Miquel Planas

List of Publications by Year
in descending order

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71 papers	2,198 citations	279487 23 h-index	253896 43 g-index
104 all docs	104 docs citations	104 times ranked	1888 citing authors

#	Article	IF	Citations
1	First evidence of ingestion and retention of microplastics in seahorses (Hippocampus reidi) using copepods (Acartia tonsa) as transfer vectors. Science of the Total Environment, 2022, 818, 151688.	3.9	7
2	Turnover Rates and Dietâ€“Tissue Discrimination Factors of Nitrogen and Carbon Stable Isotopes in Seahorse Hippocampus reidi Juveniles Following a Laboratory Diet Shift. Animals, 2022, 12, 1232.	1.0	2
3	Ecological Traits and Trophic Plasticity in The Greater Pipefish Syngnathus acus in the NW Iberian Peninsula. Biology, 2022, 11, 712.	1.3	3
4	Sustainable Aquaculture: Nutrition Studies in Early Developing Finfish, Ornamentals and Experimental Model Fish. Animals, 2022, 12, 1384.	1.0	1
5	Carry-over effects of pre-breeding diets on seahorse (Hippocampus reidi) reproductive success. Aquaculture, 2021, 533, 736148.	1.7	9
6	A multidisciplinary approach to identify priority areas for the monitoring of a vulnerable family of fishes in Spanish Marine National Parks. Bmc Ecology and Evolution, 2021, 21, 4.	0.7	8
7	Nutrient Incorporation in First Feeding Seahorses Evidenced by Stable Carbon Isotopes. Animals, 2021, 11, 470.	1.0	6
8	Does acidification lead to impairments on oxidative status and survival of orange clownfish Amphiprion percula juveniles?. Fish Physiology and Biochemistry, 2021, 47, 841-848.	0.9	4
9	Successful Use of Geochemical Tools to Trace the Geographic Origin of Long-Snouted Seahorse Hippocampus guttulatus Raised in Captivity. Animals, 2021, 11, 1534.	1.0	2
10	Pre-breeding Diets in the Seahorse Hippocampus reidi: How Do They Affect Fatty Acid Profiles, Energetic Status and Histological Features in Newborn?. Frontiers in Marine Science, 2021, 8, .	1.2	6
11	Administration of the probiotic Lactobacillus rhamnosus IMC 501 as a strategy for the control of Vibrio bacteria in the brine shrimp Artemia. Letters in Applied Microbiology, 2021, 73, 336-342.	1.0	4
12	Primary, secondary, and tertiary stress responses of juvenile seahorse Hippocampus reidi exposed to acute acid stress in brackish and seawater. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2021, 255, 110592.	0.7	6
13	Preferential habitats prediction in syngnathids using species distribution models. Marine Environmental Research, 2021, 172, 105488.	1.1	12
14	Dynamic changes in DNA methylation during seahorse (Hippocampus reidi) postnatal development and settlement. Frontiers in Zoology, 2021, 18, 52.	0.9	4
15	Structure and Trophic Niches in Mobile Epifauna Assemblages Associated With Seaweeds and Habitats of Syngnathid Fishes in CÃes Archipelago (Atlantic Islands Marine National Park, North West Iberia). Frontiers in Marine Science, 2021, 8, .	1.2	6
16	A Multidisciplinary Experimental Study on the Effects of Breeders Diet on Newborn Seahorses (Hippocampus guttulatus). Frontiers in Marine Science, 2020, 7, .	1.2	13
17	Application of Effective Day Degrees in the Assessment of Stable Isotope Patterns in Developing Seahorses under Different Temperatures. Animals, 2020, 10, 1571.	1.0	3
18	Effects of Tissue Preservation on Carbon and Nitrogen Stable Isotope Signatures in Syngnathid Fishes and Prey. Animals, 2020, 10, 2301.	1.0	6

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19	Effect of diet on breeders and inheritance in syngnathids: application of isotopic experimentally derived data to field studies. Marine Ecology - Progress Series, 2020, 650, 107-123.	0.9	16
20	The influence of diet on the early development of two seahorse species (H. guttulatus and H. reidi): Traditional and innovative approaches. Aquaculture, 2018, 490, 75-90.	1.7	41
21	Optimizing packing of live seahorses for shipping. Aquaculture, 2018, 482, 57-64.	1.7	11
22	Histological development of the longâ€snouted seahorse <scp>Hippocampus guttulatus</scp> during ontogeny. Journal of Fish Biology, 2018, 93, 72-87.	0.7	14
23	Ongrowing and enhancement of n-3 HUFA profile in adult Artemia: short- vs long-time enrichment. Journal of Applied Phycology, 2017, 29, 1409-1420.	1.5	15
24	Seahorse Aquaculture, Biology and Conservation: Knowledge Gaps and Research Opportunities. Reviews in Fisheries Science and Aquaculture, 2017, 25, 100-111.	5.1	37
25	Dietary composition of endangered seahorses determined by stable isotope analysis. Marine and Freshwater Research, 2017, 68, 831.	0.7	18
26	Ontogeny of digestive enzymatic capacities in juvenile seahorsesHippocampus guttulatusfed on different live diets. Aquaculture Research, 2016, 47, 3558-3569.	0.9	11
27	Mouth Growth and Prey Selection in Juveniles of the European Longâ€snouted Seahorse, Hippocampus guttulatus. Journal of the World Aquaculture Society, 2015, 46, 596-607.	1.2	17
28	Analysis of the diet of the long-snouted seahorseHippocampus guttulatusby 18SrDNA amplification of prey in faeces. Aquaculture Nutrition, 2015, 21, 528-540.	1.1	18
29	Stimulative effect of lactic acid bacteria in the growth of the microalgae Isochrysis galbana. Journal of Coastal Life Medicine, 2015, 3, 925-930.	0.2	4
30	Conservation Genetics of Threatened Hippocampus guttulatus in Vulnerable Habitats in NW Spain: Temporal and Spatial Stability of Wild Populations with Flexible Polygamous Mating System in Captivity. PLoS ONE, 2015, 10, e0117538.	1.1	18
31	Mycobacterium hippocampi sp. nov., a Rapidly Growing Scotochromogenic Species Isolated from a Seahorse with Tail Rot. Current Microbiology, 2014, 69, 329-333.	1.0	23
32	Implications of physical key factors in the early rearing of the long-snouted seahorse Hippocampus guttulatus. Aquaculture, 2014, 433, 214-222.	1.7	24
33	Isolation and molecular identification of the scuticociliate <scp>P</scp>orpostoma notata Moebius, 1888 from moribund reared <scp>H</scp>ippocampus hippocampus (L.) seahorses, by amplification of the <scp>SSU rRNA</scp> gene sequences. Journal of Fish Diseases, 2014, 37, 1061-1065.	0.9	12
34	Maturation of Hippocampus guttulatus and Hippocampus hippocampus females by manipulation of temperature and photoperiod regimes. Aquaculture, 2013, 388-391, 147-152.	1.7	15
35	Dynamics of PPARs, fatty acid metabolism genes and lipid classes in eggs and early larvae of a teleost. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2013, 164, 247-258.	0.7	40
36	Temperature-induced changes of growth and survival in the early development of the seahorse Hippocampus guttulatus. Journal of Experimental Marine Biology and Ecology, 2012, 438, 154-162.	0.7	37

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37	Non-lethal dorsal fin sampling for stable isotope analysis in seahorses. Aquatic Ecology, 2012, 46, 363-370.	0.7	26
38	A microsatellite panel for mating system analysis and broodstock management of captive long-snouted seahorse Hippocampus guttulatus. Aquaculture, 2012, 356-357, 153-157.	1.7	5
39	Vibrio inhibens sp. nov., a novel bacterium with inhibitory activity against Vibrio species. Journal of Antibiotics, 2012, 65, 301-305.	1.0	11
40	Oceanibacterium hippocampi gen. nov., sp. nov., isolated from cutaneous mucus of wild seahorses (Hippocampus guttulatus). Antonie Van Leeuwenhoek, 2012, 102, 187-191.	0.7	14
41	First observations of conjoined twins in newborn seahorses, Hippocampus guttulatus Cuvier. Journal of Fish Diseases, 2012, 35, 705-708.	0.9	7
42	NovelMycobacteriumSpecies in Seahorses with Tail Rot. Emerging Infectious Diseases, 2011, 17, 1770-1772.	2.0	11
43	Advances in Breeding and Rearing Marine Ornamentals. Journal of the World Aquaculture Society, 2011, 42, 135-166.	1.2	191
44	New Strategies for the Control of Bacterial Infections in Marine Fish Larval Rearing. , 2011, , 1-30.		2
45	Isolation of Vibrio alginolyticus and Vibrio splendidus from captive-bred seahorses with disease symptoms. Antonie Van Leeuwenhoek, 2010, 97, 207-210.	0.7	74
46	Phylogenetic characterization and in situ detection of bacterial communities associated with seahorses (Hippocampus guttulatus) in captivity. Systematic and Applied Microbiology, 2010, 33, 71-77.	1.2	39
47	Vibrio hippocampi sp. nov., a new species isolated from wild seahorses (Hippocampus guttulatus). FEMS Microbiology Letters, 2010, 307, 30-34.	0.7	16
48	Identification and characterization of bacteria with antibacterial activities isolated from seahorses (Hippocampus guttulatus). Journal of Antibiotics, 2010, 63, 271-274.	1.0	14
49	Bacillus galliciensis sp. nov., isolated from faeces of wild seahorses (Hippocampus guttulatus). International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 892-895.	0.8	31
50	Female maturation, egg characteristics and fatty acids profile in the seahorse Hippocampus guttulatus. Animal Reproduction Science, 2010, 122, 66-73.	0.5	31
51	Different colonization and residence time of Listonella anguillarum and Vibrio splendidus in the rotifer Brachionus plicatilis determined by real-time PCR and DGGE. Aquaculture, 2010, 302, 26-35.	1.7	28
52	Monitoring of the bioencapsulation of a probiotic Phaeobacter strain in the rotifer Brachionus plicatilis using denaturing gradient gel electrophoresis. Aquaculture, 2010, 302, 182-194.	1.7	23
53	Pediococcus acidilactici in the culture of turbot (Psetta maxima) larvae: Administration pathways. Aquaculture, 2010, 307, 83-88.	1.7	49
54	Establishment and maintenance of threatened long-snouted seahorse, Hippocampus guttulatus, broodstock in captivity. Aquaculture, 2008, 283, 19-28.	1.7	63

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55	Energy allocation and metabolic scope in early turbot, Scophthalmus maximus, larvae. Marine Biology, 2007, 151, 1397-1405.	0.7	20
56	Probiotic effect in vivo of Roseobacter strain 27-4 against Vibrio (Listonella) anguillarum infections in turbot (Scophthalmus maximus L.) larvae. Aquaculture, 2006, 255, 323-333.	1.7	149
57	A model for experimental infections with Vibrio (Listonella) anguillarum in first feeding turbot (Scophthalmus maximus L.) larvae under hatchery conditions. Aquaculture, 2005, 250, 232-243.	1.7	41
58	Enhancement of rotifer (Brachionus plicatilis) growth by using terrestrial lactic acid bacteria. Aquaculture, 2004, 240, 313-329.	1.7	77
59	Isolation of a highly pathogenic Vibrio pelagius strain associated with mass mortalities of turbot, Scophthalmus maximus (L.), larvae. Journal of Fish Diseases, 2003, 26, 293-303.	0.9	44
60	Use of Multivariate Analysis to Assess the Nutritional Condition of Fish Larvae From Nucleic Acids and Protein Content. Biological Bulletin, 2003, 204, 339-349.	0.7	23
61	Control of Vibrio alginolyticus in Artemia culture by treatment with bacterial probiotics. Aquaculture, 2003, 219, 43-56.	1.7	84
62	Free amino acid and protein contents of start-feeding larvae of turbot (Scophthalmus maximus) at three temperatures. Marine Biology, 1999, 133, 327-336.	0.7	10
63	Temperature dependency of early growth of turbot (Scophthalmus maximus L.) and its implications for developmental progress. Journal of Experimental Marine Biology and Ecology, 1999, 242, 201-210.	0.7	32
64	Simple techniques for labelling prey and gut content analysis in short-term feeding experiments with fish larvae. Aquatic Living Resources, 1999, 12, 145-149.	0.5	7
65	Optimal prey size for early turbot larvae (Scophthalmus maximus L.) based on mouth and ingested prey size. Aquaculture, 1999, 175, 103-110.	1.7	87
66	Larviculture of marine fish: problems and perspectives. Aquaculture, 1999, 177, 171-190.	1.7	158
67	Changes in the biochemical composition ofOstrea edulis larvae fed on different food regimes. Marine Biology, 1990, 106, 395-401.	0.7	29
68	Effect of selected variables on the preparation of gelatin-acacia microcapsules for aquaculture. Aquacultural Engineering, 1990, 9, 329-341.	1.4	4
69	Effects of diet on population development of the rotiferBrachionus plicatilis in culture. Helgolâ^šÂ§nder Meeresuntersuchungen, 1989, 43, 171-181.	0.2	4
70	Biomass production and variation in the biochemical profile (total protein, carbohydrates, RNA, lipids) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.7	225
71	Survival of the probiotic bacteria Lactobacillus rhamnosus in seawater and its bioencapsulation in the brine shrimp Artemia. Frontiers in Marine Science, 0, 1, .	1.2	0