

# Mayra Lizett González-Félix

## List of Publications by Year in descending order

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49  
papers

1,079  
citations

393982

19  
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433756

31  
g-index

49  
all docs

49  
docs citations

49  
times ranked

1006  
citing authors

#	ARTICLE	IF	CITATIONS
1	Growth and Physiological Response of <i>Litopenaeus stylirostris</i> Acclimated to Low Salinity. North American Journal of Aquaculture, 2022, 84, 105.	0.7	0
2	Replacement of fish oil by camelina and black soldier fly larvae oils in diets for juvenile <i>Totoaba macdonaldi</i> and their effect on growth, fatty acid profile, and gene expression of pancreatic lipases. Aquaculture, 2022, 552, 737985.	1.7	5
3	Incorporating hydrolyzed soy protein or black soldier fly ( <i>Hermetia illucens</i> ) larvae meal into feeds for <i>Totoaba macdonaldi</i> . Aquaculture, 2022, 554, 738152.	1.7	5
4	Optimum Activity and Partial Characterization of Chymotrypsin from the Sciaenids <i>Cynoscion othonopterus</i> , <i>Cynoscion parvipinnis</i> , and <i>Cynoscion xanthulus</i> . Journal of Aquatic Food Product Technology, 2021, 30, 670-682.	0.6	1
5	Fatty Acid Profile and Proximate Composition of Gonads from Wild <i>Echinometra vanbrunti</i> during an Annual Cycle: Suitability for Human Consumption. Journal of Aquatic Food Product Technology, 2021, 30, 1062-1077.	0.6	0
6	First report on the swim bladder index, proximate composition, and fatty acid analysis of swim bladder from cultured <i>Totoaba macdonaldi</i> fed compound aquafeeds. Aquaculture Reports, 2021, 21, 100901.	0.7	3
7	Use of alternative plant and animal protein blends, in place of fishmeal, in diets for juvenile <i>totoaba</i> , <i>Totoaba macdonaldi</i> . Aquaculture, 2020, 529, 735698.	1.7	13
8	Replacement of fish oil by soybean oil and microalgal meals in diets for <i>Totoaba macdonaldi</i> (Gilbert,) Tj ETQq0 0 0 rBT /Overlock 10 Tff	1.7	16
9	Activity and Partial Characterization of Trypsin, Chymotrypsin, and Lipase in the Digestive Tract of <i>Totoaba macdonaldi</i> . Journal of Aquatic Food Product Technology, 2020, 29, 322-334.	0.6	9
10	Partial characterization, quantification and optimum activity of trypsin and lipase from the sciaenids <i>Cynoscion othonopterus</i> , <i>Cynoscion parvipinnis</i> and <i>Cynoscion xanthulus</i> . Archives of Biological Sciences, 2020, 72, 81-93.	0.2	4
11	Effect of fishmeal and fish oil replacement by algal meals on biological performance and fatty acid profile of hybrid striped bass ( <i>Morone chrysops</i> × <i>M. saxatilis</i> ). Aquaculture, 2019, 507, 83-90.	1.7	27
12	Seasonal changes in gonad maturity, proximate and fatty acid composition of Limbaugh's damselfish, <i>Chromis limbaughi</i> Greenfield & Woods, 1980 (Pisces: Pomacentridae). Archives of Biological Sciences, 2019, 71, 755-765.	0.2	4
13	Partial replacement of fishmeal and fish oil by algal meals in diets of red drum <i>Sciaenops ocellatus</i> . Aquaculture, 2018, 487, 41-50.	1.7	55
14	Effects of commercial dietary prebiotic and probiotic supplements on growth, innate immune responses, and intestinal microbiota and histology of <i>Totoaba macdonaldi</i> . Aquaculture, 2018, 491, 239-251.	1.7	60
15	Red drum <i>Sciaenops ocellatus</i> growth and expression of bile salt-dependent lipase in response to increasing dietary lipid supplementation. Fish Physiology and Biochemistry, 2018, 44, 1319-1331.	0.9	12
16	Partial characterization, quantification and activity of pancreatic lipase in the gastrointestinal tract of <i>Totoaba Macdonaldi</i> . Archives of Biological Sciences, 2018, 70, 489-496.	0.2	12
17	Effect of dietary lipid level on growth performance, feed utilization and body composition of <i>totoaba</i> , <i>Totoaba macdonaldi</i> (Gilbert, 1890). Aquaculture Research, 2017, 48, 2607-2617.	0.9	20
18	The effects of environmental salinity on the growth and physiology of <i>totoaba</i> <i>Totoaba macdonaldi</i> and shortfin corvina <i>Cynoscion parvipinnis</i> . Journal of Fish Biology, 2017, 91, 510-527.	0.7	11

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19	Biochemical composition and fatty acid profile of gonads from wild and cultured Shortfin corvina ( <i>Cynoscion parvipinnis</i> ) during the early maturation stage. <i>Archives of Biological Sciences</i> , 2017, 69, 491-501.	0.2	10
20	Plant protein sources in the diets of the sciaenids red drum ( <i>Sciaenops ocellatus</i> ) and shortfin corvina ( <i>Cynoscion parvipinnis</i> ): A comparative study. <i>Aquaculture</i> , 2016, 453, 122-129.	1.7	34
21	Effect of dietary lipid level and replacement of fish oil by soybean oil in compound feeds for the shortfin corvina ( <i>Cynoscion parvipinnis</i> ). <i>Aquaculture</i> , 2016, 454, 217-228.	1.7	45
22	Fatty acid and proximate composition of wild male and female king angelfish ( <i>Holacanthus passer</i> ) gonads during the ripe and spent developmental stages. <i>Animal Reproduction</i> , 2016, 13, 820-829.	0.4	6
23	Influence of dietary lipid on growth performance and body composition of the Gulf corvina, <i>Cynoscion othonopterus</i> . <i>Aquaculture</i> , 2015, 448, 401-409.	1.7	24
24	Effects of Fumonisin B <sub>1</sub> -Containing Feed on the Muscle Proteins and Ice-Storage Life of White Shrimp ( <i>Litopenaeus vannamei</i> ). <i>Journal of Aquatic Food Product Technology</i> , 2015, 24, 340-353.	0.6	13
25	Evaluation of jumbo squid ( <i>Dosidicus gigas</i> ) byproduct hydrolysates obtained by acid-enzymatic hydrolysis and by autohydrolysis in practical diets for Pacific white shrimp ( <i>Litopenaeus vannamei</i> ). <i>Food Science and Technology</i> , 2014, 34, 552-558.	0.8	12
26	The Cortez flounder <i>Paralichthys aetnarius</i> as a candidate species for aquaculture: First report on growth in captivity in response to varying dietary protein levels. <i>Aquaculture</i> , 2014, 420-421, 225-230.	1.7	3
27	Studies of the Thermal and Haline Influences on Growth and Survival of <i>Litopenaeus vannamei</i> and <i>Litopenaeus setiferus</i> . <i>Journal of the World Aquaculture Society</i> , 2013, 44, 229-238.	1.2	3
28	Biological performance of <i>Totoaba macdonaldi</i> in response to dietary protein level. <i>Aquaculture</i> , 2012, 362-363, 50-54.	1.7	25
29	Effects of water temperature and Na <sup>+</sup> :K <sup>+</sup> ratio on physiological and production parameters of <i>Litopenaeus vannamei</i> reared in low salinity water. <i>Aquaculture</i> , 2012, 342-343, 13-17.	1.7	17
30	Effect of dietary protein source and time on alkaline proteolytic activity of Nile tilapia ( <i>Oreochromis</i> )	0.9	8
31	Evidence of pre-zygotic barriers in attempts to cross-breed <i>Penaeus</i> ( <i>Litopenaeus</i> ) <i>vannamei</i> (Boone) and <i>P.</i> ( <i>Litopenaeus</i> ) <i>stylirostris</i> (Stimpson) by means of artificial insemination. <i>Aquaculture</i> , 2010, 304, 100-103.	1.7	4
32	Replacement of fish oil in plant based diets for Pacific white shrimp ( <i>Litopenaeus vannamei</i> ). <i>Aquaculture</i> , 2010, 309, 152-158.	1.7	47
33	Evaluation of apparent digestibility coefficient of energy of various vegetable feed ingredients in Florida pompano, <i>Trachinotus carolinus</i> . <i>Aquaculture</i> , 2010, 310, 240-243.	1.7	21
34	Effect of Various Dietary Levels of Docosahexaenoic and Arachidonic Acids and Different n-3/n-6 Ratios on Biological Performance of Pacific White Shrimp, <i>Litopenaeus vannamei</i> , Raised in Low Salinity. <i>Journal of the World Aquaculture Society</i> , 2009, 40, 194-206.	1.2	23
35	Nutritional Value of Various Ray Fish Liver Oils to the Pacific White Shrimp <i>Litopenaeus vannamei</i> . <i>Lipids</i> , 2008, 43, 1009-1016.	0.7	6
36	Nitrogen budget for a low-salinity, zero-water exchange culture system: II. Evaluation of isonitrogenous feeding of various dietary protein levels to <i>Litopenaeus vannamei</i> (Boone). <i>Aquaculture Research</i> , 2008, 39, 995-1004.	0.9	14

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37	Investigation of the Effects of Salinity and Dietary Protein Level on Growth and Survival of Pacific White Shrimp, <i>Litopenaeus vannamei</i> . Journal of the World Aquaculture Society, 2007, 38, 475-485.	1.2	36
38	Nitrogen budget for a low salinity, zero-water exchange culture system: I. Effect of dietary protein level on the performance of <i>Litopenaeus vannamei</i> (Boone). Aquaculture Research, 2007, 38, 798-808.	0.9	15
39	Effect of dietary protein level on growth, survival and ammonia efflux rate of <i>Litopenaeus vannamei</i> (Boone) raised in a zero water exchange culture system. Aquaculture Research, 2005, 36, 834-840.	0.9	24
40	Nutritional evaluation of fatty acids for the open thelycum shrimp, <i>Litopenaeus vannamei</i> : I. Effect of dietary linoleic and linolenic acids at different concentrations and ratios on juvenile shrimp growth, survival and fatty acid composition. Aquaculture Nutrition, 2003, 9, 105-113.	1.1	37
41	Nutritional evaluation of fatty acids for the open thelycum shrimp, <i>Litopenaeus vannamei</i> : II. Effect of dietary n-3 and n-6 polyunsaturated and highly unsaturated fatty acids on juvenile shrimp growth, survival, and fatty acid composition. Aquaculture Nutrition, 2003, 9, 115-122.	1.1	61
42	Changes in lipid class and fatty acid composition of adult male <i>Litopenaeus vannamei</i> (Boone) in response to culture temperature and food deprivation. Aquaculture Research, 2003, 34, 1205-1213.	0.9	13
43	Dietary Effects on Sperm Quality of <i>Litopenaeus vannamei</i> Broodstock. Journal of the World Aquaculture Society, 2003, 34, 92-98.	1.2	19
44	Growth, survival and fatty acid composition of juvenile <i>Litopenaeus vannamei</i> fed different oils in the presence and absence of phospholipids. Aquaculture, 2002, 205, 325-343.	1.7	93
45	Effect of dietary phospholipid on essential fatty acid requirements and tissue lipid composition of <i>Litopenaeus vannamei</i> juveniles. Aquaculture, 2002, 207, 151-167.	1.7	77
46	Replacement of fresh dietary components by a dry feed for successful maturation of male <i>Litopenaeus vannamei</i> (Boone) broodstock. Aquaculture Research, 2002, 33, 1091-1095.	0.9	20
47	Effect of Various Dietary Lipid Levels on Quantitative Essential Fatty Acid Requirements of Juvenile Pacific White Shrimp <i>Litopenaeus vannamei</i> . Journal of the World Aquaculture Society, 2002, 33, 330-340.	1.2	66
48	Effect of temperature on sperm quality of captive <i>Litopenaeus vannamei</i> broodstock. Aquaculture, 2001, 198, 209-218.	1.7	47
49	Cofeeding of phospholipids to turbot <i>Scophthalmus maximus</i> L. larvae as a tool to reduce live food consumption. Aquaculture Nutrition, 1999, 5, 237-245.	1.1	4