

Edison Barbieri

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93
papers

1,034
citations

19
h-index

26
g-index

140
ext. papers

1,234
ext. citations

1.9
avg, IF

4.88
L-index

#	Paper	IF	Citations
93	Ecotoxicological effects of carbofuran and oxidised multiwalled carbon nanotubes on the freshwater fish Nile tilapia: nanotubes enhance pesticide ecotoxicity. <i>Ecotoxicology and Environmental Safety</i> , 2015 , 111, 131-7	7	48
92	Acute toxicity of ammonia in white shrimp (<i>Litopenaeus schmitti</i>) (Burkenroad, 1936, Crustacea) at different salinity levels. <i>Aquaculture</i> , 2010 , 306, 329-333	4.4	41
91	Environmental impact of biogenic silver nanoparticles in soil and aquatic organisms. <i>Chemosphere</i> , 2020 , 239, 124698	8.4	39
90	Acute toxicity of ammonia in Pacu fish (<i>Piaractus mesopotamicus</i> , Holmberg, 1887) at different temperatures levels. <i>Aquaculture Research</i> , 2015 , 46, 565-571	1.9	38
89	Effects of zinc and cadmium on oxygen consumption and ammonium excretion in pink shrimp (<i>Farfantepenaeus paulensis</i> , Pêz-Farfante, 1967, Crustacea). <i>Ecotoxicology</i> , 2009 , 18, 312-8	2.9	35
88	Assessment of trace metal concentration in feathers of seabird (<i>Larus dominicanus</i>) sampled in the Florianópolis, SC, Brazilian coast. <i>Environmental Monitoring and Assessment</i> , 2010 , 169, 631-8	3.1	35
87	Effects of the organophosphate pesticide Folidol 600 on the freshwater fish, Nile Tilapia (<i>Oreochromis niloticus</i>). <i>Pesticide Biochemistry and Physiology</i> , 2011 , 99, 209-214	4.9	31
86	The use of oxygen consumption and ammonium excretion to evaluate the toxicity of cadmium on <i>Farfantepenaeus paulensis</i> with respect to salinity. <i>Chemosphere</i> , 2011 , 84, 9-16	8.4	31
85	Use of oxygen consumption and ammonium excretion to evaluate the sublethal toxicity of cadmium and zinc on <i>Litopenaeus schmitti</i> (Burkenroad, 1936, Crustacea). <i>Water Environment Research</i> , 2007 , 79, 641-6	2.8	31
84	Concentration of heavy metals in tissues of green turtles (<i>Chelonia mydas</i>) sampled in the Cananã estuary, Brazil. <i>Brazilian Journal of Oceanography</i> , 2009 , 57, 243-248	1.8	27
83	The use of metabolism to evaluate the toxicity of dodecyl benzen sodium sulfonate (LAS-C12) on the <i>Mugil platanus</i> (mullet) according to the temperature and salinity. <i>Journal of Experimental Marine Biology and Ecology</i> , 2002 , 277, 109-127	2.1	27
82	Histopathological alterations in the gills of Nile tilapia exposed to carbofuran and multiwalled carbon nanotubes. <i>Ecotoxicology and Environmental Safety</i> , 2016 , 133, 481-8	7	26
81	Co-exposure of graphene oxide with trace elements: Effects on acute ecotoxicity and routine metabolism in <i>Palaemon pandaliformis</i> (shrimp). <i>Chemosphere</i> , 2019 , 223, 157-164	8.4	24
80	USE OF METABOLISM TO EVALUATE THE SUBLETHAL TOXICITY OF MERCURY ON FARFANTEPANEUS BRASILIENSIS LARVAE (LATREILLE 1817, CRUSTACEAN). <i>Journal of Shellfish Research</i> , 2005 , 24, 1229-1233	1	24
79	Histopathological Effects on Gills of Nile Tilapia (<i>Oreochromis niloticus</i> , Linnaeus, 1758) Exposed to Pb and Carbon Nanotubes. <i>Microscopy and Microanalysis</i> , 2016 , 22, 1162-1169	0.5	23
78	Ecotoxicological analysis during the removal of carbofuran in fungal bioaugmented matrices. <i>Chemosphere</i> , 2016 , 144, 864-71	8.4	22
77	Bioecology of the crab, <i>Ucides cordatus</i> (Linnaeus, 1763), in Vitória Bay, Espírito Santo State, Brazil. <i>Brazilian Journal of Oceanography</i> , 2010 , 58, 153-163	1.8	22

76	The effects of different temperature and salinity levels on the acute toxicity of zinc in the Pink Shrimp (<i>Farfantepenaeus paulensis</i>). <i>Marine and Freshwater Behaviour and Physiology</i> , 2011 , 44, 251-263 ^{1.1}	21
75	Coating carbon nanotubes with humic acid using an eco-friendly mechanochemical method: Application for Cu(II) ions removal from water and aquatic ecotoxicity. <i>Science of the Total Environment</i> , 2017 , 607-608, 1479-1486	10.2 19
74	Effect of 2,4-D herbicide (2,4-dichlorophenoxyacetic acid) on oxygen consumption and ammonium excretion of juveniles of <i>Geophagus brasiliensis</i> (Quoy & Gaimard, 1824) (Osteichthyes, Cichlidae). <i>Ecotoxicology</i> , 2009 , 18, 55-60	2.9 19
73	Effects of multiwalled carbon nanotubes and carbofuran on metabolism in <i>Astyanax ribeirae</i> , a native species. <i>Fish Physiology and Biochemistry</i> , 2019 , 45, 417-426	2.7 19
72	Geospatial Analysis of Barrier Island Width of Two Segments of the Outer Banks, North Carolina, USA: Anthropogenic Curtailment of Natural Self-Sustaining Processes. <i>Journal of Coastal Research</i> , 2008 , 241, 70-83	0.6 18
71	Occurrence of plastic particles in procellariiforms, south of Sã Paulo state (Brazil). <i>Brazilian Archives of Biology and Technology</i> , 2009 , 52, 341-348	1.8 18
70	Use of metabolism and swimming activity to evaluate the sublethal toxicity of surfactant (LAS-C12) on <i>Mugil platanus</i> . <i>Brazilian Archives of Biology and Technology</i> , 2007 , 50, 101-112	1.8 18
69	Effects of Lead in white shrimp (<i>Litopenaeus schmitti</i>) metabolism regarding salinity. <i>Mundo Da Saude</i> , 2014 , 38, 16-23	1.8 17
68	Metabolic effects in the freshwater fish <i>Geophagus iporangensis</i> in response to single and combined exposure to graphene oxide and trace elements. <i>Chemosphere</i> , 2020 , 243, 125316	8.4 17
67	Carbon nanotubes enhanced the lead toxicity on the freshwater fish. <i>Journal of Physics: Conference Series</i> , 2013 , 429, 012043	0.3 16
66	Acute toxicity of ammonia on juvenile cobia (<i>Rachycentron canadum</i> , Linnaeus, 1766) according to the salinity. <i>Aquaculture International</i> , 2012 , 20, 373-382	2.6 14
65	Ictiofauna acompanhante na pesca artesanal do camarã sete-barbas (<i>Xiphopenaeus kroyeri</i>) no litoral sul do Brasil. <i>Biota Neotropica</i> , 2013 , 13, 165-175	12
64	The use of active metabolism and swimming activity to evaluate the toxicity of dodecyl benzene sodium sulfonate (LAS-C12) on the <i>Mugil platanus</i> (Mullet) according to temperature and salinity. <i>Water Environment Research</i> , 2007 , 79, 707-19	2.8 12
63	Distribution and Abundance of Charadriidae at Ilha Comprida, Sã Paulo State, Brazil. <i>Journal of Coastal Research</i> , 2005 , 212, e1-e10	0.6 11
62	Titanium dioxide nanoparticles alters routine metabolism and causes histopathological alterations in <i>Oreochromis niloticus</i> . <i>Boletim Do Instituto De Pesca</i> , 2018 , 44, 343-343	1.5 11
61	Metal trace elements in mussels in Urubuqueãba Island, Santos Bay, Brazil. <i>Pesquisa Agropecuaria Brasileira</i> , 2017 , 52, 1131-1139	1.8 10
60	The birds at Ilha Comprida beach (Sã Paulo State, Brazil): a multivariate approach. <i>Biota Neotropica</i> , 2008 , 8, 41-50	10
59	Nitrite toxicity to <i>Litopenaeus schmitti</i> (Burkenroad, 1936, Crustacea) at different salinity levels. <i>Aquaculture Research</i> , 2016 , 47, 1260-1268	1.9 10

58	Assessment of acute toxicity of carbofuran in <i>Macrobrachium olfersii</i> (Wiegmann, 1836) at different temperature levels. <i>Toxicology and Industrial Health</i> , 2016 , 32, 7-14	1.8	9
57	Effects of cadmium and zinc on oxygen consumption and ammonia excretion of the sea-bob shrimp, according to the temperature. <i>Boletim Do Instituto De Pesca</i> , 2013 , 39, 299-309	1.5	9
56	Ciclos sazonais da carcinofauna capturada na pesca do camarão-sete-barbas, <i>Xiphopenaeus kroyeri</i> no litoral de Santa Catarina. <i>Boletim Do Instituto De Pesca</i> , 2016 , 42, 648-661	1.5	9
55	<i>Escherichia coli</i> detection and identification in shellfish from southeastern Brazil. <i>Aquaculture</i> , 2019 , 504, 158-163	4.4	8
54	Estudo da toxicidade aguda e alterações metabólicas provocadas pela exposição do cádmio sobre o peixe <i>Hyphessobrycon callistus</i> utilizado como indicador de saúde ambiental. <i>Mundo Da Saude</i> , 2012 , 36, 574-580	1.8	8
53	Efeito do chumbo em nível de oxigênio e amônia no camarão rosa (<i>Farfantepenaeus paulensis</i>) em relação à salinidade. <i>Mundo Da Saude</i> , 2012 , 36, 594-601	1.8	8
52	Economic feasibility for the production of live baits of lambari (<i>Deuterodon iguape</i>) in recirculation system. <i>Boletim Do Instituto De Pesca</i> , 2019 , 45, e516	1.5	8
51	Lambari fish <i>Deuterodon iguape</i> as an alternative to live bait for estuarine recreational fishing. <i>Fisheries Management and Ecology</i> , 2018 , 25, 400-407	1.8	8
50	Coliform density in oyster culture waters and its relationship with environmental factors. <i>Pesquisa Agropecuaria Brasileira</i> , 2013 , 48, 833-840	1.8	7
49	Assessment of trace metal levels in catfish (<i>Cathorops spixii</i>) from Sal River estuary, Aracaju, state of Sergipe, northeastern Brazil. <i>Water Environment Research</i> , 2010 , 82, 2301-5	2.8	7
48	Biodiversidade: ocorrência da espécie exótica <i>Litopenaeus Vannamei</i> (Boone, 1931) no complexo estuarino-lagunar de Cananã-Iguape-Ilha Comprida. <i>Mundo Da Saude</i> , 2006 , 30, 654-659	1.8	7
47	Análise da ocorrência de metais: Ni, Zn, Cu, Pb e Cd em ostras (<i>Crassostrea brasiliana</i>) e sedimentos coletados no Estuário de Cananeia-SP (Brasil). <i>Mundo Da Saude</i> , 2012 , 36, 635-652	1.8	7
46	Biologia e pesca do camarão sete-barbas nos estados nordestinos brasileiros onde não há regulamentação do período de defeso. <i>Boletim Do Instituto De Pesca</i> , 2013 , 39, 217-235	1.5	7
45	Trace elements concentrations in Buff-breasted Sandpiper sampled in Lagoa do Peixe National Park, Southern Brazil. <i>Brazilian Journal of Biology</i> , 2015 , 75, 932-5	1.5	6
44	Variação sazonal e abundância de <i>Rynchops niger</i> no estuário de Cananã-Iguape-Ilha Comprida, São Paulo. <i>Biota Neotropica</i> , 2007 , 7, 21-26		6
43	Interlab study on nanotoxicology of representative graphene oxide. <i>Journal of Physics: Conference Series</i> , 2015 , 617, 012019	0.3	5
42	Determinação de coliformes na água e no tecido mole das ostras extraídas em Cananã, São Paulo, Brasil. <i>Engenharia Sanitaria E Ambiental</i> , 2015 , 20, 111-118	0.4	5
41	Flutuações mensais na abundância dos Charadriidae e Scolopacidae da praia da Ilha Comprida, São Paulo, Brasil. <i>Biota Neotropica</i> , 2013 , 13, 268-277		5

40	Reprodução da ave piru-piru (<i>Haematopus palliatus</i> , Temminck 1820, Haematopodidae) no litoral sul do Estado de São Paulo, Brasil. <i>Biota Neotropica</i> , 2009 , 9, 285-288		5
39	Oxygen consumption and ammonia excretion of juvenile pink shrimp (<i>Farfantepenaeus paulensis</i>) in culture: temperature effects. <i>Marine and Freshwater Behaviour and Physiology</i> , 2016 , 49, 19-25	1.1	4
38	A comparison of foraging between the South American and Cabot's Tern in southern Brazil. <i>Biota Neotropica</i> , 2011 , 11, 189-196		4
37	Variação sazonal do gaivotão (<i>Larus dominicanus</i>) durante o ano de 2005 no estuário de Cananã-Iguape-Ilha Comprida, São Paulo, Brasil. <i>Biota Neotropica</i> , 2008 , 8, 97-102		4
36	Variação sazonal de aves marinhas no baio do Arrozal, município de Cananeia-SP. <i>Mundo Da Saude</i> , 2011 , 35, 71-83	1.8	4
35	Determinação da toxicidade aguda de cloreto de amônia para uma espécie de peixe (<i>Hyphessobrycon callistus</i>) indicadora regional. <i>Mundo Da Saude</i> , 2011 , 35, 401-407	1.8	4
34	Microbiological quality of shellfish and evaluation of compact dry EC for detecting total coliforms and <i>Escherichia coli</i> . <i>Acta Alimentaria</i> , 2020 , 49, 32-39	1	4
33	Avaliação dos Impactos ambientais e socioeconômicos da aquicultura na região estuarina-lagunar de Cananã, São Paulo, Brasil. <i>Journal of Integrated Coastal Zone Management</i> , 2014 , 14, 385-398	1	4
32	Effects of low salinity on juvenile pink shrimp <i>Farfantepenaeus paulensis</i> (Perez-Farfante 1967, Crustacea). <i>Marine and Freshwater Behaviour and Physiology</i> , 2014 , 47, 273-283	1.1	3
31	Seasonal Abundance and Distribution of Larids at Ilha Comprida (São Paulo State, Brazil). <i>Journal of Coastal Research</i> , 2008 , 1, 70-78	0.6	3
30	Biodiversidade das aves do manguezal da 13 de julho em Aracaju, Sergipe. <i>Mundo Da Saude</i> , 2008 , 32, 317-328	1.8	3
29	Flutuações sazonal e diária das aves aquáticas no Saco da Fazenda, Itajaí-SC. <i>Mundo Da Saude</i> , 2011 , 35, 47-54	1.8	3
28	Microbiological quality of cultivation water used for oysters marketed in Cananeia-SP, Brazil. <i>Mundo Da Saude</i> , 2012 , 36, 541-547	1.8	3
27	Densidade colimétrica das fezes de extrativismo de ostras em relação aos fatores ambientais em Cananeia (SP). <i>Engenharia Sanitaria E Ambiental</i> , 2014 , 19, 165-171	0.4	3
26	Biologia populacional de <i>Callinectes ornatus</i> associada à pesca do camarão-sete-barbas, rio São Francisco (Alagoas e Sergipe, Brasil). <i>Boletim Do Instituto De Pesca</i> , 2016 , 42, 449-456	1.5	3
25	Al, Cd, Cr, Cu, Fe, Mn, Ni, Pb, and Zn in mussels collected in Santos bay, São Paulo, Brazil: limits required by local legislation. <i>Boletim Do Instituto De Pesca</i> , 2018 , 44, 374	1.5	3
24	Sublethal effects of propiconazole on the metabolism of lambari <i>Deuterodon iguape</i> (Eigenmann 1907), a native species from Brazil. <i>Fish Physiology and Biochemistry</i> , 2021 , 47, 1165-1177	2.7	3
23	Occurrence of <i>Stercorarius pomarinus</i> (Temminck, 1815, Charadriiformes: Stercorariidae) in the Cananã estuary, southern coast of São Paulo State. <i>Biota Neotropica</i> , 2013 , 13, 353-355		2

22	Diversidade da dieta e do comportamento do Gaivotão Antártico (<i>Larus dominicanus</i>) na Península Keller, Ilha Rei George, Shetland do Sul. <i>Mundo Da Saude</i> , 2008 , 32, 302-307	1.8	2
21	Presença de organoclorados em amostras de água e ostras <i>Crassostrea</i> sp. do município de Cananeia-SP. <i>Mundo Da Saude</i> , 2014 , 38, 66-74	1.8	2
20	Concentrações do nitrogênio amoniacal, nitrito e nitrato em fezes de engorda de ostras no município de Cananeia-SP. <i>Mundo Da Saude</i> , 2014 , 38, 105-115	1.8	2
19	Distribuição espaço-temporal das capturas do camarão sete-barbas na Armação do Itapocoroy, Penha, SC. <i>Boletim Do Instituto De Pesca</i> , 2013 , 39, 237-250	1.5	2
18	The exotic species <i>Litopenaeus vannamei</i> (Boone, 1931) occurrence in Cananeia, Iguape and Ilha Comprida lagoon estuary complex. <i>Boletim Do Instituto De Pesca</i> , 2016 , 42, 479-485	1.5	2
17	Caracterização da pesca e dos pescadores artesanais de camarões Penaeidae em salina no município de Macau - Rio Grande do Norte. <i>Boletim Do Instituto De Pesca</i> , 2016 , 42, 465-478	1.5	2
16	QUALIDADE MICROBIOLÓGICA DE OSTRAS (<i>Crassostrea</i> sp) E DE ÁGUAS COLETADAS EM CULTIVOS E EM BANCOS NATURAIS DE CANANHA (SP). <i>Boletim Do Instituto De Pesca</i> , 2016 , 42, 134-144	1.5	2
15	New records of the non-indigenous oyster <i>Saccostrea cucullata</i> (Bivalvia: Ostreidae) from the southeast and south Brazilian coast. <i>Regional Studies in Marine Science</i> , 2020 , 33, 100924	1.5	2
14	Evaluation of trace elements in feathers of young kelp gull <i>Larus dominicanus</i> along the coast of Santa Catarina, Brazil. <i>Marine Pollution Bulletin</i> , 2020 , 160, 111676	6.7	2
13	Reproductive biology of Cabot's Terns on Cardos Island, Santa Catarina, Brazil. <i>Biota Neotropica</i> , 2011 , 11, 75-81		1
12	Norovirus GII and astrovirus in shellfish from a mangrove region in Cananã, Brazil: molecular detection and characterization. <i>Brazilian Journal of Microbiology</i> , 2021 , 1	2.2	1
11	GIS Models for Vulnerability of Coastal Erosion Assessment in a Tropical Protected Area. <i>ISPRS International Journal of Geo-Information</i> , 2021 , 10, 598	2.9	1
10	Is the small-scale aquaculture of lambari <i>Deuterodon iguape</i> (Eigenmann 1907) for live bait in recirculating systems economically profitable?. <i>Aquaculture</i> , 2022 , 546, 737335	4.4	1
9	Effect of Fluoxetine Hydrochloride on Routine Metabolism of Lambari (<i>Deuterodon iguape</i> , Eigenmann, 1907) and Phantom Shrimp (<i>Palaemon pandaliformis</i> , Stimpson, 1871). <i>Brazilian Archives of Biology and Technology</i> , 2022 , 64,	1.8	1
8	Live bait or artificial bait? Efficiency in recreational fishing for sea bass (<i>Centropomus parallelus</i>). <i>Ocean and Coastal Management</i> , 2022 , 216, 105976	3.9	0
7	Carbofuran affects behavior and metabolism of the Atlantic Forest lambari <i>Deuterodon iguape</i> , a native species from Brazil. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 61128-61136	5.1	0
6	Co-exposure of carbon nanotubes with carbofuran pesticide affects metabolic rate in <i>Palaemon pandaliformis</i> (shrimp). <i>Chemosphere</i> , 2022 , 288, 132359	8.4	0
5	Effects of environmental variables on Magellanic penguin (<i>Spheniscus magellanicus</i>) strandings in southeastern Brazil. <i>Ocean and Coastal Management</i> , 2021 , 210, 105704	3.9	0

- 4 Copper II oxide nanoparticles (CuONPs) alter metabolic markers and swimming activity in zebra-fish (Danio rerio).. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2022**, 1093-1098
- 3 Salinity effects in metabolic rate and behavior in lambari *Astyanax bimaculatus*. *Brazilian Journal of Animal and Environmental Research*, **2020**, 3, 2165-2179
- 2 Use of Biomarkers for Studying the Effects of Pesticides on Freshwater Organisms **2018**, 107-119
- 1 Stranding of Marine Animals: Effects of Environmental Variables. *Encyclopedia of the UN Sustainable Development Goals*, **2022**, 945-954