

# Carlos Eduardo Copatti

## List of Publications by Year in descending order

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66  
papers

1,047  
citations

471509

17  
h-index

501196

28  
g-index

68  
all docs

68  
docs citations

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times ranked

765  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anesthesia of silver catfish with eugenol: time of induction, cortisol response and sensory analysis of fillet. <i>Ciencia Rural</i> , 2010, 40, 2107-2114.	0.5	94
2	Use of salt during transportation of air breathing pirarucu juveniles ( <i>Arapaima gigas</i> ) in plastic bags. <i>Aquaculture</i> , 2006, 256, 521-528.	3.5	64
3	Essential oil of <i>Aloysia triphylla</i> in Nile tilapia: anaesthesia, stress parameters and sensory evaluation of fillets. <i>Aquaculture Research</i> , 2017, 48, 3383-3392.	1.8	48
4	Antimicrobial and synergistic activity of essential oils of <i>Aloysia triphylla</i> and <i>Lippia alba</i> against <i>Aeromonas</i> spp.. <i>Microbial Pathogenesis</i> , 2017, 113, 29-33.	2.9	41
5	Essential oil from <i>Lippia alba</i> has anaesthetic activity and is effective in reducing handling and transport stress in tambacu ( <i>Piaractus mesopotamicus</i> – <i>Colossoma macropomum</i> ). <i>Aquaculture</i> , 2016, 465, 374-379.	3.5	39
6	Could the essential oil of <i>Lippia alba</i> provide a readily available and cost-effective anaesthetic for Nile tilapia ( <i>Oreochromis niloticus</i> )?. <i>Marine and Freshwater Behaviour and Physiology</i> , 2016, 49, 119-126.	0.9	38
7	Effects of interaction between pH and stocking density on the growth, haematological and biochemical responses of Nile tilapia juveniles. <i>Aquaculture</i> , 2018, 495, 62-67.	3.5	37
8	Evaluation of the effects of <i>Ocimum basilicum</i> essential oil in Nile tilapia diet: growth, biochemical, intestinal enzymes, haematology, lysozyme and antimicrobial challenges. <i>Aquaculture</i> , 2019, 504, 7-12.	3.5	37
9	Salt in the Food and Water as a Supportive Therapy for <i>Ichthyophthirius multifiliis</i> Infestation on Silver Catfish, <i>Rhamdia quelen</i> , Fingerlings. <i>Journal of the World Aquaculture Society</i> , 2007, 38, 1-11.	2.4	36
10	Freshwater temperature in the state of Rio Grande do Sul, Southern Brazil, and its implication for fish culture. <i>Neotropical Ichthyology</i> , 2008, 6, 275-281.	1.0	34
11	Anaesthesia with eugenol in hybrid Amazon catfish ( <i>Pseudoplatystoma reticulatum</i> – Leirarius) Tj ETQq1 1 0.784314 rgBT / Overlock 30	3.5	30
12	Effect of dietary calcium on growth and survival of silver catfish fingerlings, <i>Rhamdia quelen</i> (Heptapteridae), exposed to different water pH. <i>Aquaculture Nutrition</i> , 2005, 11, 345-350.	2.7	27
13	Dietary addition of the essential oil from <i>Lippia alba</i> to Nile tilapia and its effect after inoculation with <i>Aeromonas</i> spp.. <i>Aquaculture Nutrition</i> , 2019, 25, 39-45.	2.7	27
14	Water pH and metabolic parameters in silver catfish ( <i>Rhamdia quelen</i> ). <i>Biochemical Systematics and Ecology</i> , 2014, 56, 202-208.	1.3	24
15	Dietary <i>Aloysia triphylla</i> essential oil on growth performance and biochemical and haematological variables in Nile tilapia. <i>Aquaculture</i> , 2020, 519, 734913.	3.5	24
16	Use of eugenol for the anaesthesia and transportation of freshwater angelfish ( <i>Pterophyllum</i> ) Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 142	3.5	21
17	Essential oil from ginger influences the growth, haematological and biochemical variables and histomorphometry of intestine and liver of Nile tilapia juveniles. <i>Aquaculture</i> , 2021, 534, 736325.	3.5	21
18	Efficiency of essential oils of <i>Ocimum basilicum</i> and <i>Cymbopogon flexuosus</i> in the sedation and anaesthesia of Nile tilapia juveniles. <i>Anais Da Academia Brasileira De Ciencias</i> , 2017, 89, 2971-2974.	0.8	19

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19	Protective effect of high hardness in pacu juveniles ( <i>Piaractus mesopotamicus</i> ) under acidic or alkaline pH: Biochemical and haematological variables. <i>Aquaculture</i> , 2019, 502, 250-257.	3.5	19
20	Effects of whole banana meal inclusion as replacement for corn meal on digestibility, growth performance, haematological and biochemical variables in practical diets for tambaqui juveniles ( <i>Colossoma macropomum</i> ). <i>Aquaculture Reports</i> , 2020, 17, 100307.	1.7	18
21	Metabolic and physiological responses to intraperitoneal injection of chromium oxide in hyperglycaemic Nile tilapia juveniles. <i>Aquaculture</i> , 2020, 517, 734821.	3.5	17
22	Net ion fluxes in the facultative air-breather <i>Hoplosternum littorale</i> (tamoata) and the obligate air-breather <i>Arapaima gigas</i> (pirarucu) exposed to different Amazonian waters. <i>Fish Physiology and Biochemistry</i> , 2008, 34, 405-412.	2.3	16
23	Water pH and hardness alter ATPases and oxidative stress in the gills and kidney of pacu ( <i>Piaractus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5	1.0	16
24	Óleos essenciais de <i>Ocimum basilicum</i> e <i>Cymbopogon flexuosus</i> na seda, anestesia e recuperação de tambacu ( <i>Piaractus mesopotamicus</i> macho x <i>Colossoma macropomum</i> fêmea). <i>Boletim Do Instituto De Pesca</i> , 2016, 42, 727-733.	0.5	15
25	<i>Cymbopogon flexuosus</i> essential oil as an additive improves growth, biochemical and physiological responses and survival against <i>Aeromonas hydrophila</i> infection in Nile tilapia. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20190140.	0.8	14
26	Óleo essencial de <i>Aloysia triphylla</i> é efetivo no transporte de tilápia do Nilo. <i>Boletim Do Instituto De Pesca</i> , 2018, 44, 17-24.	0.5	14
27	Low water hardness and pH affect growth and survival of silver catfish juveniles. <i>Ciencia Rural</i> , 2011, 41, 1482-1487.	0.5	13
28	Antibacterial and antibiofilm activities and synergism with florfenicol from the essential oils of <i>Lippia sidoides</i> and <i>Cymbopogon citratus</i> against <i>Aeromonas hydrophila</i> . <i>Journal of Applied Microbiology</i> , 2022, 132, 1802-1812.	3.1	13
29	Interaction of Water Hardness and pH on Growth of Silver Catfish, <i>Rhamdia quelen</i> , Juveniles. <i>Journal of the World Aquaculture Society</i> , 2011, 42, 580-585.	2.4	12
30	Inclusion of essential oil from ginger in the diet improves physiological parameters of tambaqui juveniles ( <i>Colossoma macropomum</i> ). <i>Aquaculture</i> , 2021, 543, 736934.	3.5	12
31	Assessment the crude grape extract as feed additive for tambaqui ( <i>Colossoma macropomum</i> ), an omnivorous fish. <i>Aquaculture</i> , 2021, 544, 737068.	3.5	12
32	Effects of Water pH and Hardness on Infection of Silver Catfish, <i>Rhamdia quelen</i> , Fingerlings by <i>Ichthyophthirius multifiliis</i> . <i>Journal of the World Aquaculture Society</i> , 2011, 42, 399-405.	2.4	11
33	Can the substrate influence the distribution and composition of benthic macroinvertebrates in streams in northeastern Brazil?. <i>Limnologica</i> , 2017, 63, 27-30.	1.5	11
34	Essential oil of <i>Lippia alba</i> in the transport of Nile tilapia. <i>Ciencia Rural</i> , 2017, 47, .	0.5	11
35	Alkaline water improves the growth and antioxidant responses of pacu juveniles ( <i>Piaractus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5	3.5	11
36	Protective Effect of High Alkalinity Against the Deleterious Effects of Chronic Waterborne Cadmium Exposure on the Detection of Alarm Cues by Juvenile Silver Catfish ( <i>Rhamdia quelen</i> ). <i>Archives of Environmental Contamination and Toxicology</i> , 2009, 56, 770-775.	4.1	10

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37	COMPOSIÇÃO QUÍMICA E AVALIAÇÃO DA ATIVIDADE ANTIMICROBIANA DE DOIS ÓLEOS ESSENCIAIS. Boletim Do Instituto De Pesca, 2018, 44, 176-184.	0.5	10
38	Growth and biochemical variables in Amazon catfish ( <i>Pseudoplatystoma reticulatum</i> x <i>Leiaris</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.8	9
39	Secondary stress responses to hypoxia and reoxygenation at different temperatures in pacu ( <i>Piaractus mesopotamicus</i> ) juveniles. Aquaculture Research, 2020, 51, 4471-4481.	1.8	9
40	Essential oil from <i>Ocimum basilicum</i> improves growth performance and does not alter biochemical variables related to stress in pirarucu ( <i>Arapaima gigas</i> ). Anais Da Academia Brasileira De Ciencias, 2020, 92, e20181374.	0.8	8
41	Acute and sublethal effects of nitrate on haematological and oxidative stress parameters of juvenile mullet ( <i>Mugil liza</i> ) in freshwater. Aquaculture Research, 2022, 53, 3346-3357.	1.8	8
42	Bioassessment using benthic macroinvertebrates of the water quality in the Tigreiro river, Jacuá-Basin; - doi: 10.4025/actascibiolsci.v35i4.18934. Acta Scientiarum - Biological Sciences, 2013, 35, .	0.3	7
43	Tolerance of piava juveniles to different ammonia concentrations. Semina: Ciencias Agrarias, 2015, 36, 3991.	0.3	7
44	Low dissolved oxygen levels increase stress in piava ( <i>Megaleporinus obtusidens</i> ): iono-regulatory, metabolic and oxidative responses. Anais Da Academia Brasileira De Ciencias, 2019, 91, e20180395.	0.8	7
45	Glucose tolerance in six fish species reared in Brazil: Differences between carnivorous and omnivorous. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20201541.	0.8	7
46	Morphological variation in the sexual maturity of three sympatric aeglids in a river in southern Brazil. Journal of Crustacean Biology, 2015, 35, 59-67.	0.8	6
47	Growth, sexual maturity and sexual dimorphism of <i>Aegla georginae</i> (Decapoda: Anomura: Aegliidae) in a tributary of the Ibicuá-River in southern Brazil. Zoologia, 2016, 33, .	0.5	6
48	Ictiofauna da microbacia do Rio Jaguari, Juaguari/RS, Brasil. Biota Neotropica, 2009, 9, 179-186.	1.0	5
49	Avaliação de dano de <i>Sitophilus zeamais</i> , <i>Oryzaephilus surinamensis</i> e <i>Laemophloeus minutus</i> em grãos de arroz armazenados. Revista Brasileira De Engenharia Agrícola E Ambiental, 2013, 17, 855-860.	1.1	5
50	Triploidy induction in tambaqui ( <i>Colossoma macropomum</i> ) using thermal shock: fertilization, survival and growth performance from early larval to the juvenile stage. Journal of Applied Aquaculture, 2022, 34, 989-1004.	1.4	5
51	Variação sazonal e diversidade de peixes do rio Cambará, Bacia do rio Uruguai. Biota Neotropica, 2011, 11, 265-271.	1.0	5
52	Calcium fluxes in <i>Hoplosternum littorale</i> (tamoatã) exposed to different types of Amazonian waters. Neotropical Ichthyology, 2009, 7, 465-470.	1.0	4
53	Uma importante revisão sobre o impacto de agroquímicos da cultura de arroz em peixes. Biota Neotropica, 2009, 9, 235-242.	1.0	4
54	Method of capture and population structure of <i>Aegla georginae</i> Santos and Jara, 2013 (Decapoda:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2016, 76, 1035-1042.	0.9	4

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55	Effects of suspended solids in the survival and haematological parameters of pacu juveniles ( <i>Piaractus mesopotamicus</i> ) in a tropical environment. <i>Journal of Applied Aquaculture</i> , 2023, 35, 276-284.	1.8	4
56	Cold, heat, or double thermal shock in tambaqui ( <i>Colossoma macropomum</i> ): Triploid induction, fertilization rate, growth, and hematological variables. <i>Journal of Applied Aquaculture</i> , 2023, 35, 992-1002.	1.4	4
57	Addition of essential oil from <i>Lippia sidoides</i> to the diet of tambaqui: An analysis of growth, metabolic and blood parameters, and intestinal enzymes. <i>Aquaculture</i> , 2022, 560, 738482.	3.5	4
58	Crude extract from yellow yam ( <i>Dioscorea cayennensis</i> ) in <i>in-vitro</i> <i>Lactobacillus</i> spp. assessment, and as a growth promoter in tambaqui juveniles ( <i>Colossoma macropomum</i> ). <i>Journal of Applied Aquaculture</i> , 2023, 35, 448-472.	1.4	3
59	Composition and diversity of benthic macroinvertebrates in a Brazilian Cerrado stream. <i>Iheringia - Serie Zoologia</i> , 0, 110, .	0.5	2
60	Essential oils from <i>Cymbopogon citratus</i> and <i>Lippia sidoides</i> in the anesthetic induction and transport of ornamental fish <i>Pterophyllum scalare</i> . <i>Fish Physiology and Biochemistry</i> , 2022, 48, 501-519.	2.3	2
61	<i>Macrobrachium rosenbergii</i> fed with essential oil from <i>Lippia alba</i> in the diet in low and high stocking density. <i>Aquaculture Research</i> , 2022, 53, 4577-4587.	1.8	2
62	Dietary salt and water pH effects on growth and Na <sup>+</sup> fluxes of silver catfish juveniles. <i>Acta Scientiarum - Animal Sciences</i> , 2011, 33, .	0.3	1
63	Effects of Electronarcosis on Frozen Fillets Quality of Cobia ( <i>Rachycentron canadum</i> ). <i>Journal of Aquatic Food Product Technology</i> , 2021, 30, 283-295.	1.4	1
64	16.P5. Net ion fluxes in the fishes <i>Hoplosternum littorale</i> and <i>Arapaima gigas</i> exposed to different Amazonian waters. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2007, 148, S70.	1.8	0
65	AVES EM ECÃ“TONO MATA ATLÃ“NTICA-PAMPA NO SUL DO BRASIL. <i>CiÃªncia E Natura</i> , 2014, 35, .	0.0	0
66	Environment quality assessment of a microbasin in southern Brazil through different approaches. <i>AmbiÃªncia</i> , 2014, 10, .	0.1	0