

Elena Palacios

List of Publications by Year in descending order

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74
papers

2,229
citations

172457

29
h-index

233421

45
g-index

76
all docs

76
docs citations

76
times ranked

1640
citing authors

#	ARTICLE	IF	CITATIONS
1	Marine By-Products Tested as Feed for Almaco Jack <i>Seriola rivoliana</i> and Their Effect on Fatty Acids and Sterols in Different Tissues. <i>Waste and Biomass Valorization</i> , 2022, 13, 1945-1963.	3.4	1
2	Seasonal and interannual variation of sterols in macrophytes from the Pacific coast of Baja California Peninsula (Mexico). <i>Phycological Research</i> , 2021, 69, 41-47.	1.6	5
3	Fatty acid composition and spawning quality in wild and captive broodstock of Pacific red snapper <i>Lutjanus peru</i> . <i>Aquaculture</i> , 2021, 538, 736577.	3.5	2
4	Changes on the intestinal bacterial community of white shrimp <i>Penaeus vannamei</i> fed with green seaweeds. <i>Journal of Applied Phycology</i> , 2020, 32, 2061-2070.	2.8	11
5	Assessment of dietary lipid sources in tropical gar, <i>Atractosteus tropicus</i> larvae: Growth parameters and intermediary lipogenic gene expression. <i>Aquaculture Research</i> , 2020, 51, 2629-2640.	1.8	7
6	Stress response and lipid composition in shrimp <i>Litopenaeus vannamei</i> fed diets enriched with squid or scallop viscera meal. <i>Aquaculture Research</i> , 2020, 51, 1602-1622.	1.8	3
7	Reduction of spermatophore melanization in <i>Litopenaeus vannamei</i> shrimp fed <i>Ulva clathrata</i> during a commercial hatchery production. <i>Animal Reproduction Science</i> , 2020, 217, 106468.	1.5	1
8	Fatty acids, sterols, phenolic compounds, and carotenoid changes in response to dietary inclusion of <i>Ulva clathrata</i> in shrimp <i>Litopenaeus vannamei</i> broodstock. <i>Journal of Applied Phycology</i> , 2019, 31, 4009-4020.	2.8	8
9	Effect of rearing conditions on astaxanthin accumulation in the white shrimp <i>Penaeus vannamei</i> (Boone, 1931). <i>Latin American Journal of Aquatic Research</i> , 2019, 47, 303-309.	0.6	7
10	Successful rearing of whiteleg shrimp <i>Litopenaeus vannamei</i> larvae fed a desiccation-tolerant nematode to replace <i>Artemia</i> . <i>Aquaculture Nutrition</i> , 2018, 24, 903-910.	2.7	2
11	Quantitative genetic parameters of growth and fatty acid content in the hemolymph of the Whiteleg shrimp <i>Litopenaeus vannamei</i> . <i>Aquaculture</i> , 2018, 482, 17-23.	3.5	24
12	Enhancement of reproductive performance in shrimp <i>Litopenaeus vannamei</i> (Boone, 1931) by supplementation of <i>Ulva clathrata</i> meal in maturation diet in two commercial hatcheries. <i>Aquaculture Research</i> , 2018, 49, 1053-1059.	1.8	6
13	Use of marine by-product meals in diets for juvenile longfin yellowtail <i>Seriola rivoliana</i> . <i>Aquaculture Nutrition</i> , 2018, 24, 562-570.	2.7	10
14	Modulation of reproductive exhaustion using <i>Ulva clathrata</i> in Pacific white shrimp <i>Litopenaeus vannamei</i> (Boone, 1931) broodstock during commercial maturation. <i>Aquaculture Research</i> , 2018, 49, 3711-3722.	1.8	9
15	Effect of marine by-product meals on hen egg production parameters, yolk lipid composition and sensory quality. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, 462-473.	2.2	9
16	Postmortem Metabolic, Physicochemical, and Lipid Composition Changes in <i>Litopenaeus vannamei</i> in Response to Harvest Procedures. <i>Journal of Aquatic Food Product Technology</i> , 2017, 26, 1093-1106.	1.4	3
17	Comparison of quantitative gonad maturation scales in a temperate oyster (<i>Crassostrea gigas</i>) and a sub-tropical oyster (<i>Crassostrea corteziensis</i>). <i>Invertebrate Reproduction and Development</i> , 2017, 61, 147-156.	0.8	9
18	Marine co-product meals as a substitute of fishmeal in diets for white shrimp <i>Litopenaeus vannamei</i> improve growth, feed intake and muscle HUFA composition. <i>Aquaculture Research</i> , 2017, 48, 3782-3800.	1.8	4

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19	Optimizing initial feeding of the Pike silverside <i>Chirostoma estor</i> : oil droplet depletion, point of no return, growth and fatty acid utilization in larvae fed enriched rotifers. <i>Aquaculture Nutrition</i> , 2016, 22, 517-526.	2.7	3
20	Changes in fatty acids, sterols, pigments, lipid classes, and heavy metals of cooked or dried meals, compared to fresh marine by-products. <i>Animal Feed Science and Technology</i> , 2016, 221, 195-205.	2.2	28
21	Seasonal and interannual variation of fatty acids in macrophytes from the Pacific coast of Baja California Peninsula (Mexico). <i>Journal of Applied Phycology</i> , 2015, 27, 1297-1306.	2.8	13
22	Assessment of lipid classes and fatty acid levels in wild newborn seahorses (<i>Hippocampus erectus</i>) (Perry 1810): implications for survival and growth in aquarium culture. <i>Marine and Freshwater Behaviour and Physiology</i> , 2014, 47, 401-413.	0.9	2
23	Growth and survival of <i>Hippocampus erectus</i> (Perry, 1810) juveniles fed on <i>Artemia</i> with different HUFA levels. <i>Latin American Journal of Aquatic Research</i> , 2014, 42, 150-159.	0.6	6
24	Perfil de Ácidos grasos en leche de vacas Chinampas (<i>Bos taurus</i>) alimentadas con forraje fresco de matorral sarcocaulescente o heno de alfalfa. <i>Archivos De Medicina Veterinaria</i> , 2013, 45, 45-51.	0.2	5
25	Seasonal variations of biochemical, pigment, fatty acid, and sterol compositions in female <i>Crassostrea corteziensis</i> oysters in relation to the reproductive cycle. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2012, 163, 172-183.	1.6	39
26	The influence of dietary arachidonic acid on the immune response and performance of Pacific whiteleg shrimp, <i>Litopenaeus vannamei</i> , at high stocking density. <i>Aquaculture Nutrition</i> , 2012, 18, 258-271.	2.7	41
27	Effect of acclimatization on hemocyte functional characteristics of the Pacific oyster (<i>Crassostrea</i>) Tj ETQq1 1 0.784314 rgBTg/Overlock 3.6	3.6	8
28	The influence of dietary supplementation of arachidonic acid on prostaglandin production and oxidative stress in the Pacific oyster <i>Crassostrea gigas</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2011, 160, 87-93.	1.8	10
29	Occurrence of the <i>cis</i> -4,7,10, <i>trans</i> -13 Δ 22:4 Fatty Acid in the Family Pectinidae (Mollusca:) Tj ETQq1 1 0.784314 rgBTg/Overlock 1.7	1.7	4
30	Chemical Composition and Digestibility of Three Mexican Safflower Meals Used as Ingredients in Diets for Whiteleg Shrimp, <i>Litopenaeus vannamei</i> . <i>Journal of the World Aquaculture Society</i> , 2010, 41, 191-202.	2.4	9
31	Gonadal development in male and female domesticated whiteleg shrimp, <i>Litopenaeus vannamei</i> , in relation to age and weight. <i>Aquaculture</i> , 2010, 308, 116-123.	3.5	26
32	Effects of <i>Alexandrium minutum</i> exposure upon physiological and hematological variables of diploid and triploid oysters, <i>Crassostrea gigas</i> . <i>Aquatic Toxicology</i> , 2010, 97, 96-108.	4.0	68
33	Comparison of continuous and batch feeding systems on maturation, biochemical composition and immune variables of the oyster <i>Crassostrea corteziensis</i> (Hertlein 1951). <i>Aquaculture Research</i> , 2009, 40, 464-472.	1.8	11
34	Effect of diets containing different levels of highly unsaturated fatty acids on physiological and immune responses in Pacific whiteleg shrimp <i>Litopenaeus vannamei</i> (Boone) exposed to handling stress. <i>Aquaculture Research</i> , 2009, 40, 1849-1863.	1.8	37
35	Arachidonic acid (20:4n \sim 6) effect on reproduction, immunology, and prostaglandin E2 levels in <i>Crassostrea corteziensis</i> (Hertlein, 1951). <i>Aquaculture</i> , 2009, 294, 300-305.	3.5	33
36	Comparative biochemical composition of ploidy groups of the lion-paw scallop (<i>Nodipecten</i>) Tj ETQq0 0 0 rgBTg/Overlock 10 Tf 50 67 Td molluscâ€™s growth in food-rich environments. <i>Marine Biology</i> , 2008, 153, 1245-1256.	1.5	23

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37	MUSCLE AND ROE LIPID COMPOSITION IN DIPLOID AND TRIPLOID SCALLOPS. <i>Journal of Food Lipids</i> , 2008, 15, 407-419.	1.0	2
38	Gonadal Development and Histochemistry of the Tropical Oyster, <i>Crassostrea corteziensis</i> (Hertlein.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i>	0.9	72
39	Lipid composition of the pacific lion-paw scallop, <i>Nodipecten subnodosus</i> , in relation to gametogenesis. <i>Aquaculture</i> , 2007, 266, 266-273.	3.5	47
40	Progress on the genetics of reproductive performance in penaeid shrimp. <i>Aquaculture</i> , 2007, 268, 23-43.	3.5	37
41	Salinity stress test and its relation to future performance and different physiological responses in shrimp postlarvae. <i>Aquaculture</i> , 2007, 268, 123-135.	3.5	35
42	Effect of hypo- and hypersaline conditions on osmolality and Na ⁺ /K ⁺ -ATPase activity in juvenile shrimp (<i>Litopenaeus vannamei</i>) fed low- and high-HUFA diets. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007, 147, 703-710.	1.8	51
43	Lipid classes and fatty acids during embryogenesis of captive and wild silverside (<i>Chirostoma estor</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i>	2.3	19
44	Metabolic and immune responses in Pacific whiteleg shrimp <i>Litopenaeus vannamei</i> exposed to a repeated handling stress. <i>Aquaculture</i> , 2006, 258, 633-640.	3.5	81
45	Effect of hypo- and hyper-saline conditions on osmolality and fatty acid composition of juvenile shrimp <i>Litopenaeus vannamei</i> (Boone, 1931) fed low- and high-HUFA diets. <i>Aquaculture Research</i> , 2006, 37, 1316-1326.	1.8	21
46	Preferential behavior of white shrimp <i>Litopenaeus vannamei</i> (Boone 1931) by progressive temperature-salinity simultaneous interaction. <i>Journal of Thermal Biology</i> , 2006, 31, 565-572.	2.5	23
47	Heavy Metals in the Clam <i>Megapitaria squalida</i> Collected from Wild and Phosphorite Mine-Impacted Sites in Baja California, Mexico: Considerations for Human Health Effects. <i>Biological Trace Element Research</i> , 2006, 110, 275-288.	3.5	24
48	Advances in applied research for the culture of Mexican silversides (<i>Chirostoma</i> , <i>Atherinopsidae</i>). <i>Biocell</i> , 2006, 30, 137-48.	0.7	17
49	Larval quality in relation to consecutive spawnings in white shrimp <i>Litopenaeus vannamei</i> Boone. <i>Aquaculture Research</i> , 2005, 36, 890-897.	1.8	20
50	Ovary development at the onset of gametogenesis is genetically determined and correlated with reproductive traits at maturity in shrimp <i>Litopenaeus</i> (<i>Penaeus</i>) <i>vannamei</i> . <i>Marine Biology</i> , 2005, 148, 339-346.	1.5	22
51	Heritability of the categorical trait "number of spawns"™ in Pacific white female shrimp <i>Penaeus</i> (<i>Litopenaeus</i>) <i>vannamei</i> . <i>Aquaculture</i> , 2005, 250, 95-101.	3.5	21
52	Lipid composition of the giant lion's-paw scallop (<i>Nodipecten subnodosus</i>) in relation to gametogenesis. <i>Aquaculture</i> , 2005, 250, 270-282.	3.5	49
53	Sperm Quality Over Consecutive Spermatophore Regenerations in the Pacific White Shrimp <i>Litopenaeus vannamei</i> . <i>Journal of the World Aquaculture Society</i> , 2004, 35, 178-188.	2.4	23
54	Influence of highly unsaturated fatty acids on the responses of white shrimp (<i>Litopenaeus vannamei</i>) postlarvae to low salinity. <i>Journal of Experimental Marine Biology and Ecology</i> , 2004, 299, 201-215.	1.5	71

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55	Criteria for assessing larval and postlarval quality of Pacific white shrimp (<i>Litopenaeus vannamei</i>), Tj ETQq1 1 0.784314 rgBT /Overloc	3.5	33
56	Survival, Na ⁺ /K ⁺ -ATPase and lipid responses to salinity challenge in fed and starved white pacific shrimp (<i>Litopenaeus vannamei</i>) postlarvae. <i>Aquaculture</i> , 2004, 234, 497-511.	3.5	67
57	Salinity stress test as a predictor of survival during growout in pacific white shrimp (<i>Litopenaeus</i>) Tj ETQq1 1 0.784314 rgBT /Overloc	3.5	30
58	Effect of number of spawns on the resulting spawn quality of 1-year-old pond-reared <i>Penaeus vannamei</i> (Boone) broodstock. <i>Aquaculture Research</i> , 2003, 34, 427-435.	1.8	30
59	Haemolymph metabolic variables in relation to eyestalk ablation and gonad development of Pacific white shrimp <i>Litopenaeus vannamei</i> Boone. <i>Aquaculture Research</i> , 2003, 34, 749-755.	1.8	28
60	Growth and gametogenesis in the lion-paw scallop <i>Nodipecten (Lyropecten) subnodosus</i> . <i>Aquaculture</i> , 2003, 217, 335-349.	3.5	73
61	Feasible predictive criteria for reproductive performance of white shrimp <i>Litopenaeus vannamei</i> : egg quality and female physiological condition. <i>Aquaculture</i> , 2003, 228, 335-349.	3.5	49
62	Shrimp larval quality in relation to broodstock condition. <i>Aquaculture</i> , 2003, 227, 107-130.	3.5	140
63	Title is missing!. <i>Aquaculture International</i> , 2001, 9, 531-543.	2.2	42
64	Tissue biochemical composition in relation to multiple spawning in wild and pond-reared <i>Penaeus vannamei</i> broodstock. <i>Aquaculture</i> , 2000, 185, 353-371.	3.5	107
65	Comparison of ovary histology between different-sized wild and pond-reared shrimp <i>Litopenaeus vannamei</i> (= <i>Penaeus vannamei</i>). <i>Invertebrate Reproduction and Development</i> , 1999, 35, 251-259.	0.8	41
66	Effect of Eyestalk Ablation on Maturation, Larval Performance, and Biochemistry of White Pacific Shrimp, <i>Penaeus vannamei</i> , Broodstock. <i>Journal of Applied Aquaculture</i> , 1999, 9, 1-23.	1.4	36
67	Spawning Frequency Analysis of Wild and Pond-Reared Pacific White Shrimp <i>Penaeus vannamei</i> Broodstock under Large-Scale Hatchery Conditions. <i>Journal of the World Aquaculture Society</i> , 1999, 30, 180-191.	2.4	60
68	Reproductive exhaustion in shrimp (<i>Penaeus vannamei</i>) reflected in larval biochemical composition, survival and growth. <i>Aquaculture</i> , 1999, 171, 309-321.	3.5	102
69	Hemolymph Metabolic Variables in Response to Experimental Manipulation Stress and Serotonin Injection in <i>Penaeus vannamei</i> . <i>Journal of the World Aquaculture Society</i> , 1998, 29, 351-356.	2.4	79
70	Biochemical composition of eggs and nauplii in White Pacific Shrimp, <i>Penaeus vannamei</i> (Boone), in relation to the physiological condition of spawners in a commercial hatchery. <i>Aquaculture Research</i> , 1998, 29, 183-189.	1.8	46
71	Biochemical composition of eggs and nauplii in White Pacific Shrimp, <i>Penaeus vannamei</i> (Boone), in relation to the physiological condition of spawners in a commercial hatchery. <i>Aquaculture Research</i> , 1998, 29, 183-189.	1.8	45
72	Effect of stocking densities on trace metal concentration in three tissues of the brown shrimp <i>Penaeus californiensis</i> . <i>Aquaculture</i> , 1997, 156, 21-34.	3.5	17

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73	Effect of lipectomy and long-term dexamethasone on visceral fat and metabolic variables in rats. <i>Metabolism: Clinical and Experimental</i> , 1995, 44, 1631-1638.	3.4	13
74	Norepinephrine inhibition of water and food intake: Comparison with vasopressin effects. <i>Physiology and Behavior</i> , 1995, 57, 141-145.	2.1	6