

Alicia EstÃ©vez

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

2,501
citations

172386

29
h-index

254106

43
g-index

106
all docs

106
docs citations

106
times ranked

2229
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of digestive enzymes in common dentex <i>Dentex dentex</i> during early ontogeny. <i>Aquaculture</i> , 2009, 287, 381-387.	1.7	157
2	Larval performance and skeletal deformities in farmed gilthead sea bream (<i>Sparus aurata</i>) fed with graded levels of Vitamin A enriched rotifers (<i>Brachionus plicatilis</i>). <i>Aquaculture</i> , 2008, 283, 102-115.	1.7	138
3	New developments and biological insights into the farming of <i>Solea senegalensis</i> reinforcing its aquaculture potential. <i>Reviews in Aquaculture</i> , 2016, 8, 227-263.	4.6	86
4	Effect of dietary vitamin A on Senegalese sole (<i>Solea senegalensis</i>) skeletogenesis and larval quality. <i>Aquaculture</i> , 2009, 295, 250-265.	1.7	77
5	Weaning wild flathead grey mullet (<i>Mugil cephalus</i>) fry with diets with different levels of fish meal substitution. <i>Aquaculture</i> , 2016, 462, 92-100.	1.7	64
6	Morphological and histological study of larval development of the Senegal sole <i>Solea senegalensis</i> : an integrative study. <i>Journal of Fish Biology</i> , 2011, 79, 3-32.	0.7	61
7	Commercial products for <i>Artemia</i> enrichment affect growth performance, digestive system maturation, ossification and incidence of skeletal deformities in Senegalese sole (<i>Solea senegalensis</i>) larvae. <i>Aquaculture</i> , 2012, 324-325, 290-302.	1.7	59
8	Development Temperature Has Persistent Effects on Muscle Growth Responses in Gilthead Sea Bream. <i>PLoS ONE</i> , 2012, 7, e51884.	1.1	55
9	Fast skeletal muscle transcriptome of the Gilthead sea bream (<i>Sparus aurata</i>) determined by next generation sequencing. <i>BMC Genomics</i> , 2012, 13, 181.	1.2	52
10	Effects of graded levels of arachidonic acid on the reproductive physiology of Senegalese sole (<i>Solea</i>) bred in captivity. <i>General and Comparative Endocrinology</i> , 2013, 191, 92-101.	0.8	48
11	Reproductive development, GnRHa-induced spawning and egg quality of wild meagre (<i>Argyrosomus</i>)	1.784314	844
12	Dietary modulation of arachidonic acid metabolism in senegalese sole (<i>Solea Senegalensis</i>) broodstock reared in captivity. <i>Aquaculture</i> , 2013, 372-375, 80-88.	1.7	44
13	Evaluation of fluorogenic substrates in the assessment of digestive enzymes in a decapod crustacean <i>Maja brachydactyla</i> larvae. <i>Aquaculture</i> , 2008, 282, 90-96.	1.7	42
14	Effects of different levels of plant proteins on the ongrowing of meagre (<i>Argyrosomus regius</i>) juveniles at low temperatures. <i>Aquaculture Nutrition</i> , 2011, 17, e572-e582.	1.1	41
15	The effect of dietary arachidonic acid during the <i>Artemia</i> feeding period on larval growth and skeletogenesis in Senegalese sole, <i>Solea senegalensis</i> . <i>Journal of Applied Ichthyology</i> , 2012, 28, 411-418.	0.3	40
16	Light conditions for larval rearing of meagre (<i>Argyrosomus regius</i>). <i>Aquaculture</i> , 2013, 376-379, 15-19.	1.7	40
17	Morphological and functional description of the development of the digestive system in meagre (<i>Argyrosomus regius</i>): An integrative approach. <i>Aquaculture</i> , 2016, 464, 381-391.	1.7	40
18	Ontogeny and modulation after PAMPs stimulation of β -defensin, hepcidin, and piscidin antimicrobial peptides in meagre (<i>Argyrosomus regius</i>). <i>Fish and Shellfish Immunology</i> , 2017, 69, 200-210.	1.6	40

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19	Effects of dietary eicosapentaenoic acid on growth, survival, pigmentation and fatty acid composition in Senegal sole (<i>Solea senegalensis</i>) larvae during the <i>Artemia</i> feeding period. <i>Aquaculture Nutrition</i> , 2008, 14, 232-241.	1.1	39
20	The larval development of <i>Maja squinado</i> and <i>M. brachydactyla</i> (Decapoda, Brachyura, Majidae) described from plankton collected and laboratory-reared material. <i>Journal of Natural History</i> , 2008, 42, 2257-2276.	0.2	35
21	Development of the first standardised panel of two new microsatellite multiplex <i>scp</i> -PCR's for gilthead seabream (<i>Sparus aurata</i> L.). <i>Animal Genetics</i> , 2013, 44, 533-546.	0.6	35
22	Arachidonic acid, arachidonic/eicosapentaenoic acid ratio, stearidonic acid and eicosanoids are involved in dietary-induced albinism in Senegal sole (<i>Solea senegalensis</i>). <i>Aquaculture Nutrition</i> , 2008, 14, 120-128.	1.1	34
23	A comparison of recirculation aquaculture systems versus biofloc technology culture system for on-growing of fry of <i>Tinca tinca</i> (Cyprinidae) and fry of grey <i>Mugil cephalus</i> (Mugilidae). <i>Aquaculture</i> , 2018, 482, 155-161.	1.7	34
24	Developmental patterns of larval growth in the edible spider crab, <i>Maja brachydactyla</i> (Decapoda: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.7	33
25	Proximate and fatty acid compositions in muscle, liver and gonads of wild versus cultured broodstock of Senegalese sole (<i>Solea senegalensis</i>). <i>Aquaculture</i> , 2012, 356-357, 176-185.	1.7	33
26	Self-selection of diets with different contents of arachidonic acid by Senegalese sole (<i>Solea</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 T	1.7	33
27	Effect of delayed first feeding on larval performance of the spider crab <i>Maja brachydactyla</i> assessed by digestive enzyme activities and biometric parameters. <i>Marine Biology</i> , 2010, 157, 2215-2227.	0.7	32
28	Isolipidic diets differing in their essential fatty acid profiles affect the deposition of unsaturated neutral lipids in the intestine, liver and vascular system of Senegalese sole larvae and early juveniles. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2012, 162, 59-70.	0.8	31
29	Meta-analysis approach to the effects of live prey on the growth of <i>Octopus vulgaris</i> paralarvae under culture conditions. <i>Reviews in Aquaculture</i> , 2018, 10, 3-14.	4.6	31
30	Prostaglandin (F and E, 2- and 3-series) production and cyclooxygenase (COX-2) gene expression of wild and cultured broodstock of senegalese sole (<i>Solea senegalensis</i>). <i>General and Comparative Endocrinology</i> , 2012, 177, 256-262.	0.8	30
31	Aquaculture production of meagre (<i>Argyrosomus regius</i>): hatchery techniques, ongrowing and market. , 2013, , 519-541.		30
32	Genetic parameters and genotype-environment interactions for skeleton deformities and growth traits at different ages on gilthead seabream (<i>Sparus aurata</i> L.) in four Spanish regions. <i>Animal Genetics</i> , 2015, 46, 164-174.	0.6	30
33	Dietary fatty acid composition affects food intake and gut-brain satiety signaling in Senegalese sole (<i>Solea senegalensis</i> , Kaup 1858) larvae and post-larvae. <i>General and Comparative Endocrinology</i> , 2016, 228, 79-94.	0.8	28
34	Coordinated Regulation of Chromatophore Differentiation and Melanogenesis during the Ontogeny of Skin Pigmentation of <i>Solea senegalensis</i> (Kaup, 1858). <i>PLoS ONE</i> , 2013, 8, e63005.	1.1	27
35	Mechanisms of lipid metabolism and transport underlying superior performance of Senegalese sole () Tj ETQq1 1 0.784314 rgBT /Overlo Aquaculture, 2016, 450, 383-396.	1.7	27
36	Unveiling the effect of dietary essential oils supplementation in <i>Sparus aurata</i> gills and its efficiency against the infestation by <i>Sparicotyle chrysofhrui</i> . <i>Scientific Reports</i> , 2020, 10, 17764.	1.6	27

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37	Ontogenetic changes in digestive enzymatic capacities of the spider crab, <i>Maja brachydactyla</i> (Decapoda: Majidae). <i>Journal of Experimental Marine Biology and Ecology</i> , 2010, 389, 75-84.	0.7	26
38	Thermal imprinting modifies bone homeostasis in cold challenged sea bream (<i>Sparus aurata</i> , L.). <i>Journal of Experimental Biology</i> , 2017, 220, 3442-3454.	0.8	26
39	Brewery by-products (yeast and spent grain) as protein sources in gilthead seabream (<i>Sparus aurata</i>) feeds. <i>Aquaculture</i> , 2021, 543, 736921.	1.7	26
40	Annual variation in the biochemical composition of newly hatched larvae of <i>Maja brachydactyla</i> in captivity. <i>Aquaculture</i> , 2010, 310, 99-105.	1.7	25
41	High dietary arachidonic acid levels affect the process of eye migration and head shape in pseudoalbino Senegalese sole (<i>Solea senegalensis</i>) early juveniles. <i>Journal of Fish Biology</i> , 2013, 83, 1302-1320.	0.7	25
42	Estimates of heritabilities and genetic correlations of growth and external skeletal deformities at different ages in a reared gilthead sea bream (<i>Sparus aurata</i> L.) population sourced from three broodstocks along the Spanish coasts. <i>Aquaculture</i> , 2015, 445, 33-41.	1.7	25
43	Morphological and Molecular Characterization of Dietary-Induced Pseudo-Albinism during Post-Embryonic Development of <i>Solea senegalensis</i> (Kaup, 1858). <i>PLoS ONE</i> , 2013, 8, e68844.	1.1	24
44	Senegalese sole (<i>Solea senegalensis</i>) metamorphic larvae are more sensitive to pseudo-albinism induced by high dietary arachidonic acid levels than post-metamorphic larvae. <i>Aquaculture</i> , 2014, 433, 276-287.	1.7	23
45	Molecular regulation of both dietary vitamin A and fatty acid absorption and metabolism associated with larval morphogenesis of Senegalese sole (<i>Solea senegalensis</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2012, 161, 130-139.	0.8	22
46	Osteology of the axial and appendicular skeletons of the meagre <i>Argyrosomus regius</i> (Sciaenidae) and early skeletal development at two rearing facilities. <i>Journal of Applied Ichthyology</i> , 2012, 28, 464-470.	0.3	22
47	Image analysis-based classification of pigmentation patterns in fish: A case study of pseudo-albinism in Senegalese sole. <i>Aquaculture</i> , 2016, 464, 303-308.	1.7	22
48	Effects on growth and biochemical responses in juvenile gilthead seabream <i>Sparus aurata</i> after long-term dietary exposure to low levels of dioxins. <i>Chemosphere</i> , 2008, 73, S303-S310.	4.2	21
49	Estimates of heritabilities and genetic correlations of carcass quality traits in a reared gilthead sea bream (<i>Sparus aurata</i> L.) population sourced from three broodstocks along the Spanish coasts. <i>Aquaculture</i> , 2015, 446, 175-180.	1.7	20
50	Estimates of heritabilities and genetic correlations of raw flesh quality traits in a reared gilthead sea bream (<i>Sparus aurata</i> L.) population sourced from broodstocks along the Spanish coasts. <i>Aquaculture</i> , 2015, 446, 181-186.	1.7	19
51	Early weaning in meagre <i>Argyrosomus regius</i> : Effects on growth, survival, digestion and skeletal deformities. <i>Aquaculture Research</i> , 2017, 48, 5289-5299.	0.9	19
52	Thermal imprinting modifies adult stress and innate immune responsiveness in the teleost sea bream. <i>Journal of Endocrinology</i> , 2017, 233, 381-394.	1.2	19
53	Dietary Fatty Acid Metabolism is Affected More by Lipid Level than Source in Senegalese Sole Juveniles: Interactions for Optimal Dietary Formulation. <i>Lipids</i> , 2016, 51, 105-122.	0.7	17
54	Assessment of stress and nutritional biomarkers in cultured <i>Octopus vulgaris</i> paralarvae: Effects of geographical origin and dietary regime. <i>Aquaculture</i> , 2017, 468, 558-568.	1.7	17

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55	Embryo and larva development in common dentex (<i>Dentex dentex</i>), a pelagophil teleost: The quantitative composition of egg-free amino acids and their interrelations. <i>Theriogenology</i> , 2010, 73, 909-919.	0.9	16
56	The effect of dietary oxidized lipid levels on growth performance, antioxidant enzyme activities, intestinal lipid deposition and skeletogenesis in Senegalese sole (<i>Solea senegalensis</i>) larvae. <i>Aquaculture Nutrition</i> , 2014, 20, 692-711.	1.1	16
57	The Inclusion of the Microalga <i>Scenedesmus</i> sp. in Diets for Rainbow Trout, <i>Onchorhynchus mykiss</i> , Juveniles. <i>Animals</i> , 2020, 10, 1656.	1.0	16
58	The effects of dietary arachidonic acid on bone in flatfish larvae: the last but not the least of the essential fatty acids. <i>Journal of Applied Ichthyology</i> , 2014, 30, 643-651.	0.3	15
59	Optimization of emulsion properties and enrichment conditions used in live prey enrichment. <i>Aquaculture Nutrition</i> , 2017, 23, 1264-1273.	1.1	15
60	Variations in Bacterial Community of Rearing Water and Gut of Common Dentex, (<i>Dentex dentex</i>) (Linnaeus 1758), Larvae Using Three Microalgae Management Approaches. <i>Journal of the World Aquaculture Society</i> , 2018, 49, 953-963.	1.2	14
61	Evaluation of quantitative importance of egg lipids and fatty acids during embryos and larvae development in marine pelagophil teleosts: with an emphasis on <i>Dentex dentex</i> . <i>Journal of Experimental Zoology</i> , 2009, 311A, 735-751.	1.2	13
62	Differential utilization of biochemical components during larval development of the spider crab <i>Maja brachydactyla</i> (Decapoda: Majidae). <i>Marine Biology</i> , 2010, 157, 2329-2340.	0.7	13
63	Estimates of heritabilities and genetic correlations of skeletal deformities and uninflated swimbladder in a reared gilthead sea bream (<i>Sparus aurata</i> L.) juvenile population sourced from three broodstocks along the Spanish coasts. <i>Aquaculture</i> , 2016, 464, 601-608.	1.7	13
64	The effects of dietary arachidonic acid on Senegalese sole morphogenesis: A synthesis of recent findings. <i>Aquaculture</i> , 2014, 432, 443-452.	1.7	12
65	Effect of alternative oil sources at different dietary inclusion levels on food intake and appetite regulation via enteroendocrine and central factors in juvenile <i>Solea senegalensis</i> (Kaup, 1858). <i>Aquaculture</i> , 2017, 470, 169-181.	1.7	12
66	The effect of live food enrichment with docosahexaenoic acid (22:6n-3) rich emulsions on growth, survival and fatty acid composition of meagre (<i>Argyrosomus regius</i>) larvae. <i>Aquaculture</i> , 2017, 478, 16-24.	1.7	12
67	Zebrafish as a Model to Screen the Potential of Fatty Acids in Reproduction. <i>Zebrafish</i> , 2019, 16, 47-64.	0.5	12
68	Understanding the Interaction Effects between Dietary Lipid Content and Rearing Temperature on Growth Performance, Feed Utilization, and Fat Deposition of Sea Bass (<i>Dicentrarchus labrax</i>). <i>Animals</i> , 2021, 11, 392.	1.0	12
69	Parentage assignment, estimates of heritability and genetic correlation for growth-related traits in meagre <i>Argyrosomus regius</i> . <i>Aquaculture</i> , 2020, 518, 734663.	1.7	11
70	Scale-dependent natural variation in larval nutritional reserves in a marine invertebrate: implications for recruitment and cross-ecosystem coupling. <i>Marine Ecology - Progress Series</i> , 2017, 570, 141-155.	0.9	11
71	Effects of alternative and sustainable ingredients, insect meal, microalgae and protein and lipid from tuna cooking water, on meagre (<i>Argyrosomus regius</i>) growth, food conversion and muscle and liver composition. <i>Aquaculture</i> , 2022, 548, 737549.	1.7	11
72	Changes in lipid content, fatty acid composition and lipid class composition of eggs and developing larvae (040days old) of cultured common dentex (<i>Dentex dentex</i>) Linnaeus 1758). <i>Aquaculture Nutrition</i> , 2008, 14, 300-308.	1.1	10

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73	Replacement of live prey by formulated diets in larval rearing of spider crab <i>Maja brachydactyla</i> . <i>Aquaculture</i> , 2011, 313, 50-56.	1.7	10
74	Genetic assessment of three gilthead sea bream (<i>Sparus aurata</i> L.) populations along the Spanish coast and of three broodstocks managements. <i>Aquaculture International</i> , 2016, 24, 1409-1420.	1.1	10
75	Assessing the spawning season in common dentex (<i>Dentex dentex</i>) using microsatellites. <i>Aquaculture Research</i> , 2008, 39, 1258-1267.	0.9	9
76	Quantitative composition of vitellogenin-derived yolk proteins and their effects on viability of embryos and larvae of common dentex (<i>Dentex dentex</i>), a marine pelagophil teleost. <i>Journal of Experimental Zoology</i> , 2009, 311A, 504-520.	1.2	9
77	Dietary Lecithin Source Affects Growth Potential and Gene Expression in <i>Sparus aurata</i> Larvae. <i>Lipids</i> , 2010, 45, 1011-1023.	0.7	9
78	Effect of different enrichment products rich in docosahexaenoic acid on growth and survival of meagre, <i>Argyrosomus regius</i> (Asso, 1801). <i>Journal of the World Aquaculture Society</i> , 2015, 46, 191-200.	1.2	9
79	Ontogeny of lymphoid organs and mucosal associated lymphoid tissues in meagre (<i>Argyrosomus</i>) Tj ETQq1 1 0.784314 rgBT _g /Overloc	1.6	9
80	The bioenergetic fuel for non-feeding larval development in an endemic palaemonid shrimp from the Iberian Peninsula, <i>Palaemonetes zariquieyi</i> . <i>Marine and Freshwater Behaviour and Physiology</i> , 2013, 46, 381-397.	0.4	8
81	Interannual variability in the biochemical composition of newly hatched larvae of the spider crab <i>Maja brachydactyla</i> (Decapoda, Majidae). <i>Marine Ecology</i> , 2014, 35, 298-307.	0.4	8
82	High environmental salinity reduces the reproductive potential of the spider crab <i>Maja brachydactyla</i> (Decapoda, Majidae). <i>Marine Ecology</i> , 2015, 36, 496-505.	0.4	8
83	Linkage mapping, comparative genome analysis, and QTL detection for growth in a non-model teleost, the meagre <i>Argyrosomus regius</i> , using ddRAD sequencing. <i>Scientific Reports</i> , 2022, 12, 5301.	1.6	8
84	<i>Diplectanum sciaenae</i> (Van Beneden & Hesse, 1863) (Monogenea) infecting meagre, <i>Argyrosomus regius</i> (Asso, 1801) broodstock in Catalonia, Spain. A case report. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2015, 1-2, 75-79.	0.3	7
85	Larval growth and biochemical composition of the protected Mediterranean spider crab <i>Maja squinado</i> (Brachyura, Majidae). <i>Aquatic Biology</i> , 2014, 20, 13-21.	0.5	6
86	Egg protein bound amino acid content and embryo/larva success in common dentex (<i>Dentex dentex</i>), a marine pelagophil teleost. <i>Animal Biology</i> , 2013, 63, 59-75.	0.6	5
87	Use of Ox-Aquaculture for disinfection of live prey and meagre larvae, <i>Argyrosomus regius</i> (Asso.) Tj ETQq1 1 0.784314 rgBT _g /Overloc	0.9	5
88	The effect of male absence on the larval production of the spider crab <i>Maja brachydactyla</i> Balss, 1922. <i>Aquaculture Research</i> , 2015, 46, 937-944.	0.9	5
89	An Endeavor to Find Starter Feed Alternatives and Techniques for Zebrafish First-Feeding Larvae: The Effects on Viability, Morphometric Traits, Digestive Enzymes, and Expression of Growth-Related Genes. <i>Zebrafish</i> , 2021, 18, 73-91.	0.5	5
90	Effects of a peroxide-based commercial product on bacterial load of larval rearing water and on larval survival of two species of Sparidae under intensive culture: preliminary study. <i>Aquaculture Research</i> , 2009, 40, 504-508.	0.9	4

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91	Embryo and larva development in <i>Dentex dentex</i> , a marine pelagophil teleost: an endeavor to find a series of new fatty acid interrelations. <i>Journal of Experimental Zoology</i> , 2012, 317A, 55-72.	1.2	4
92	Muscle and liver transcriptome characterization and genetic marker discovery in the farmed meagre, <i>Argyrosomus regius</i> . <i>Marine Genomics</i> , 2018, 39, 39-44.	0.4	4
93	Gene expression analysis of the innate immune system during early rearing and weaning of meagre (<i>Argyrosomus regius</i>). <i>Fish and Shellfish Immunology</i> , 2019, 94, 819-832.	1.6	4
94	Lecithin-enriched <i>Artemia</i> combined with inert diet and its effects on reproduction and digestive enzymes of <i>Aequidens rivulatus</i> . <i>Aquaculture</i> , 2019, 511, 734253.	1.7	4
95	Effects of dietary arachidonic and eicosapentaenoic acids on common dentex (<i>Dentex dentex</i> Linnaeus) Tj ETQq1 1,0.784314 rgBT /Ov	1.2	4
96	Phospholipids improve the performance, physiological, antioxidative responses and, <i>lpl</i> and <i>igf1</i> gene expressions in juvenile stellate sturgeon (<i>Acipenser stellatus</i>). <i>Aquaculture</i> , 2021, 541, 736809.	1.7	4
97	Short-term enrichment of microalgae with inorganic selenium and zinc and their effects on the mineral composition of microalgae and marine rotifer <i>Brachionus plicatilis</i> . <i>Aquaculture Nutrition</i> , 2021, 27, 2772-2785.	1.1	4
98	Decontamination trends in the aquacultured fish gilthead seabream (<i>Sparus aurata</i>) after feeding long-term a PCDD/F spiked feed. <i>Chemosphere</i> , 2011, 82, 64-71.	4.2	3
99	Evidence for the fragmentation of VtgAb LvH in common dentex (<i>Dentex dentex</i>), a marine pelagophil teleost. <i>Theriogenology</i> , 2011, 76, 110-114.	0.9	2
100	Brewer's Spent Dry Yeast Modulates Immunity in Gilthead Sea Bream (<i>Sparus aurata</i>). <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	2
101	Effects of Alternative and Sustainable Ingredients on Rainbow Trout (<i>Oncorhynchus mykiss</i>) Growth, Muscle Composition and Health. <i>Aquaculture Journal</i> , 2022, 2, 37-50.	0.7	2
102	Long-term incorporation of Selenium and Zinc in microalgae <i>Isochrysis galbana</i> and <i>Nannochloropsis oculata</i> and its effects on rotifer. <i>Aquaculture Research</i> , 0, , .	0.9	1
103	Consumption of feeds containing the antibiotic sulfadiazine by gilthead sea bream (<i>Sparus aurata</i> , L.) and rainbow trout (<i>Oncorhynchus mykiss</i> , Walbaum). <i>Aquaculture Research</i> , 2017, 48, 2291-2302.	0.9	0
104	Egg quality variability in common dentex (<i>Dentex dentex</i> , L.): Comparison of different quality indexes. <i>Aquaculture</i> , 2019, 501, 48-50.	1.7	0