

# Luis F F Marins

## List of Publications by Citations

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89  
papers

1,225  
citations

22  
h-index

28  
g-index

91  
ext. papers

1,391  
ext. citations

3.2  
avg, IF

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L-index

#	Paper	IF	Citations
89	Isolation and characterization of a new <i>Arthrospira</i> strain. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>2008</b> , 63, 144-50	1.7	58
88	Reactive oxygen species generation and expression of DNA repair-related genes after copper exposure in zebrafish ( <i>Danio rerio</i> ) ZFL cells. <i>Aquatic Toxicology</i> , <b>2009</b> , 95, 285-91	5.1	48
87	Time-course expression of DNA repair-related genes in hepatocytes of zebrafish ( <i>Danio rerio</i> ) after UV-B exposure. <i>Photochemistry and Photobiology</i> , <b>2009</b> , 85, 220-6	3.6	43
86	Relationships between multidrug resistance (MDR) and stem cell markers in human chronic myeloid leukemia cell lines. <i>Leukemia Research</i> , <b>2010</b> , 34, 757-62	2.7	42
85	Green turtle <i>Chelonia mydas</i> mixed stocks in the western South Atlantic, as revealed by mtDNA haplotypes and drifter trajectories. <i>Marine Ecology - Progress Series</i> , <b>2012</b> , 447, 195-209	2.6	38
84	Toxicological responses in <i>Laeonereis acuta</i> (annelida, polychaeta) after arsenic exposure. <i>Environment International</i> , <b>2007</b> , 33, 559-64	12.9	38
83	Behavioral and neurotoxic effects of arsenic exposure in zebrafish ( <i>Danio rerio</i> , Teleostei: Cyprinidae). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2009</b> , 150, 337-42	3.2	35
82	Improving the production of transgenic fish germlines: in vivo evaluation of mosaicism in zebrafish ( <i>Danio rerio</i> ) using a green fluorescent protein (GFP) and growth hormone cDNA transgene co-injection strategy. <i>Genetics and Molecular Biology</i> , <b>2007</b> , 30, 31-36	2	35
81	Evaluation of DNase activity in seminal plasma and uptake of exogenous DNA by spermatozoa of the Brazilian flounder <i>Paralichthys orbignyanus</i> . <i>Theriogenology</i> , <b>2009</b> , 71, 525-33	2.8	33
80	Identification, tissue distribution and evaluation of brain neuropeptide Y gene expression in the Brazilian flounder <i>Paralichthys orbignyanus</i> . <i>Journal of Biosciences</i> , <b>2010</b> , 35, 405-13	2.3	33
79	Antioxidant responses in the nereidid <i>Laeonereis acuta</i> (Annelida, Polychaeta) after cadmium exposure. <i>Ecotoxicology and Environmental Safety</i> , <b>2008</b> , 70, 115-20	7	31
78	SOCS1 and SOCS3 are the main negative modulators of the somatotrophic axis in liver of homozygous GH-transgenic zebrafish ( <i>Danio rerio</i> ). <i>General and Comparative Endocrinology</i> , <b>2009</b> , 161, 67-72	3	28
77	Effects of arsenic (As) exposure on the antioxidant status of gills of the zebrafish <i>Danio rerio</i> (Cyprinidae). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2009</b> , 149, 538-43	3.2	28
76	Microsatellite variation and genetic structuring in <i>Mugil liza</i> (Teleostei: Mugilidae) populations from Argentina and Brazil. <i>Estuarine, Coastal and Shelf Science</i> , <b>2014</b> , 149, 80-86	2.9	27
75	Cryopreservation of Brazilian flounder ( <i>Paralichthys orbignyanus</i> ) sperm. <i>Aquaculture</i> , <b>2008</b> , 275, 361-364	4.4	26
74	GH overexpression modifies muscle expression of anti-oxidant enzymes and increases spinal curvature of old zebrafish. <i>Experimental Gerontology</i> , <b>2010</b> , 45, 449-56	4.5	24
73	Silencing of Gonad-Inhibiting Hormone Transcripts in <i>Litopenaeus vannamei</i> Females by use of the RNA Interference Technology. <i>Marine Biotechnology</i> , <b>2016</b> , 18, 117-23	3.4	23

72	Increased growth hormone (GH), growth hormone receptor (GHR), and insulin-like growth factor I (IGF-I) gene transcription after hyperosmotic stress in the Brazilian flounder <i>Paralichthys orbignyanus</i> . <i>Fish Physiology and Biochemistry</i> , <b>2009</b> , 35, 501-9	2.7	23
71	The effect of GH overexpression on GHR and IGF-I gene regulation in different genotypes of GH-transgenic zebrafish. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , <b>2007</b> , 2, 228-33	2	23
70	Growth hormone transgenesis affects osmoregulation and energy metabolism in zebrafish ( <i>Danio rerio</i> ). <i>Transgenic Research</i> , <b>2013</b> , 22, 75-88	3.3	22
69	Sperm quality of Brazilian flounder <i>Paralichthys orbignyanus</i> throughout the reproductive season. <i>Aquaculture Research</i> , <b>2010</b> , 41, e199-e207	1.9	22
68	Genetic structure and natal origins of immature hawksbill turtles ( <i>Eretmochelys imbricata</i> ) in Brazilian waters. <i>PLoS ONE</i> , <b>2014</b> , 9, e88746	3.7	22
67	Muscle-specific growth hormone receptor (GHR) overexpression induces hyperplasia but not hypertrophy in transgenic zebrafish. <i>Transgenic Research</i> , <b>2012</b> , 21, 457-69	3.3	21
66	GH overexpression causes muscle hypertrophy independent from local IGF-I in a zebrafish transgenic model. <i>Transgenic Research</i> , <b>2011</b> , 20, 513-21	3.3	21
65	Induction of phase II enzymes and hsp70 genes by copper sulfate through the electrophile-responsive element (EpRE): insights obtained from a transgenic zebrafish model carrying an orthologous EpRE sequence of mammalian origin. <i>Fish Physiology and Biochemistry</i> , <b>2010</b> , 36, 347-353	2.7	20
64	mRNA Expression and activity of ion-transporting proteins in gills of the blue crab <i>Callinectes sapidus</i> : effects of waterborne copper. <i>Environmental Toxicology and Chemistry</i> , <b>2011</b> , 30, 206-11	3.8	19
63	Green turtles ( <i>Chelonia mydas</i> ) foraging at Arvoredo Island in Southern Brazil: Genetic characterization and mixed stock analysis through mtDNA control region haplotypes. <i>Genetics and Molecular Biology</i> , <b>2009</b> , 32, 613-8	2	19
62	Hawksbill Loggerhead sea turtle hybrids at Bahia, Brazil: where do their offspring go?. <i>PeerJ</i> , <b>2014</b> , 2, e255	3.1	19
61	Growth hormone (GH) increases cognition and expression of ionotropic glutamate receptors (AMPA and NMDA) in transgenic zebrafish ( <i>Danio rerio</i> ). <i>Behavioural Brain Research</i> , <b>2015</b> , 294, 36-42	3.4	17
60	Food intake and appetite control in a GH-transgenic zebrafish. <i>Fish Physiology and Biochemistry</i> , <b>2015</b> , 41, 1131-41	2.7	16
59	Neuropeptide Y gene expression around meal time in the Brazilian flounder <i>Paralichthys orbignyanus</i> . <i>Journal of Biosciences</i> , <b>2012</b> , 37, 227-32	2.3	16
58	Fullerene (C60) particle size implications in neurotoxicity following infusion into the hippocampi of Wistar rats. <i>Toxicology and Applied Pharmacology</i> , <b>2018</b> , 338, 197-203	4.6	16
57	GH overexpression decreases spermatic parameters and reproductive success in two-years-old transgenic zebrafish males. <i>Animal Reproduction Science</i> , <b>2013</b> , 139, 162-7	2.1	15
56	Natural occurrence of White spot syndrome virus and Infectious hypodermal and hematopoietic necrosis virus in <i>Neohelice granulata</i> crab. <i>Journal of Invertebrate Pathology</i> , <b>2013</b> , 114, 86-8	2.6	15
55	Impairment of the immune system in GH-overexpressing transgenic zebrafish ( <i>Danio rerio</i> ). <i>Fish and Shellfish Immunology</i> , <b>2014</b> , 36, 519-24	4.3	14

54	Erythrocyte nuclear abnormalities and leukocyte profile in the Antarctic fish <i>Notothenia coriiceps</i> after exposure to short- and long-term heat stress. <i>Polar Biology</i> , <b>2017</b> , 40, 1755-1760	2	13
53	ABCB1 and ABCC4 efflux transporters are involved in methyl parathion detoxification in ZFL cells. <i>Toxicology in Vitro</i> , <b>2015</b> , 29, 204-10	3.6	13
52	Characterization of growth-related genes in the south-western Atlantic pink shrimp <i>Farfantepenaeus paulensis</i> (Pérez-Farfante 1967) through a modified DDRT-PCR protocol. <i>Aquaculture Research</i> , <b>2008</b> , 39, 200-204	1.9	13
51	Fluorescent transgenic zebrafish as a biosensor for growth-related effects of methyl parathion. <i>Aquatic Toxicology</i> , <b>2014</b> , 152, 147-51	5.1	12
50	Growth hormone overexpression generates an unfavorable phenotype in juvenile transgenic zebrafish under hypoxic conditions. <i>General and Comparative Endocrinology</i> , <b>2013</b> , 194, 102-9	3	12
49	RNAi-based inhibition of infectious myonecrosis virus replication in Pacific white shrimp <i>Litopenaeus vannamei</i> . <i>Diseases of Aquatic Organisms</i> , <b>2015</b> , 114, 89-98	1.7	11
48	Melatonin as a signaling molecule for metabolism regulation in response to hypoxia in the crab <i>Neohelice granulata</i> . <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 22405-20	6.3	11
47	High level of GHR nuclear translocation in skeletal muscle of a hyperplasic transgenic zebrafish. <i>Journal of Molecular Endocrinology</i> , <b>2016</b> , 56, 47-54	4.5	10
46	Anti-MDR and antitumoral action of acetylsalicylic acid on leukaemic cells. <i>Bioscience Reports</i> , <b>2011</b> , 31, 391-8	4.1	10
45	Cell differentiation and the multiple drug resistance phenotype in human erythroleukemic cells. <i>Leukemia Research</i> , <b>2016</b> , 42, 13-20	2.7	10
44	Probiotic expressing heterologous phytase improves the immune system and attenuates inflammatory response in zebrafish fed with a diet rich in soybean meal. <i>Fish and Shellfish Immunology</i> , <b>2019</b> , 93, 652-658	4.3	9
43	Stability of bacterial composition and activity in different salinity waters in the dynamic Patos Lagoon estuary: evidence from a lagrangian-like approach. <i>Microbial Ecology</i> , <b>2013</b> , 66, 551-62	4.4	9
42	Genotype-dependent gene expression profile of the antioxidant defense system (ADS) in the liver of a GH-transgenic zebrafish model. <i>Transgenic Research</i> , <b>2011</b> , 20, 85-9	3.3	9
41	<i>Aloysia triphylla</i> in the zebrafish food: effects on physiology, behavior, and growth performance. <i>Fish Physiology and Biochemistry</i> , <b>2018</b> , 44, 465-474	2.7	8
40	Improving the PCR protocol to amplify a repetitive DNA sequence. <i>Genetics and Molecular Research</i> , <b>2017</b> , 16,	1.2	8
39	Simultaneous overexpression of GH and STAT5b genes inhibits the STAT5 signalling pathway in tilapia ( <i>Oreochromis niloticus</i> ) embryos. <i>Genetics and Molecular Biology</i> , <b>2002</b> , 25, 293-298	2	8
38	The inclusion of a transgenic probiotic expressing recombinant phytase in a diet with a high content of vegetable matter markedly improves growth performance and the expression of growth-related genes and other selected genes in zebrafish. <i>Aquaculture</i> , <b>2020</b> , 519, 734878	4.4	8
37	OCT4 mutations in human erythroleukemic cells: implications for multiple drug resistance (MDR) phenotype. <i>Molecular and Cellular Biochemistry</i> , <b>2015</b> , 400, 41-50	4.2	7

36	Expression profile of IGF paralog genes in liver and muscle of a GH-transgenic zebrafish. <i>General and Comparative Endocrinology</i> , <b>2016</b> , 226, 36-41	3	7
35	Effects of Double Transgenesis of Somatotrophic Axis (GH/GHR) on Skeletal Muscle Growth of Zebrafish ( <i>Danio rerio</i> ). <i>Zebrafish</i> , <b>2015</b> , 12, 408-13	2	7
34	Improved genetic transformation of <i>Synechococcus elongatus</i> PCC 7942 using linear DNA fragments in association with a DNase inhibitor. <i>Biotechnology Research and Innovation</i> , <b>2017</b> , 1, 123-128 <sup>10.1</sup>	10.1	6
33	as a model of photosynthetic bioreactor for expression of recombinant $\beta$ glucosidases. <i>Biotechnology for Biofuels</i> , <b>2019</b> , 12, 174	7.8	6
32	Responses to ROS inducer agents in zebrafish cell line: differences between copper and UV-B radiation. <i>Fish Physiology and Biochemistry</i> , <b>2014</b> , 40, 1817-25	2.7	6
31	First report of White spot syndrome virus in farmed and wild penaeid shrimp from Lagoa dos Patos estuary, southern Brazil. <i>Brazilian Journal of Microbiology</i> , <b>2011</b> , 42, 1176-1179	2.2	6
30	Complete genome sequence of native strains isolated from intestinal tract of the crab sp. <i>Data in Brief</i> , <b>2018</b> , 16, 381-385	1.2	6
29	A comparison of classifiers for predicting the class color of fluorescent proteins. <i>Computational Biology and Chemistry</i> , <b>2019</b> , 83, 107089	3.6	5
28	NPY and sbGnRH gene expression in juvenile and adult male Brazilian flounder <i>Paralichthys orbignyanus</i> . <i>Ciencia Rural</i> , <b>2011</b> , 41, 1927-1930	1.3	5
27	Effects of learning on mTOR pathway gene expression in the brain of zebrafish ( <i>Danio rerio</i> ) of different ages. <i>Experimental Gerontology</i> , <b>2017</b> , 89, 8-14	4.5	4
26	Effects of somatotrophic axis (GH/GHR) double transgenesis on structural and molecular aspects of the zebrafish immune system. <i>Fish and Shellfish Immunology</i> , <b>2015</b> , 45, 725-32	4.3	4
25	cDNA cloning and expression analysis of the catalytic subunit of glutamate cysteine ligase gene in an annelid polychaete after cadmium exposure: a potential tool for pollution biomonitoring. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2006</b> , 143, 410-5	3.2	4
24	Clonagem e avaliaçã da expressã gênica do sbGnRH em machos juvenis e adultos de linguado, <i>Paralichthys orbignyanus</i> . <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , <b>2011</b> , 63, 239-246	0.3	4
23	Evaluation of qPCR reference genes in GH-overexpressing transgenic zebrafish ( <i>Danio rerio</i> ). <i>Scientific Reports</i> , <b>2020</b> , 10, 12692	4.9	4
22	GH indirectly enhances the regeneration of transgenic zebrafish fins through IGF2a and IGF2b. <i>Transgenic Research</i> , <b>2016</b> , 25, 743-9	3.3	4
21	Modeling drug-drug interactions of AZD1208 with Vincristine and Daunorubicin on ligand-extrusion binding TMD-domains of multidrug resistance P-glycoprotein (ABCB1). <i>Toxicology</i> , <b>2019</b> , 411, 81-92	4.4	4
20	Bacterial community composition and physiological shifts associated with the El Niño Southern Oscillation (ENSO) in the Patos Lagoon estuary. <i>Microbial Ecology</i> , <b>2015</b> , 69, 525-34	4.4	3
19	Expression profile of glucose transport-related genes under chronic and acute exposure to growth hormone in zebrafish. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2018</b> , 221, 1-6	2.6	3

18	Comparing methods of genetic manipulation in <i>Bacillus subtilis</i> for expression of recombinant enzyme: Replicative or integrative (CRISPR-Cas9) plasmid?. <i>Journal of Microbiological Methods</i> , <b>2019</b> , 164, 105667	2.8	3
17	Reproductive parameters of double transgenic zebrafish ( <i>Danio rerio</i> ) males overexpressing both the growth hormone (GH) and its receptor (GHR). <i>Transgenic Research</i> , <b>2017</b> , 26, 123-134	3.3	3
16	First Record of sp. (Digenea: Clinostomidae) in (Actinopterygii: Cyprinidae) and the Implication of Using Zebrafish from Pet Stores on Research. <i>Zebrafish</i> , <b>2021</b> , 18, 139-148	2	3
15	High bacterial activity in nutrient rich saltwater: Evidence from the uncoupling between salinity and nutrients in the Patos Lagoon estuary. <i>Estuarine, Coastal and Shelf Science</i> , <b>2019</b> , 216, 148-156	2.9	3
14	Isolation and characterization of 18 microsatellites for <i>Lycengraulis grossidens</i> (Pisces: Clupeiformes). <i>Conservation Genetics Resources</i> , <b>2013</b> , 5, 15-18	0.8	2
13	Clock genes expression and locomotor activity are altered along the light-dark cycle in transgenic zebrafish overexpressing growth hormone. <i>Transgenic Research</i> , <b>2017</b> , 26, 739-752	3.3	2
12	A comparative expression analysis of gene transcripts in brain tissue of non-transgenic and GH-transgenic zebrafish ( <i>Danio rerio</i> ) using a DDRT-PCR approach. <i>Anais Da Academia Brasileira De Ciencias</i> , <b>2012</b> , 84, 487-94	1.4	2
11	Initial results in the development of a reporter cell line for toxicology studies at gene expression level: activation of the electrophile-responsive element by copper and methyl parathion. <i>Marine Environmental Research</i> , <b>2008</b> , 66, 158-60	3.3	2
10	New Mechanistic Insight on the PIM-1 Kinase Inhibitor AZD1208 Using Multidrug Resistant Human Erythroleukemia Cell Lines and Molecular Docking Simulations. <i>Current Topics in Medicinal Chemistry</i> , <b>2019</b> , 19, 914-926	3	2
9	Double transgenic zebrafish for somatotrophic axis: a tool for muscle development and growth studies. <i>Zebrafish</i> , <b>2015</b> , 12, 268-9	2	1
8	First report of White spot syndrome virus in farmed and wild penaeid shrimp from lagoa dos patos estuary, southern brazil. <i>Brazilian Journal of Microbiology</i> , <b>2011</b> , 42, 1176-9	2.2	1
7	Non-lethal molecular diagnostic for acanthocephalosis in <i>Colossoma macropomum</i> . <i>Aquaculture</i> , <b>2020</b> , 519, 734860	4.4	1
6	<i>Bacillus subtilis</i> expressing double-strand RNAs (dsRNAs) induces RNA interference mechanism (RNAi) and increases survival of WSSV-challenged <i>Litopenaeus vannamei</i> . <i>Aquaculture</i> , <b>2021</b> , 541, 736834	4.4	1
5	Growth Hormone Overexpression Induces Hyperphagia and Intestinal Morphophysiological Adaptations to Improve Nutrient Uptake in Zebrafish. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 723853	4.6	0
4	The genetic bases of physiological processes in fish <b>2020</b> , 49-74		
3	Sedimento e água podem atuar como reservatórios para o vírus da mancha branca em criação de camarões. <i>Pesquisa Agropecuária Gaúcha</i> , <b>2019</b> , 25, 1-7	0.2	
2	Genetic manipulation of native <i>Bacillus cereus</i> : a biotechnological tool for aquaculture. <i>Journal of Applied Aquaculture</i> , <b>2020</b> , 1-11	0.8	
1	Dietary supplementation of <i>Synechococcus elongatus</i> PCC 7942 expressing a heterologous $\beta$ -glucosidase on the expression of genes related to digestion, immune system, and antioxidant defenses of the shrimp <i>Litopenaeus vannamei</i> . <i>Journal of Applied Phycology</i> , <b>2021</b> , 1	3.2	

