

Marie Vagner

List of Publications by Year in descending order

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18
papers

551
citations

759233

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839539

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docs citations

18
times ranked

738
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization and modulation of gene expression and enzymatic activity of delta-6 desaturase in teleosts: A review. <i>Aquaculture</i> , 2011, 315, 131-143.	3.5	148
2	Ontogenic effects of early feeding of sea bass (<i>Dicentrarchus labrax</i>) larvae with a range of dietary n-3 highly unsaturated fatty acid levels on the functioning of polyunsaturated fatty acid desaturation pathways. <i>British Journal of Nutrition</i> , 2009, 101, 1452.	2.3	77
3	Is it possible to influence European sea bass (<i>Dicentrarchus labrax</i>) juvenile metabolism by a nutritional conditioning during larval stage?. <i>Aquaculture</i> , 2007, 267, 165-174.	3.5	64
4	Impact of hypoxia on the metabolism of Greenland halibut (<i>Reinhardtius hippoglossoides</i>). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2013, 70, 461-469.	1.4	42
5	State of art and best practices for fatty acid analysis in aquatic sciences. <i>ICES Journal of Marine Science</i> , 2020, 77, 2375-2395.	2.5	32
6	The effect of acute hypoxia on swimming stamina at optimal swimming speed in flathead grey mullet <i>Mugil cephalus</i> . <i>Marine Biology</i> , 2008, 155, 183-190.	1.5	30
7	Combined effects of dietary HUFA level and temperature on sea bass (<i>Dicentrarchus labrax</i>) larvae development. <i>Aquaculture</i> , 2007, 266, 179-190.	3.5	28
8	Coding Gene Single Nucleotide Polymorphism Mapping and Quantitative Trait Loci Detection for Physiological Reproductive Traits in Brook Charr, <i>Salvelinus fontinalis</i> . <i>G3: Genes, Genomes, Genetics</i> , 2012, 2, 379-392.	1.8	24
9	Fish facing global change: are early stages the lifeline?. <i>Marine Environmental Research</i> , 2019, 147, 159-178.	2.5	24
10	Coding Gene SNP Mapping Reveals QTL Linked to Growth and Stress Response in Brook Charr (<i>Salvelinus fontinalis</i>). <i>G3: Genes, Genomes, Genetics</i> , 2012, 2, 707-720.	1.8	18
11	Depletion of Essential Fatty Acids in the Food Source Affects Aerobic Capacities of the Golden Grey Mullet <i>Liza aurata</i> in a Warming Seawater Context. <i>PLoS ONE</i> , 2015, 10, e0126489.	2.5	17
12	Reduced n-3 highly unsaturated fatty acids dietary content expected with global change reduces the metabolic capacity of the golden grey mullet. <i>Marine Biology</i> , 2014, 161, 2547-2562.	1.5	13
13	Ocean warming combined with lower omega-3 nutritional availability impairs the cardio-respiratory function of a marine fish. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	10
14	Post-mortem storage conditions and cooking methods affect long-chain omega-3 fatty acid content in Atlantic mackerel (<i>Scomber scombrus</i>). <i>Food Chemistry</i> , 2021, 359, 129828.	8.2	9
15	The relationship between membrane fatty acid content and mitochondrial efficiency differs within- and between- omega-3 dietary treatments. <i>Marine Environmental Research</i> , 2021, 163, 105205.	2.5	6
16	Expression of genes involved in key metabolic processes during winter flounder (<i>Pseudopleuronectes americanus</i>) metamorphosis. <i>Canadian Journal of Zoology</i> , 2013, 91, 156-163.	1.0	5
17	Effects of algae-enriched rotifers on winter flounder (<i>Pseudopleuronectes americanus</i>) gene expression during metamorphosis. <i>Marine Biology</i> , 2014, 161, 985.	1.5	3
18	Maturation of the European sardine <i>Sardina pilchardus</i> under experimental conditions strengthens bioenergetic estimate. <i>Marine Environmental Research</i> , 2020, 160, 104985.	2.5	1