

# Helena C Silva De Assis

## List of Publications by Year in descending order

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92  
papers

3,136  
citations

136740

32  
h-index

182168

51  
g-index

93  
all docs

93  
docs citations

93  
times ranked

3584  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cholinesterases of marine teleost fish: enzymological characterization and potential use in the monitoring of neurotoxic contamination. <i>Marine Environmental Research</i> , 1999, 47, 389-398.	1.1	163
2	Effects of dietary Pb(II) and tributyltin on neotropical fish, <i>Hoplias malabaricus</i> : histopathological and biochemical findings. <i>Ecotoxicology and Environmental Safety</i> , 2005, 60, 147-156.	2.9	151
3	Effects of deltamethrin on hematological parameters and enzymatic activity in <i>Ancistrus multispinis</i> (Pisces, Teleostei). <i>Pesticide Biochemistry and Physiology</i> , 2007, 88, 122-127.	1.6	109
4	Morphological and Neurotoxicological Findings in Tropical Freshwater Fish ( <i>Astyanax</i> sp.) After Waterborne and Acute Exposure to Water Soluble Fraction (WSF) of Crude Oil. <i>Archives of Environmental Contamination and Toxicology</i> , 2004, 46, 244-253.	2.1	106
5	Effects of trophic exposure to dexamethasone and diclofenac in freshwater fish. <i>Ecotoxicology and Environmental Safety</i> , 2015, 114, 204-211.	2.9	96
6	Effects of the herbicide atrazine in neotropical catfish ( <i>Rhamdia quelen</i> ). <i>Ecotoxicology and Environmental Safety</i> , 2013, 93, 13-21.	2.9	94
7	Toward sustainable environmental quality: Identifying priority research questions for Latin America. <i>Integrated Environmental Assessment and Management</i> , 2018, 14, 344-357.	1.6	79
8	Effects of environmentally relevant concentrations of the anti-inflammatory drug diclofenac in freshwater fish <i>Rhamdia quelen</i> . <i>Ecotoxicology and Environmental Safety</i> , 2017, 139, 291-300.	2.9	77
9	Enzymatic inhibition and morphological changes in <i>Hoplias malabaricus</i> from dietary exposure to lead(II) or methylmercury. <i>Ecotoxicology and Environmental Safety</i> , 2007, 67, 82-88.	2.9	74
10	Effects of low concentrations of ibuprofen on freshwater fish <i>Rhamdia quelen</i> . <i>Environmental Toxicology and Pharmacology</i> , 2018, 59, 105-113.	2.0	74
11	The effect of trichlorfon on acetylcholinesterase activity and histopathology of cultivated fish <i>Oreochromis niloticus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2007, 68, 57-62.	2.9	70
12	Paracetamol causes endocrine disruption and hepatotoxicity in male fish <i>Rhamdia quelen</i> after subchronic exposure. <i>Environmental Toxicology and Pharmacology</i> , 2017, 53, 111-120.	2.0	62
13	Multibiomarker assessment of three Brazilian estuaries using oysters as bioindicators. <i>Environmental Research</i> , 2007, 105, 350-363.	3.7	60
14	Toxic effects of DDT and methyl mercury on the hepatocytes from <i>Hoplias malabaricus</i> . <i>Toxicology in Vitro</i> , 2008, 22, 1705-1713.	1.1	59
15	Effects of ecologically relevant concentrations of cadmium in a freshwater fish. <i>Ecotoxicology and Environmental Safety</i> , 2016, 130, 29-36.	2.9	59
16	First report about saxitoxins in freshwater fish <i>Hoplias malabaricus</i> through trophic exposure. <i>Toxicon</i> , 2011, 57, 141-147.	0.8	58
17	Analyses of paralytic shellfish toxins and biomarkers in a southern Brazilian reservoir. <i>Toxicon</i> , 2010, 55, 396-406.	0.8	56
18	Biomarkers of waterborne copper exposure in the Neotropical fish <i>Prochilodus lineatus</i> . <i>Aquatic Toxicology</i> , 2016, 170, 31-41.	1.9	56

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19	Evaluation of multiwalled carbon nanotubes toxicity in two fish species. <i>Ecotoxicology and Environmental Safety</i> , 2018, 150, 215-223.	2.9	56
20	Risks of waterborne copper exposure to a cultivated freshwater Neotropical catfish ( <i>Rhamdia</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	2.9	53
21	An assessment of acute biomarker responses in the demersal catfish <i>Cathorops spixii</i> after the Vicuña Oil Spill in a harbour estuarine area in Southern Brazil. <i>Environmental Monitoring and Assessment</i> , 2009, 152, 209-22.	1.3	47
22	Evaluation of Tributyltin Subchronic Effects in Tropical Freshwater Fish ( <i>Astyanax bimaculatus</i> ,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	2.9	46
23	Effects of trophic exposure to diclofenac and dexamethasone on hematological parameters and immune response in freshwater fish. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 975-982.	2.2	45
24	Multibiomarker in fish to evaluate a river used to water public supply. <i>Chemosphere</i> , 2015, 135, 257-264.	4.2	44
25	Subchronic effects of dipyrone on the fish species <i>Rhamdia quelen</i> . <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 342-349.	2.9	41
26	Evaluation of waterborne exposure to oil spill 5 years after an accident in Southern Brazil. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 400-409.	2.9	38
27	Sublethal Effects of Waterborne Herbicides in Tropical Freshwater Fish. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2011, 87, 603-607.	1.3	37
28	Estrogen-like Effects in Male Goldfish Co-exposed to Fluoxetine and 17 Alpha-Ethinylestradiol. <i>Environmental Science &amp; Technology</i> , 2013, 47, 5372-5382.	4.6	37
29	Integrated biomarker response index to assess toxic effects of environmentally relevant concentrations of paracetamol in a neotropical catfish ( <i>Rhamdia quelen</i> ). <i>Ecotoxicology and Environmental Safety</i> , 2019, 182, 109438.	2.9	37
30	Monitoring water quality in reservoirs for human supply through multi-biomarker evaluation in tropical fish. <i>Journal of Environmental Monitoring</i> , 2012, 14, 615-625.	2.1	35
31	Effects of anti-inflammatory drugs in primary kidney cell culture of a freshwater fish. <i>Fish and Shellfish Immunology</i> , 2014, 40, 296-303.	1.6	35
32	Mesotrione herbicide promotes biochemical changes and DNA damage in two fish species. <i>Toxicology Reports</i> , 2015, 2, 1157-1163.	1.6	35
33	A multibiomarker evaluation of urban, industrial, and agricultural exposure of small characins in a large freshwater basin in southern Brazil. <i>Environmental Science and Pollution Research</i> , 2015, 22, 13263-13277.	2.7	35
34	Biochemical biomarkers of exposure to deltamethrin in freshwater fish, <i>Ancistrus multispinis</i> . <i>Brazilian Archives of Biology and Technology</i> , 2009, 52, 1401-1407.	0.5	31
35	Potential risks of natural mercury levels to wild predator fish in an Amazon reservoir. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 4815-4827.	1.3	31
36	Saxitoxins induce cytotoxicity, genotoxicity and oxidative stress in teleost neurons in vitro. <i>Toxicol</i> , 2014, 86, 8-15.	0.8	31

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37	Chronic genetic damages in <i>Geophagus brasiliensis</i> exposed to anthropic impact in Estuarine Lakes at Santa Catarina Coast—Southern of Brazil. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 2045-2056.	1.3	30
38	Hematologic and hepatic responses of the freshwater fish <i>Hoplias malabaricus</i> after saxitoxin exposure. <i>Toxicol</i> , 2013, 66, 25-30.	0.8	30
39	Water quality assessment of the Tubarão River through chemical analysis and biomarkers in the Neotropical fish <i>Geophagus brasiliensis</i> . <i>Environmental Science and Pollution Research</i> , 2014, 21, 9145-60.	2.7	30
40	Biochemical changes in the liver and gill of <i>Cathorops spixii</i> collected seasonally in two Brazilian estuaries under varying influences of anthropogenic activities. <i>Ecotoxicology and Environmental Safety</i> , 2013, 96, 220-230.	2.9	28
41	In Situ Assessment of a Neotropical Fish to Evaluate Pollution in a River Receiving Agricultural and Urban Wastewater. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2014, 93, 699-709.	1.3	28
42	Evaluation of Biochemical, Genetic and Hematological Biomarkers in a Commercial Catfish <i>Rhamdia quelen</i> Exposed to Diclofenac. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 96, 49-54.	1.3	28
43	Integrated assessment of sediment contaminant levels and biological responses in sentinel fish species <i>Atherinella brasiliensis</i> from a sub-tropical estuary in south Atlantic. <i>Chemosphere</i> , 2019, 219, 15-27.	4.2	28
44	Co-exposure to titanium dioxide nanoparticles (NpTiO <sub>2</sub> ) and lead at environmentally relevant concentrations in the Neotropical fish species <i>Hoplias intermedius</i> . <i>Toxicology Reports</i> , 2018, 5, 1032-1043.	1.6	27
45	Antioxidant responses in estuarine invertebrates exposed to repeated oil spills: Effects of frequency and dosage in a field manipulative experiment. <i>Aquatic Toxicology</i> , 2016, 177, 237-249.	1.9	25
46	Biochemical responses in freshwater fish after exposure to water-soluble fraction of gasoline. <i>Chemosphere</i> , 2016, 144, 1467-1474.	4.2	25
47	Celecoxib prevents tumor growth in an animal model by a COX-2 independent mechanism. <i>Cancer Chemotherapy and Pharmacology</i> , 2010, 65, 267-276.	1.1	24
48	Exposure of <i>Ancistrus multispinis</i> (Regan, 1912, Pisces, Teleostei) to deltamethrin: Effects on cellular immunity. <i>Fish and Shellfish Immunology</i> , 2008, 25, 528-532.	1.6	22
49	Visible-light reduced silver nanoparticles'™ toxicity in <i>Allium cepa</i> test system. <i>Environmental Pollution</i> , 2020, 257, 113551.	3.7	22
50	A retrospective analysis to explore the applicability of fish biomarkers and sediment bioassays along contaminated salinity transects. <i>ICES Journal of Marine Science</i> , 2009, 66, 2089-2105.	1.2	21
51	Phytoremediation: green technology for the removal of mixed contaminants of a water supply reservoir. <i>International Journal of Phytoremediation</i> , 2019, 21, 372-379.	1.7	21
52	The accumulation dynamics, elimination and risk assessment of paralytic shellfish toxins in fish from a water supply reservoir. <i>Science of the Total Environment</i> , 2019, 651, 3222-3229.	3.9	21
53	Insecticides biomarker responses on a freshwater fish <i>Corydoras paleatus</i> (Pisces: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50) and Agricultural Wastes, 2013, 48, 272-277.	0.7	20
54	Embryotoxicity and Biotransformation Responses in Zebrafish Exposed to Water-Soluble Fraction of Crude Oil. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2011, 86, 389-393.	1.3	19

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55	Assessment of the sublethal toxicity of organochlorine pesticide endosulfan in juvenile common carp ( <i>Cyprinus carpio</i> ). Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2012, 47, 1652-1658.	0.9	19
56	Multivariate and integrative approach to analyze multiple biomarkers in ecotoxicology: A field study in Neotropical region. Science of the Total Environment, 2017, 609, 1208-1218.	3.9	19
57	Low malathion concentrations influence metabolism in <i>Chironomus sancti-caroli</i> (Diptera,). Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50	0.1	18
58	Bioaccumulation of butyltins and liver damage in the demersal fish <i>Cathorops spixii</i> (Siluriformes,). Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	2.7	18
59	Pseudoreplication and the usage of biomarkers in ecotoxicological bioassays. Environmental Toxicology and Chemistry, 2017, 36, 2868-2874.	2.2	18
60	Acute and long-term effects of trophic exposure to silver nanospheres in the central nervous system of a neotropical fish <i>Hoplias intermedius</i> . NeuroToxicology, 2017, 63, 146-154.	1.4	18
61	Neurotoxins in a water supply reservoir: An alert to environmental and human health. Toxicon, 2017, 126, 12-22.	0.8	17
62	Integrated biomarker response in catfish <i>Hypostomus ancistroides</i> by multivariate analysis in the Pirapã River, southern Brazil. Chemosphere, 2016, 161, 69-79.	4.2	16
63	Photochemical degradation increases polycyclic aromatic hydrocarbon (PAH) toxicity to the grouper <i>Epinephelus marginatus</i> as assessed by multiple biomarkers. Chemosphere, 2016, 144, 540-547.	4.2	16
64	Inhibition of immune responses and related proteins in <i>Rhamdia quelen</i> exposed to diclofenac. Environmental Toxicology and Chemistry, 2017, 36, 2092-2107.	2.2	16
65	Antioxidants effects and resistance against pathogens of <i>Colossoma macropomum</i> (Serassalmidae) fed <i>Mentha piperita</i> essential oil. Aquaculture, 2018, 490, 29-34.	1.7	16
66	Bioaccumulation and related effects of PCBs and organochlorinated pesticides in freshwater fish <i>Hypostomus commersoni</i> . Journal of Environmental Monitoring, 2012, 14, 2154.	2.1	15
67	Antioxidant imbalance and genotoxicity detected in fish induced by titanium dioxide nanoparticles (NpTiO <sub>2</sub> ) and inorganic lead (PbII). Environmental Toxicology and Pharmacology, 2019, 67, 42-52.	2.0	15
68	Multiple biomarkers response in a Neotropical fish exposed to paralytic shellfish toxins (PSTs). Chemosphere, 2020, 238, 124616.	4.2	15
69	Using Multibiomarker Approach as a Tool to Improve the Management Plan for a Private Reserve of Natural Heritage (RPPN). Bulletin of Environmental Contamination and Toxicology, 2014, 92, 602-608.	1.3	14
70	Oxidative stress in two tropical species after exposure to diesel oil. Environmental Science and Pollution Research, 2016, 23, 20952-20962.	2.7	14
71	Depuration time and sublethal effects of microcystins in a freshwater fish from water supply reservoir. Chemosphere, 2018, 210, 805-815.	4.2	14
72	Toxicological effects of anthropogenic activities in <i>Geophagus brasiliensis</i> from a coastal river of southern Brazil: A biomarker approach. Science of the Total Environment, 2019, 667, 371-383.	3.9	14

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73	Sublethal biochemical, histopathological and genotoxicological effects of short-term exposure to ciprofloxacin in catfish <i>Rhamdia quelen</i> . <i>Environmental Pollution</i> , 2022, 300, 118935.	3.7	14
74	Use of hepatocytes from <i>Hoplias malabaricus</i> to characterize the toxicity of a complex mixture of lipophilic halogenated compounds. <i>Toxicology in Vitro</i> , 2007, 21, 706-715.	1.1	13
75	Cytotoxicity and enzymatic biomarkers as early indicators of benthic responses to the soluble-fraction of diesel oil. <i>Ecotoxicology and Environmental Safety</i> , 2018, 164, 21-31.	2.9	13
76	Sublethal effects of microcystin-LR in the exposure and depuration time in a neotropical fish: Multibiomarker approach. <i>Ecotoxicology and Environmental Safety</i> , 2019, 183, 109527.	2.9	13
77	Antioxidant defense responses in <i>Mytella guyanensis</i> (Lamarck, 1819) exposed to an experimental diesel oil spill in Paranaguá Bay (Paraná, Brazil). <i>Ecotoxicology and Environmental Safety</i> , 2014, 107, 269-275.	2.9	12
78	Subchronic toxic effects of tributyltin (TBT) and inorganic lead (PbII) in rats. <i>Environmental Toxicology and Pharmacology</i> , 2005, 19, 113-120.	2.0	11
79	Evaluation of the water quality of the upper reaches of the main Southern Brazil river (Iguaçu river) through in situ exposure of the native siluriform <i>Rhamdia quelen</i> in cages. <i>Environmental Pollution</i> , 2017, 231, 1245-1255.	3.7	11
80	Cloning, partial sequencing and expression analysis of the neural form of P450 aromatase ( <i>cyp19a1b</i> ) in the South America catfish <i>Rhamdia quelen</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2018, 221-222, 11-17.	0.7	10
81	Tissue-specific genotoxicity and antioxidant imbalance of titanium dioxide nanoparticles (NPTiO <sub>2</sub> ) and inorganic lead (PbII) in a neotropical fish species. <i>Environmental Toxicology and Pharmacology</i> , 2021, 82, 103551.	2.0	10
82	Factors that alter the biochemical biomarkers of environmental contamination in <i>Chironomus sancticarloi</i> (Diptera, Chironomidae). <i>Revista Brasileira De Entomologia</i> , 2016, 60, 341-346.	0.1	9
83	Anticholinesterasic Activity of Endosulfan in Wistar Rats. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2011, 86, 368-372.	1.3	8
84	Toxicity assessment of 2,4-D and MCPA herbicides in primary culture of fish hepatic cells. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2015, 50, 449-455.	0.7	8
85	Evaluation of Resistance Management for the Oriental Fruit Moth (Lepidoptera: Tortricidae) to Insecticides in Brazilian Apple Orchards. <i>Journal of Economic Entomology</i> , 2020, 113, 1411-1418.	0.8	8
86	Sediment contamination and toxic effects on Violet Goby fish ( <i>Gobioides broussonnetii</i> - Gobiidae) from a marine protected area in South Atlantic. <i>Environmental Research</i> , 2021, 195, 110308.	3.7	8
87	Cytochrome P450 detection in liver of the catfish <i>Ancistrus multispinis</i> (Osteichthyes, Loricariidae). <i>Brazilian Archives of Biology and Technology</i> , 2010, 53, 361-368.	0.5	7
88	Modulatory effect of nano TiO <sub>2</sub> on Pb in <i>Hoplias malabaricus</i> trophically exposed. <i>Environmental Toxicology and Pharmacology</i> , 2014, 38, 71-78.	2.0	7
89	Diets containing residual microalgae biomass protect fishes against oxidative stress and DNA damage. <i>Journal of Applied Phycology</i> , 2019, 31, 2933-2940.	1.5	6
90	Synthesis, Characterization, and Low-Toxicity Study of a Magnesium(II) Complex Containing an Isovannillate Group. <i>ACS Omega</i> , 2020, 5, 3504-3512.	1.6	5

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91	Cloning, partial sequencing and 17 $\beta$ -estradiol modulation of hepatic vitellogenin gene of the Neotropical catfish <i>Rhamdia quelen</i> . <i>Journal of Applied Ichthyology</i> , 2021, 37, 545-552.	0.3	4
92	Resistance of oriental fruit moth (Lepidoptera: tortricidae) to insecticides in apple orchards in southern Brazil. <i>Revista Brasileira De Fruticultura</i> , 2018, 40, .	0.2	1