7	28
106	Effect of (+)-dehydrofukinone on GABAA receptors and stress response in fish model. Brazilian Journal of Medical and Biological Research, 2016, 49, e4872.	0.7	28
107	Pre-sedation and transport of Rhamdia quelen in water containing essential oil of Lippia alba: metabolic and physiological responses. Fish Physiology and Biochemistry, 2016, 42, 73-81.	0.9	28
108	Myrcia sylvatica essential oil mitigates molecular, biochemical and physiological alterations in Rhamdia quelen under different stress events associated to transport. Research in Veterinary Science, 2018, 117, 150-160.	0.9	28

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109	Na+ and K+ body levels and survival of fingerlings of Rhamdia quelen (Siluriformes, Pimelodidae) exposed to acute changes of water pH.. Ciencia Rural, 2000, 30, 1041-1045.	0.3	28
110	Effect of dietary calcium on growth and survival of silver catfish fingerlings, Rhamdia quelen (Heptapteridae), exposed to different water pH. Aquaculture Nutrition, 2005, 11, 345-350.	1.1	27
111	Anesthetic activity of the essential oil of Ocimum americanum in Rhamdia quelen (Quoy & Gaimard,) Tj ETQq1 1 0.784314 rgBT /O	0.5	27
112	Oxidative and biochemical responses in Brycon amazonicus anesthetized and sedated with Myrcia sylvatica (G. Mey.) DC. and Curcuma longa L. essential oils. Veterinary Anaesthesia and Analgesia, 2017, 44, 555-566.	0.3	27
113	Biochemical parameters of silver catfish (Rhamdia quelen) after transport with eugenol or essential oil of Lippia alba added to the water. Brazilian Journal of Biology, 2017, 77, 696-702.	0.4	27
114	Dietary addition of the essential oil from Lippia alba to Nile tilapia and its effect after inoculation with Aeromonas spp.. Aquaculture Nutrition, 2019, 25, 39-45.	1.1	27
115	Alkaloids, Amides and Antispasmodic Activity of Zanthoxylum hyemale. Planta Medica, 2002, 68, 534-538.	0.7	26
116	Using Efinol^{Â®}L during transportation of marbled hatchetfish,Carnegiella strigata(GÃ¼nther). Aquaculture Research, 2008, 39, 1292-1298.	0.9	26
117	Effects of anesthesia with the essential oil of Ocimum gratissimum L. in parameters of fish stress. Revista Brasileira De Plantas Medicinais, 2015, 17, 215-223.	0.3	26
118	Imazapyr+imazapic herbicide determines acute toxicity in silver catfish Rhamdia quelen. Ecotoxicology and Environmental Safety, 2016, 128, 91-99.	2.9	26
119	Aloysia triphylla essential oil as additive in silver catfish diet: Blood response and resistance against Aeromonas hydrophila infection. Fish and Shellfish Immunology, 2017, 62, 213-216.	1.6	26
120	Effect of Salt in the Water for Transport on Survival and on Na+and K+Body Levels of Silver Catfish,Rhamdia quelen, Fingerlings. Journal of Applied Aquaculture, 1999, 9, 1-9.	0.7	25
121	Water pH and urinary excretion in silver catfish Rhamdia quelen. Journal of Fish Biology, 2007, 70, 50-64.	0.7	25
122	Toxicity of Cadmium for Silver Catfish Rhamdia quelen (Heptapteridae) Embryos and Larvae at Different Alkalinities. Archives of Environmental Contamination and Toxicology, 2008, 54, 274-282.	2.1	25
123	Essential oils of Cunila galioides and Origanum majorana as anesthetics for Rhamdia quelen: efficacy and effects on ventilation and ionoregulation. Neotropical Ichthyology, 2017, 15, .	0.5	25
124	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.	3.9	25
125	Anesthesia of tambaqui Colossoma macropomum (Characiformes: Serrasalmidae) with the essential oils of Aniba rosaeodora and Aniba parviflora and their major compound, linalool. Neotropical Ichthyology, 2018, 16, .	0.5	25
126	Water pH and metabolic parameters in silver catfish (Rhamdia quelen). Biochemical Systematics and Ecology, 2014, 56, 202-208.	0.6	24

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127	Histopathological biomarkers in juvenile silver catfish (Rhamdia quelen) exposed to a sublethal lead concentration. Ecotoxicology and Environmental Safety, 2015, 113, 241-247.	2.9	24
128	Dietary Aloysia triphylla essential oil on growth performance and biochemical and haematological variables in Nile tilapia. Aquaculture, 2020, 519, 734913.	1.7	24
129	SobrevivÃªncia de alevinos de JundiÃ¡ (Rhamdia quelen Quoy & Gaimard, 1824) Ã variaÃ§Ã£o de salinidade da Ã¡gua. Ciencia Rural, 1999, 29, 315-318.	0.3	23
130	Effects of Subchronic Manganese Chloride Exposure on Tambaqui (Colossoma macropomum) Tissues: Oxidative Stress and Antioxidant Defenses. Archives of Environmental Contamination and Toxicology, 2013, 64, 659-667.	2.1	23
131	Rhamdia quelen (Quoy & Gaimard, 1824), submitted to a stressful condition: effect of dietary addition of the essential oil of Lippia alba on metabolism, osmoregulation and endocrinology. Neotropical Ichthyology, 2015, 13, 707-714.	0.5	23
132	Anesthesia and anesthetic action mechanism of essential oils of Aloysia triphylla and Cymbopogon flexuosus in silver catfish (Rhamdia quelen). Veterinary Anaesthesia and Analgesia, 2017, 44, 106-113.	0.3	23
133	Aloysia triphyllaessential oil as food additive forRhamdia quelen- Stress and antioxidant parameters. Aquaculture Nutrition, 2017, 23, 1362-1367.	1.1	23
134	Nanotechnology improves the therapeutic efficacy of Melaleuca alternifolia essential oil in experimentally infected Rhamdia quelen with Pseudomonas aeruginosa. Aquaculture, 2017, 473, 169-171.	1.7	23
135	Vegetable choline improves growth performance, energetic metabolism, and antioxidant capacity of fingerling Nile tilapia (Oreochromis niloticus). Aquaculture, 2019, 501, 224-229.	1.7	23
136	In vitro analysis of intestinal absorption of cadmium and calcium in rainbow trout fed with calcium- and cadmium-supplemented diets. Journal of Fish Biology, 2006, 69, 658-667.	0.7	22
137	Nitrogenous and phosphorus excretions in juvenile silver catfish (Rhamdia quelen) exposed to different water hardness, humic acid, and pH levels. Fish Physiology and Biochemistry, 2013, 39, 837-849.	0.9	22
138	Different feeding habits influence the activity of digestive enzymes in freshwater fish. Ciencia Rural, 2017, 47, .	0.3	22
139	The antibacterial and physiological effects of pure and nanoencapsulated Origanum majorana essential oil on fish infected with Aeromonas hydrophila. Microbial Pathogenesis, 2018, 124, 116-121.	1.3	22
140	(+)-Dehydrofukinone modulates membrane potential and delays seizure onset by GABAa receptor-mediated mechanism in mice. Toxicology and Applied Pharmacology, 2017, 332, 52-63.	1.3	21
141	S-(+)- and R-(-)-linalool: a comparison of the in vitro anti-Aeromonas hydrophila activity and anesthetic properties in fish. Anais Da Academia Brasileira De Ciencias, 2017, 89, 203-212.	0.3	21
142	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.	0.9	21
143	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 Pharmacology, 2019, 218, 8-13.	1.3	21
144	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.	1.7	21

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