

# Marcelo Borges Tesser

## List of Publications by Year in descending order

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68  
papers

1,031  
citations

471061

17  
h-index

500791

28  
g-index

68  
all docs

68  
docs citations

68  
times ranked

1143  
citing authors

#	ARTICLE	IF	CITATIONS
1	Substitution of fishmeal with microbial floc meal and soy protein concentrate in diets for the pacific white shrimp <i>Litopenaeus vannamei</i> . <i>Aquaculture</i> , 2012, 342-343, 112-116.	1.7	122
2	Fishmeal substitution with <i>Arthrospira</i> ( <i>Spirulina platensis</i> ) in a practical diet for <i>Litopenaeus vannamei</i> : Effects on growth and immunological parameters. <i>Aquaculture</i> , 2014, 426-427, 120-125.	1.7	79
3	Feasibility of the use of <i>Spirulina</i> in aquaculture diets. <i>Reviews in Aquaculture</i> , 2019, 11, 1367-1378.	4.6	58
4	Salinity influence on growth, osmoregulation and energy turnover in juvenile pompano <i>Trachinotus marginatus</i> Cuvier 1832. <i>Aquaculture</i> , 2016, 455, 63-72.	1.7	52
5	Free- and peptide-based dietary arginine supplementation for the South American fish pacu ( <i>Piaractus</i> ) Tj ETQq1 1 0.784314 1.1 39	1.1	39
6	Effect of dietary dextrin levels on the growth performance, blood chemistry, body composition, hepatic triglycerides and glycogen of Lebranche mullet juveniles ( <i>Mugil liza</i> Valenciennes 1836,) Tj ETQq0 0 0.8 10	0.8	10
7	Lipoic Acid and Ascorbic Acid Affect Plasma Free Amino Acids Selectively in the Teleost Fish Pacu ( <i>Piaractus mesopotamicus</i> ). <i>Journal of Nutrition</i> , 2004, 134, 2930-2934.	1.3	30
8	The effect of protein levels on growth, postprandial excretion and tryptic activity of juvenile mullet <i>Mugil platanus</i> (Günther). <i>Aquaculture Research</i> , 2010, 41, 511-518.	0.9	30
9	Effects of dietary $\alpha$ -lipoic acid on growth, body composition and antioxidant status in the Plata pompano <i>Trachinotus marginatus</i> (Pisces, Carangidae). <i>Aquaculture</i> , 2012, 368-369, 29-35.	1.7	30
10	Antioxidant and toxicological effects elicited by alpha-lipoic acid in aquatic organisms. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014, 162, 70-76.	1.3	28
11	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> , 2009, 35, 501-509.	0.9	27
12	Co-Feeding of Pacu, <i>Piaractus mesopotamicus</i> Holmberg (1887), Larvae with <i>Artemia</i> Nauplii and a Microencapsulated Diet. <i>Journal of Applied Aquaculture</i> , 2005, 17, 47-59.	0.7	25
13	Benzocaína e eugenol como anestésicos para juvenis do pampo <i>Trachinotus marginatus</i> . <i>Ciencia Rural</i> , 2009, 39, 866-870.	0.3	25
14	Elemental turnover rates and isotopic discrimination in a euryhaline fish reared under different salinities: Implications for movement studies. <i>Journal of Experimental Marine Biology and Ecology</i> , 2016, 480, 36-44.	0.7	25
15	Biological responses in mullet <i>Mugil liza</i> juveniles fed with guar gum supplemented diets. <i>Animal Feed Science and Technology</i> , 2015, 205, 98-106.	1.1	21
16	Biochemical responses over time in common carp <i>Cyprinus carpio</i> (Teleostei, Cyprinidae) during fed supplementation with $\alpha$ -lipoic acid. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2015, 188, 9-16.	0.8	20
17	Occurrence and bioaccessibility of mycotoxins in fish feed. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2020, 13, 244-251.	1.3	20
18	Ingestão de ração e comportamento de larvas de pacu em resposta a estímulos químicos e visuais. <i>Revista Brasileira De Zootecnia</i> , 2006, 35, 1887-1892.	0.3	17

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19	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> , 2020, 519, 734878.	1.7	17
20	Î±-Lipoic acid-enrichment partially reverses tissue ascorbic acid depletion in pacu ( <i>Piaractus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 T	0.9	16
21	Characterization of digestive enzymes from captive Brazilian flounder <i>Paralichthys orbignyanus</i> . <i>Brazilian Journal of Biology</i> , 2018, 78, 281-288.	0.4	16
22	Elemental turnover rates and trophic discrimination in juvenile Lebranche mullet <sc><i>Mugiliza</i></sc> under experimental conditions. <i>Journal of Fish Biology</i> , 2017, 91, 1241-1249.	0.7	15
23	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> , 2019, 93, 652-658.	1.6	15
24	Fish oil and meal replacement in mullet ( <i>Mugiliza</i> ) diet with <i>Spirulina</i> ( <i>Arthrospira platensis</i> ) and linseed oil. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 218, 46-54.	1.3	15
25	Tolerância de juvenis do pampo <i>Trachinotus marginatus</i> (Teleostei, Carangidae) ao choque agudo de salinidade em laboratório. <i>Ciencia Rural</i> , 2003, 33, 757-761.	0.3	14
26	The role of a- ( <i>Euterpe oleracea</i> Mart. 1824) as a chemoprotective agent in the evaluation of antioxidant defence, oxidative damage and histology of juvenile shrimp <i>Litopenaeus vannamei</i> (BOONE, 1931) exposed to ammonia. <i>Aquaculture Research</i> , 2020, 51, 1551-1566.	0.9	14
27	Dose-response effects of the antioxidant Î±-lipoic acid in the liver and brain of pompano<i>Trachinotus marginatus</i> (Pisces, Carangidae). <i>Journal of Applied Ichthyology</i> , 2013, 29, 1123-1128.	0.3	11
28	Ontogenic development of kidney, thymus and spleen and phenotypic expression of CD3 and CD4 receptors on the lymphocytes of cobia ( <i>Rachycentron canadum</i> ). <i>Anais Da Academia Brasileira De Ciencias</i> , 2015, 87, 2111-2121.	0.3	10
29	Acute responses of juvenile cobia<i>Rachycentron canadum</i> (Linnaeus 1766) to acid stress. <i>Aquaculture Research</i> , 2015, 46, 1241-1247.	0.9	10
30	Effects of lipoic acid on growth and biochemical responses of common carp fed with carbohydrate diets. <i>Fish Physiology and Biochemistry</i> , 2016, 42, 1699-1707.	0.9	10
31	Dietary chitosan supplementation in <i>Litopenaeus vannamei</i> reared in a biofloc system: Effect on antioxidant status facing saline stress. <i>Aquaculture</i> , 2021, 544, 737034.	1.7	10
32	Benzocaina, MS-222, eugenol e mentol como anestésicos para juvenis de tainha <i>Mugiliza</i> . <i>Boletim Do Instituto De Pesca</i> , 2017, 43, 605-613.	0.5	10
33	Modulation of nodularin toxicity in shrimp <i>Litopenaeus vannamei</i> (BOONE, 1931) fed with dietary a- ( <i>Euterpe oleracea</i>) inclusion. <i>Fish and Shellfish Immunology</i> , 2020, 103, 464-471.	1.6	10
34	Artemia enriched with hydrolyzed yeast improves growth and stress resistance of marine pejerrey <i>Odontesthes argentinensis</i> larvae. <i>Aquaculture</i> , 2016, 450, 173-181.	1.7	9
35	Exogenous enzyme complex prevents intestinal soybean meal-induced enteritis in <i>Mugiliza</i> (Valenciennes, 1836) juvenile.. <i>Anais Da Academia Brasileira De Ciencias</i> , 2017, 89, 341-353.	0.3	9
36	Suplementação de enzimas exógenas em dieta microparticulada para larvicultura do pacu. <i>Revista Brasileira De Zootecnia</i> , 2006, 35, 2211-2218.	0.3	9

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37	AVALIAÇÃO DA FORMAÇÃO DE BIOFLOCOS NA CRIAÇÃO DE JUVENIS DE TAINHA MUGIL CF. HOSPES SEM RENOVAÇÃO DE ÁGUA. <i>Atlântica</i> , 2012, 34, 63-74.	0.1	9
38	Cobia ( <i>Rachycentron canadum</i> ) L. reared in low-salinity water: does dietary sodium chloride affect growth and osmoregulation?. <i>Aquaculture Research</i> , 2014, 45, 728-735.	0.9	8
39	Comparison of $\beta$ -carotene and Spirulina ( <i>Arthrospira platensis</i> ) in mullet ( <i>Mugil liza</i> ) diets and effects on antioxidant performance and fillet colouration. <i>Journal of Applied Phycology</i> , 2019, 31, 2391-2399.	1.5	8
40	Survival and Growth of Juvenile Marine Pejerrey, <i>Odontesthes argentinensis</i> , Reared at Different Temperatures. <i>Journal of the World Aquaculture Society</i> , 2010, 41, 931-935.	1.2	7
41	Estimulantes alimentares para larvas de pacu. <i>Revista Brasileira De Zootecnia</i> , 2011, 40, 1851-1855.	0.3	7
42	Effect of dietary common carp by-product protein hydrolysates on antioxidant status in different organs of zebrafish ( <i>Danio rerio</i> ). <i>Aquaculture Nutrition</i> , 2019, 25, 110-118.	1.1	7
43	Shellfish industrial waste reuse. <i>Critical Reviews in Biotechnology</i> , 2023, 43, 50-66.	5.1	7
44	Criação de juvenis de peixe-rei ( <i>Odontesthes argentinensis</i> ) em diferentes taxas de arraçoamento. <i>Ciencia Rural</i> , 2006, 36, 1278-1282.	0.3	6
45	Avanços da maricultura na primeira década do século XXI: piscicultura e carcinocultura marinha. <i>Revista Brasileira De Zootecnia</i> , 2010, 39, 102-111.	0.3	6
46	Effects of supplementing the diets of <i>Mugil liza</i> Valenciennes, 1836 juveniles with citrus pectin. <i>Journal of Applied Ichthyology</i> , 2015, 31, 362-369.	0.3	6
47	Zootecnical performance, biochemical response, and chromaticity in Pacific white shrimp ( <i>Litopenaeus vannamei</i> ) (Boone, 1931) after the inclusion of lyophilized <i>Euterpe oleracea</i> in the diet. <i>Aquaculture International</i> , 2020, 28, 1563-1577.	1.1	6
48	Desempenho zootécnico e custos de alimentação de juvenis de tainha submetidos à restrição alimentar. <i>Pesquisa Agropecuaria Brasileira</i> , 2013, 48, 906-912.	0.9	5
49	Inclusion of Amazonian <i>Mauritia flexuosa</i> fruit pulp as functional feed in the diet for the juvenile Pacific white shrimp <i>Litopenaeus vannamei</i> . <i>Aquaculture Research</i> , 2020, 51, 1731-1742.	0.9	5
50	Use of defatted fermented rice bran in the diet of juvenile mullets <i>Mugil liza</i> . <i>Aquaculture</i> , 2022, 554, 738108.	1.7	5
51	Fishmeal substitution for <i>Arthrospira platensis</i> in juvenile mullet ( <i>Mugil liza</i> ) and its effects on growth and non-specific immune parameters. <i>Revista Colombiana De Ciencias Pecuarias</i> , 2019, 32, 3-13.	0.4	4
52	Sources, quantification techniques, associated hazards, and control measures of mycotoxin contamination of aquafeed. <i>Critical Reviews in Microbiology</i> , 2020, 46, 26-37.	2.7	4
53	Crescimento e metabolismo do nitrogênio em juvenis de <i>Trachinotus marginatus</i> alimentados com diferentes níveis proteicos. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2015, 67, 131-139.	0.1	4
54	Substituição do óleo de peixe por óleo de soja em dietas para beijupirá ( <i>Rachycentron canadum</i> ). <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2011, 63, 980-987.	0.1	3

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55	Water quality and juvenile development of mullet <i>Mugil liza</i> in a biofloc system with an additional carbon source: Dextrose, liquid molasses or rice bran?. <i>Aquaculture Research</i> , 2022, 53, 870-883.	0.9	3
56	USO DE ENZIMAS EXÓGENAS EM DIETAS PARA JUVENIS DE PAMPO <i>Trachinotus marginatus</i> : CRESCIMENTO E MORFOFIOLOGIA DO FÍGADO E INTESTINO. <i>Boletim Do Instituto De Pesca</i> , 2018, 44, .	0.5	3
57	Preliminary assessment of bioaccessibility of aflatoxin B1 in fish. <i>Aquaculture International</i> , 2022, 30, 1315-1325.	1.1	3
58	Inclusion of grape bagasse ( <i>Vitis sp.</i> ) in the diet of white shrimp ( <i>Litopenaeus vannamei</i> ) and its effects on growth and antioxidant system. <i>Aquaculture Research</i> , 2022, 53, 4805-4813.	0.9	3
59	Yersiniose em <i>Trachinotus marginatus</i> (pampo): diagnóstico histopatológico e imuno-histoquímico. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2012, 64, 909-915.	0.1	2
60	Micobacteriose por <i>Mycobacterium marinum</i> em "linguado" <i>Paralichthys orbignyanus</i> e em "barber goby" <i>Elacatinus figaro</i> : diagnóstico histopatológico e imuno-histoquímico. <i>Pesquisa Veterinaria Brasileira</i> , 2012, 32, 254-258.	0.5	2
61	Thyroid gland development in <i>Rachycentron canadum</i> during early life stages. <i>Anais Da Academia Brasileira De Ciencias</i> , 2014, 86, 1507-1516.	0.3	2
62	Substituição da farinha e do óleo de peixe por farinha e óleo de origem vegetal em rações utilizadas na fase de engorda do camarão-branco-do-pacífico <i>Litopenaeus vannamei</i> , em sistemas de bioflocos. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2019, 71, 703-710.	0.1	2
63	The inclusion of algae <i>Gracilaria domingensis</i> in the diet of mullet juveniles ( <i>Mugil liza</i> ) improves the immune response. <i>Journal of Applied Aquaculture</i> , 2019, 31, 210-223.	0.7	2
64	Stress response in transport of juvenile cobia <i>Rachycentron canadum</i> using the anesthetic benzocaine. <i>Latin American Journal of Aquatic Research</i> , 2017, 44, 638-642.	0.2	2
65	<i>Arthrospira platensis</i> filtrada como alimento complementario de juveniles del camarón blanco: efectos sobre crecimiento y sistema inmune. <i>Boletim Do Instituto De Pesca</i> , 2017, 43, 593-604.	0.5	1
66	FERMENTED AND NON-FERMENTED WHOLE RICE BRAN IN THE PRODUCTION OF THE ROTIFER <i>Brachionus plicatilis</i>. <i>Boletim Do Instituto De Pesca</i> , 2020, 46, .	0.5	1
67	Dietary supplementation of <i>Synechococcus elongatus</i> PCC 7942 expressing a heterologous Î²-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> , 0, , 1.	1.5	0
68	Chemoprotection of amazonian <i>Mauritia flexuosa</i> fruit pulp against ammonia and nitrite toxicity to postlarvae shrimps <i>Litopenaeus vannamei</i> . <i>Boletim Do Instituto De Pesca</i> , 0, 48, .	0.5	0