

Michel Auffret

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,398
citations

331259

21
h-index

377514

34
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35
all docs

35
docs citations

35
times ranked

1422
citing authors

#	ARTICLE	IF	CITATIONS
1	Does the environmental history of mussels have an effect on the physiological response to additional stress under experimental conditions?. <i>Science of the Total Environment</i> , 2022, 806, 149925.	3.9	3
2	Field biomonitoring using the zebra mussel <i>Dreissena polymorpha</i> and the quagga mussel <i>Dreissena bugensis</i> following immunotoxic responses. Is there a need to separate the two species?. <i>Environmental Pollution</i> , 2018, 238, 706-716.	3.7	20
3	Differential sensitivity to cadmium of immunomarkers measured in hemocyte subpopulations of zebra mussel <i>Dreissena polymorpha</i> . <i>Ecotoxicology and Environmental Safety</i> , 2017, 137, 78-85.	2.9	19
4	Functional features of hemocyte subpopulations of the invasive mollusk species <i>Dreissena polymorpha</i> . <i>Fish and Shellfish Immunology</i> , 2016, 56, 144-154.	1.6	36
5	Proteomic analysis of the European flounder <i>Platichthys flesus</i> response to experimental PAHs/PCB contamination. <i>Marine Pollution Bulletin</i> , 2015, 95, 646-657.	2.3	11
6	Active and passive biomonitoring suggest metabolic adaptation in blue mussels (<i>Mytilus</i> spp.) chronically exposed to a moderate contamination in Brest harbor (France). <i>Aquatic Toxicology</i> , 2015, 162, 126-137.	1.9	52
7	Comparative analysis of hemocyte properties from <i>Mytilus edulis desolationis</i> and <i>Aulacomya ater</i> in the Kerguelen Islands. <i>Marine Environmental Research</i> , 2015, 110, 174-182.	1.1	20
8	In vitro immunotoxicology of quantum dots and comparison with dissolved cadmium and tellurium. <i>Environmental Toxicology</i> , 2015, 30, 9-25.	2.1	37
9	Cellular and biochemical responses of the oyster <i>Crassostrea gigas</i> to controlled exposures to metals and <i>Alexandrium minutum</i> . <i>Aquatic Toxicology</i> , 2014, 147, 158-167.	1.9	27
10	Mitochondrial activity, hemocyte parameters and lipid composition modulation by dietary conditioning in the Pacific oyster <i>Crassostrea gigas</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2014, 184, 303-317.	0.7	11
11	An integrated environmental approach to investigate biomarker fluctuations in the blue mussel <i>Mytilus edulis</i> L. in the Vilaine estuary, France. <i>Environmental Science and Pollution Research</i> , 2013, 20, 630-650.	2.7	37
12	Comparisons of liver proteomes in the European flounder <i>Platichthys flesus</i> from three contrasted estuaries. <i>Journal of Sea Research</i> , 2013, 75, 135-141.	0.6	19
13	Functional capacities of gill mitochondria in oyster <i>Crassostrea gigas</i> during an emersion/immersion tidal cycle. <i>Aquatic Living Resources</i> , 2013, 26, 249-256.	0.5	11
14	In vivo effects of the soluble fraction of light cycle oil on immune functions in the European sea bass, <i>Dicentrarchus labrax</i> (Linn.). <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 1896-1904.	2.9	23
15	In vivo effects of LCO soluble fraction on immune-related functions and gene transcription in the Pacific oyster, <i>Crassostrea gigas</i> (Thunberg). <i>Aquatic Toxicology</i> , 2010, 97, 196-203.	1.9	13
16	Immune effects of HFO on European sea bass, <i>Dicentrarchus labrax</i> , and Pacific oyster, <i>Crassostrea gigas</i> . <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 1446-1454.	2.9	30
17	Multiple experimental approaches of immunotoxic effects of mercury chloride in the blue mussel, <i>Mytilus edulis</i> , through in vivo, in tubo and in vitro exposures. <i>Environmental Pollution</i> , 2008, 153, 416-423.	3.7	38
18	Flow cytometric measurement of the clearance rate in the blue mussel <i>Mytilus edulis</i> and the development of a new individual exposure system for aquatic immunotoxicological studies. <i>Environmental Pollution</i> , 2008, 153, 492-496.	3.7	12

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19	Comparison of hemocyte parameters in the pericardial cavity and the adductor muscle sinus in the Pacific oyster, <i>Crassostrea gigas</i> using two types of flow cytometers. <i>Aquatic Living Resources</i> , 2008, 21, 39-43.	0.5	20
20	Seasonal variations of immune parameters in diploid and triploid Pacific oysters, <i>Crassostrea gigas</i> (Thunberg). <i>Aquaculture</i> , 2007, 264, 73-81.	1.7	81
21	Effects of the pathogenic <i>Vibrio tapetis</i> on defence factors of susceptible and non-susceptible bivalve species: II. Cellular and biochemical changes following in vivo challenge. <i>Fish and Shellfish Immunology</i> , 2006, 20, 384-397.	1.6	65
22	A multiparametric approach for monitoring immunotoxic responses in mussels from contaminated sites in Western Mediterranean. <i>Ecotoxicology and Environmental Safety</i> , 2006, 63, 393-405.	2.9	85
23	Bivalves as Models for Marine Immunotoxicology. , 2005, , 29-48.		14
24	Monitoring of immunotoxic responses in oysters reared in areas contaminated by the "Erika" oil spill. <i>Aquatic Living Resources</i> , 2004, 17, 297-302.	0.5	32
25	Changes in circulating and tissue-infiltrating hemocyte parameters of European flat oysters, <i>Ostrea edulis</i> , naturally infected with <i>Bonamia ostreae</i> . <i>Journal of Invertebrate Pathology</i> , 2003, 83, 23-30.	1.5	78
26	In situ hybridisation for flow cytometry: a molecular method for monitoring stress-gene expression in hemolymph cells of oysters. <i>Aquatic Toxicology</i> , 2003, 64, 427-435.	1.9	20
27	Molecular identification and expression of heat shock cognate 70 (hsc70) and heat shock protein 70 (hsp70) genes in the Pacific oyster <i>Crassostrea gigas</i> . <i>Cell Stress and Chaperones</i> , 2003, 8, 76.	1.2	114
28	Xenobiotic-induced immunomodulation in the European flat oyster, <i>Ostrea edulis</i> . <i>Marine Environmental Research</i> , 2002, 54, 585-589.	1.1	60
29	Immunochemical quantification of metallothioneins in marine mollusks: Characterization of a metal exposure bioindicator. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 1009-1014.	2.2	56
30	Immunochemical quantification of metallothioneins in marine mollusks: characterization of a metal exposure bioindicator. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 1009-14.	2.2	4
31	Alterations in Hemolymph and Extrapallial Fluid Parameters in the Manila Clam, <i>Ruditapes philippinarum</i> , Challenged with the Pathogen <i>Vibrio tapetis</i> . <i>Journal of Invertebrate Pathology</i> , 2000, 76, 63-69.	1.5	111
32	Hemocyte aggregation in the oyster <i>Crassostrea gigas</i> : In vitro measurement and experimental modulation by xenobiotics. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1997, 118, 705-712.	0.7	106
33	Selective induction of hemocytic response in <i>Ruditapes philippinarum</i> (Bivalvia) by different species of <i>Vibrio</i> (Bacteria). <i>Aquatic Living Resources</i> , 1996, 9, 137-143.	0.5	39
34	HAEMOCYTES OF THE FRESHWATER MUSSEL, <i>DREISSENA POLYMORPHA PALLAS</i> : CYTOLOGY, CYTOCHEMISTRY AND X-RAY MICROANALYSIS. <i>Journal of Molluscan Studies</i> , 1996, 62, 367-379.	0.4	40
35	Response of European flat oyster (<i>Ostrea edulis</i>) hemocytes to acute salinity and temperature changes. <i>Aquaculture</i> , 1987, 67, 179-190.	1.7	54