

Stphane Le Floch

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5169470/stephane-le-floch-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

76
papers

1,311
citations

21
h-index

32
g-index

78
ext. papers

1,458
ext. citations

5.7
avg, IF

4.33
L-index

#	Paper	IF	Citations
76	Coastal ecosystem inventory with characterization and identification of plastic contamination and additives from aquaculture materials. <i>Marine Pollution Bulletin</i> , 2021 , 167, 112286	6.7	8
75	Effects of dispersant treated oil upon exploratory behaviour in juvenile European sea bass (<i>Dicentrarchus labrax</i>). <i>Ecotoxicology and Environmental Safety</i> , 2021 , 208, 111592	7	4
74	Hazardous Noxious Substance Detection Based on Ground Experiment and Hyperspectral Remote Sensing. <i>Remote Sensing</i> , 2021 , 13, 318	5	3
73	Subchronic exposure to high-density polyethylene microplastics alone or in combination with chlortoluron significantly affected valve activity and daily growth of the Pacific oyster, <i>Crassostrea gigas</i> . <i>Aquatic Toxicology</i> , 2021 , 237, 105880	5.1	3
72	Environmental Quality of Coastal Areas in the Mediterranean Sea and Potential Risks to Human Health 2021 , 103-143		
71	Pesticides, nonylphenols and polybrominated diphenyl ethers in marine bivalves from France: A pilot study. <i>Marine Pollution Bulletin</i> , 2021 , 172, 112956	6.7	0
70	An Integrated Biomarker Approach Using Flounder to Improve Chemical Risk Assessments in the Heavily Polluted Seine Estuary. <i>Journal of Xenobiotics</i> , 2020 , 10, 14-35	1	2
69	Combined effects of high hydrostatic pressure and dispersed oil on the metabolism and the mortality of turbot hepatocytes (<i>Scophthalmus maximus</i>). <i>Chemosphere</i> , 2020 , 249, 126420	8.4	1
68	The effects of hypoxia on aerobic metabolism in oil-contaminated sea bass (<i>Dicentrarchus labrax</i>). <i>Chemosphere</i> , 2020 , 253, 126678	8.4	2
67	Deep-sea versus shallow conditions: a comparative ecobarotoxicological study. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 7736-7741	5.1	
66	Food deprivation reduces social interest in the European sea bass. <i>Journal of Experimental Biology</i> , 2019 , 222,	3	3
65	Effects of oil spill response technologies on marine microorganisms in the high Arctic. <i>Marine Environmental Research</i> , 2019 , 151, 104785	3.3	2
64	Cellular, humoral and molecular responses in rainbow trout (<i>Oncorhynchus mykiss</i>) exposed to a herbicide and subsequently infected with infectious hematopoietic necrosis virus. <i>Aquatic Toxicology</i> , 2019 , 215, 105282	5.1	11
63	The effect of hypoxia and hydrocarbons on the anti-predator performance of European sea bass (<i>Dicentrarchus labrax</i>). <i>Environmental Pollution</i> , 2019 , 251, 581-590	9.3	5
62	Underwater hyperspectral classification of deep sea corals exposed to 2-methylnaphthalene. <i>PLoS ONE</i> , 2019 , 14, e0209960	3.7	10
61	Assessing the long-term effect of exposure to dispersant-treated oil on fish health using hypoxia tolerance and temperature susceptibility as ecologically relevant biomarkers. <i>Environmental Toxicology and Chemistry</i> , 2019 , 38, 210-221	3.8	9
60	Metal subcellular partitioning determines excretion pathways and sensitivity to cadmium toxicity in two marine fish species. <i>Chemosphere</i> , 2019 , 217, 754-762	8.4	11

59	Evaluation of the ability of calcite, bentonite and barite to enhance oil dispersion under arctic conditions. <i>Marine Pollution Bulletin</i> , 2018 , 127, 626-636	6.7	4
58	Effects of oil spill response technologies on the physiological performance of the Arctic copepod <i>Calanus glacialis</i> . <i>Aquatic Toxicology</i> , 2018 , 199, 65-76	5.1	13
57	Significance of metallothioneins in differential cadmium accumulation kinetics between two marine fish species. <i>Environmental Pollution</i> , 2018 , 236, 462-476	9.3	37
56	Transchem project - Part I: Impact of long-term exposure to pendimethalin on the health status of rainbow trout (<i>Oncorhynchus mykiss</i> L.) genitors. <i>Aquatic Toxicology</i> , 2018 , 202, 207-215	5.1	5
55	Transchem project - Part II: Transgenerational effects of long-term exposure to pendimethalin at environmental concentrations on the early development and viral pathogen susceptibility of rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquatic Toxicology</i> , 2018 , 202, 126-135	5.1	3
54	What is the relationship between the bioaccumulation of chemical contaminants in the variegated scallop <i>Mimachlamys varia</i> and its health status? A study carried out on the French Atlantic coast using the Path ComDim model. <i>Science of the Total Environment</i> , 2018 , 640-641, 662-670	10.2	10
53	Avoidance threshold to oil water-soluble fraction by a juvenile marine teleost fish. <i>Environmental Toxicology and Chemistry</i> , 2018 , 37, 854-859	3.8	10
52	The potential for dispersant use as a maritime oil spill response measure in German waters. <i>Marine Pollution Bulletin</i> , 2018 , 129, 623-632	6.7	15
51	Extreme Environments: The New Exploration/Production Oil Area Problem 2018 , 83-121		
50	Oil Spill Dispersant Use: Toxicity on Marine Teleost Fish 2018 , 71-82		
49	Microbial community response and migration of petroleum compounds during a sea-ice oil spill experiment in Svalbard. <i>Marine Environmental Research</i> , 2018 , 142, 214-233	3.3	12
48	Dispersed oil decreases the ability of a model fish (<i>Dicentrarchus labrax</i>) to cope with hydrostatic pressure. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 3054-3062	5.1	7
47	Exposure of European sea bass (<i>Dicentrarchus labrax</i>) to chemically dispersed oil has a chronic residual effect on hypoxia tolerance but not aerobic scope. <i>Aquatic Toxicology</i> , 2017 , 191, 95-104	5.1	22
46	Influence of crude oil exposure on cardiac function and thermal tolerance of juvenile rainbow trout and European sea bass. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 19624-19634	5.1	11
45	An innovative experimental device to assess the behavior of a chemical under controlled environmental parameters. <i>International Oil Spill Conference Proceedings</i> , 2017 , 2017, 1287-1303		
44	Dry bulk cargo shipping - An overlooked threat to the marine environment?. <i>Marine Pollution Bulletin</i> , 2016 , 110, 511-519	6.7	16
43	Short-Term and Long-Term Biological Effects of Chronic Chemical Contamination on Natural Populations of a Marine Bivalve. <i>PLoS ONE</i> , 2016 , 11, e0150184	3.7	32
42	Sensitivity of the deep-sea amphipod <i>Eurythenes gryllus</i> to chemically dispersed oil. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 6497-505	5.1	8

41	Assessing chronic fish health: An application to a case of an acute exposure to chemically treated crude oil. <i>Aquatic Toxicology</i> , 2016 , 178, 197-208	5.1	35
40	Effect of dispersed crude oil on cardiac function in seabass <i>Dicentrarchus labrax</i> . <i>Chemosphere</i> , 2015 , 134, 192-8	8.4	14
39	Growth and immune system performance to assess the effect of dispersed oil on juvenile sea bass (<i>Dicentrarchus labrax</i>). <i>Ecotoxicology and Environmental Safety</i> , 2015 , 120, 215-22	7	11
38	Innate immunity and antioxidant systems in different tissues of sea bass (<i>Dicentrarchus labrax</i>) exposed to crude oil dispersed mechanically or chemically with Corexit 9500. <i>Ecotoxicology and Environmental Safety</i> , 2015 , 120, 270-8	7	17
37	Acute toxicity of chemically and mechanically dispersed crude oil to juvenile sea bass (<i>Dicentrarchus labrax</i>): Absence of synergistic effects between oil and dispersants. <i>Environmental Toxicology and Chemistry</i> , 2015 , 34, 1543-51	3.8	21
36	Chemical Dispersion of Crude Oil: Assessment of Physiological, Immune, and Antioxidant Systems in Juvenile Turbot (<i>Scophthalmus maximus</i>). <i>Water, Air, and Soil Pollution</i> , 2014 , 225, 1	2.6	12
35	Impact of dispersed fuel oil on cardiac mitochondrial function in polar cod <i>Boreogadus saida</i> . <i>Environmental Science and Pollution Research</i> , 2014 , 21, 13779-88	5.1	17
34	EROD activity and antioxidant defenses of sea bass (<i>Dicentrarchus labrax</i>) after an in vivo chronic hydrocarbon pollution followed by a post-exposure period. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 13769-78	5.1	15
33	Effects of in vivo chronic exposure to pendimethalin on EROD activity and antioxidant defenses in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Ecotoxicology and Environmental Safety</i> , 2014 , 99, 21-7	7	25
32	DISCOBIOL: Assessment of the Impact of Dispersant Use for Oil Spill Response in Coastal or Estuarine Areas. <i>International Oil Spill Conference Proceedings</i> , 2014 , 2014, 491-503		7
31	Understanding Chemical Pollution at Sea. <i>International Oil Spill Conference Proceedings</i> , 2014 , 2014, 299897		
30	Effects of oil exposure and dispersant use upon environmental adaptation performance and fitness in the European sea bass, <i>Dicentrarchus labrax</i> . <i>Aquatic Toxicology</i> , 2013 , 130-131, 160-70	5.1	70
29	Toxicological effects of crude oil and oil dispersant: biomarkers in the heart of the juvenile golden grey mullet (<i>Liza aurata</i>). <i>Ecotoxicology and Environmental Safety</i> , 2013 , 88, 1-8	7	26
28	Effect of dispersed crude oil exposure upon the aerobic metabolic scope in juvenile golden grey mullet (<i>Liza aurata</i>). <i>Marine Pollution Bulletin</i> , 2012 , 64, 865-71	6.7	29
27	Offshore experiments on styrene spillage in marine waters for risk assessment. <i>Marine Pollution Bulletin</i> , 2012 , 64, 1367-74	6.7	9
26	Effects of in vivo chronic exposure to pendimethalin/Prowl 400 on sanitary status and the immune system in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Science of the Total Environment</i> , 2012 , 424, 143-52	10.2	28
25	Combined effects of salinity and temperature on the solubility of organic compounds. <i>Journal of Chemical Thermodynamics</i> , 2012 , 48, 54-64	2.9	9
24	Responses of conventional and molecular biomarkers in turbot <i>Scophthalmus maximus</i> exposed to heavy fuel oil no. 6 and styrene. <i>Aquatic Toxicology</i> , 2012 , 116-117, 116-28	5.1	9

23	Effect of chronic exposure to pendimethalin on the susceptibility of rainbow trout, <i>Oncorhynchus mykiss</i> L., to viral hemorrhagic septicemia virus (VHSV). <i>Ecotoxicology and Environmental Safety</i> , 2012 , 79, 28-34	7	16
22	Responses of juvenile sea bass, <i>Dicentrarchus labrax</i> , exposed to acute concentrations of crude oil, as assessed by molecular and physiological biomarkers. <i>Chemosphere</i> , 2012 , 87, 692-702	8.4	31
21	Liver antioxidant and plasma immune responses in juvenile golden grey mullet (<i>Liza aurata</i>) exposed to dispersed crude oil. <i>Aquatic Toxicology</i> , 2011 , 101, 155-64	5.1	58
20	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, 1896-904	7	21
19	Bioconcentration and immunotoxicity of an experimental oil spill in European sea bass (<i>Dicentrarchus labrax</i> L.). <i>Ecotoxicology and Environmental Safety</i> , 2011 , 74, 2167-74	7	24
18	Effect of an experimental oil spill on vertebral bone tissue quality in European sea bass (<i>Dicentrarchus labrax</i> L.). <i>Ecotoxicology and Environmental Safety</i> , 2011 , 74, 1888-95	7	14
17	Enhanced immunological and detoxification responses in Pacific oysters, <i>Crassostrea gigas</i> , exposed to chemically dispersed oil. <i>Water Research</i> , 2011 , 45, 4103-18	12.5	33
16	Effects of dispersed oil exposure on the bioaccumulation of polycyclic aromatic hydrocarbons and the mortality of juvenile <i>Liza ramada</i> . <i>Science of the Total Environment</i> , 2011 , 409, 1643-50	10.2	47
15	Branchial structure and hydromineral equilibrium in juvenile turbot (<i>Scophthalmus maximus</i>) exposed to heavy fuel oil. <i>Fish Physiology and Biochemistry</i> , 2011 , 37, 363-71	2.7	12
14	Effects of in vivo chronic hydrocarbons pollution on sanitary status and immune system in sea bass (<i>Dicentrarchus labrax</i> L.). <i>Aquatic Toxicology</i> , 2011 , 105, 300-11	5.1	48
13	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	5.1	12
12	A study of marine pollution caused by the release of metals into seawater following acid spills. <i>Marine Pollution Bulletin</i> , 2010 , 60, 998-1004	6.7	6
11	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, 1446-54	7	29
10	Effects of two oils and 16 pure polycyclic aromatic hydrocarbons on plasmatic immune parameters in the European sea bass, <i>Dicentrarchus labrax</i> (Linn). <i>Toxicology in Vitro</i> , 2009 , 23, 235-41	3.6	27
9	Flow cytometry for the evaluation of chromosomal damage in turbot <i>Psetta maxima</i> (L.) exposed to the dissolved fraction of heavy fuel oil in sea water: a comparison with classical biomarkers. <i>Journal of Fish Biology</i> , 2008 , 73, 395-413	1.9	11
8	Effects of 16 pure hydrocarbons and two oils on haemocyte and haemolymphatic parameters in the Pacific oyster, <i>Crassostrea gigas</i> (Thunberg). <i>Toxicology in Vitro</i> , 2008 , 22, 1610-7	3.6	43
7	Simulations of accidental coal immersion. <i>Marine Pollution Bulletin</i> , 2007 , 54, 1932-9	6.7	13
6	The neutral red lysosomal retention assay and Comet assay on haemolymph cells from mussels (<i>Mytilus edulis</i>) and fish (<i>Symphodus melops</i>) exposed to styrene. <i>Aquatic Toxicology</i> , 2005 , 75, 191-201	5.1	87

5	Evaluation of chromosomal damage by flow cytometry in turbot (<i>Scophthalmus maximus</i> L.) exposed to fuel oil. <i>Biomarkers</i> , 2004 , 9, 435-46	2.6	8
4	Effects of oil and bioremediation on mussel (<i>Mytilus edulis</i> L.) growth in mudflats. <i>Environmental Technology (United Kingdom)</i> , 2003 , 24, 1211-9	2.6	10
3	Effect of Suspended Mineral Load, Water Salinity and Oil Type on the Size of OilMineral Aggregates in the Presence of Chemical Dispersant. <i>Spill Science and Technology Bulletin</i> , 2002 , 8, 95-100		51
2	The Influence of Salinity on OilMineral Aggregate Formation. <i>Spill Science and Technology Bulletin</i> , 2002 , 8, 65-71		63
1	A Field Experimentation on Bioremediation: Bioren. <i>Environmental Technology (United Kingdom)</i> , 1999 , 20, 897-907	2.6	13