

# Paco Bustamante

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9037698/publications.pdf>

Version: 2024-02-01

298  
papers

10,548  
citations

30070

54  
h-index

66911

78  
g-index

303  
all docs

303  
docs citations

303  
times ranked

7316  
citing authors

#	ARTICLE	IF	CITATIONS
1	Risk and benefit assessment of seafood consumption harvested from the Pertuis Charentais region of France. <i>Environmental Pollution</i> , 2022, 292, 118388.	7.5	13
2	New insights into the biomineralization of mercury selenide nanoparticles through stable isotope analysis in giant petrel tissues. <i>Journal of Hazardous Materials</i> , 2022, 425, 127922.	12.4	11
3	Spatial and sex differences in mercury contamination of skuas in the Southern Ocean. <i>Environmental Pollution</i> , 2022, 297, 118841.	7.5	10
4	A U-Turn for Mercury Concentrations over 20 Years: How Do Environmental Conditions Affect Exposure in Arctic Seabirds?. <i>Environmental Science &amp; Technology</i> , 2022, 56, 2443-2454.	10.0	16
5	Foraging trips and isotopic niche of chick-rearing South Georgian diving petrels from the Kerguelen Islands. <i>Marine Ecology - Progress Series</i> , 2022, 689, 169-177.	1.9	3
6	Quantitative meta-analysis reveals no association between mercury contamination and body condition in birds. <i>Biological Reviews</i> , 2022, 97, 1253-1271.	10.4	9
7	First Time Identification of Selenoneine in Seabirds and Its Potential Role in Mercury Detoxification. <i>Environmental Science &amp; Technology</i> , 2022, 56, 3288-3298.	10.0	17
8	Bioaccumulation of Per and Polyfluoroalkyl Substances in Antarctic Breeding South Polar Skuas ( <i>Catharacta maccormicki</i> ) and Their Prey. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	4
9	Variation in Antarctic Petrel Foraging Ecology: Not All Individuals Specialize on Krill. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	0
10	Reply to the comment on "New insights into the biomineralization of mercury selenide nanoparticles through stable isotope analysis in giant petrel tissues" by A. Manceau, J. Hazard. <i>Mater.</i> 425 (2021) 127922. doi: 10.1016/j.jhazmat.2021.127922. <i>Journal of Hazardous Materials</i> , 2022, 431, 128582.	12.4	1
11	Mercury biomagnification in an Antarctic food web of the Antarctic Peninsula. <i>Environmental Pollution</i> , 2022, 304, 119199.	7.5	16
12	Possible interaction between exposure to environmental contaminants and nutritional stress in promoting disease occurrence in seabirds from French Guiana: a review. <i>Regional Environmental Change</i> , 2022, 22, .	2.9	5
13	Temporal trends of mercury in Arctic biota: 10 more years of progress in Arctic monitoring. <i>Science of the Total Environment</i> , 2022, 839, 155803.	8.0	15
14	Relationships between stable isotopes and trace element concentrations in the crocodylian community of French Guiana. <i>Science of the Total Environment</i> , 2022, 837, 155846.	8.0	2
15	Year-round at-sea movements of fairy prions from southeastern Australia. <i>Royal Society Open Science</i> , 2022, 9, .	2.4	2
16	Stage-dependent niche segregation: insights from a multi-dimensional approach of two sympatric sibling seabirds. <i>Oecologia</i> , 2022, 199, 537-548.	2.0	6
17	Mercury contamination and potential health risks to Arctic seabirds and shorebirds. <i>Science of the Total Environment</i> , 2022, 844, 156944.	8.0	23
18	Can stable isotopes assess habitat use in complex coastal wetlands? A case study in an amphibian species. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 274, 107953.	2.1	2

#	ARTICLE	IF	CITATIONS
19	Blood mercury concentrations in four sympatric gull species from South Western France: Insights from stable isotopes and biologging. <i>Environmental Pollution</i> , 2022, 308, 119619.	7.5	4
20	Persistent organic pollutants and mercury in a colony of Antarctic seabirds: higher concentrations in 1998, 2001, and 2003 compared to 2014 to 2016. <i>Polar Biology</i> , 2022, 45, 1229-1245.	1.2	6
21	Variation in blood mercury concentrations in brown skuas ( <i>Stercorarius antarcticus</i> ) is related to trophic ecology but not breeding success or adult body condition. <i>Marine Pollution Bulletin</i> , 2022, 181, 113919.	5.0	1
22	The role of tropical small-scale fisheries in trace element delivery for a Small Island Developing State community, the Seychelles. <i>Marine Pollution Bulletin</i> , 2022, 181, 113870.	5.0	8
23	Foraging ecology drives mercury contamination in chick gulls from the English Channel. <i>Chemosphere</i> , 2021, 267, 128622.	8.2	9
24	Influence of sex, size and trophic level on blood Hg concentrations in Black caiman, <i>Melanosuchus niger</i> (Spix, 1825) in French Guiana. <i>Chemosphere</i> , 2021, 262, 127819.	8.2	12
25	Mercury isotopes of key tissues document mercury metabolic processes in seabirds. <i>Chemosphere</i> , 2021, 263, 127777.	8.2	53
26	Seasonal variation of mercury contamination in Arctic seabirds: A pan-Arctic assessment. <i>Science of the Total Environment</i> , 2021, 750, 142201.	8.0	31
27	I got it from my mother: Inter-nest variation of mercury concentration in neonate Smooth-fronted Caiman ( <i>Paleosuchus trigonatus</i> ) suggests maternal transfer and possible phenotypical effects. <i>Environmental Research</i> , 2021, 194, 110494.	7.5	9
28	Trophic and fitness correlates of mercury and organochlorine compound residues in egg-laying Antarctic petrels. <i>Environmental Research</i> , 2021, 193, 110518.	7.5	14
29	Influence of Species-specific Feeding Ecology on Mercury Concentrations in Seabirds Breeding on the Chatham Islands, New Zealand. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 454-472.	4.3	14
30	Quantifying capital versus income breeding: New promise with stable isotope measurements of individual amino acids. <i>Journal of Animal Ecology</i> , 2021, 90, 1408-1418.	2.8	15
31	In Vivo Formation of HgSe Nanoparticles and Hg-Tetrarselenolate Complex from Methylmercury in Seabirds Implications for the Hg-Se Antagonism. <i>Environmental Science &amp; Technology</i> , 2021, 55, 1515-1526.	10.0	75
32	Diet of spiny lobsters from MahÃ© Island reefs, Seychelles inferred by trophic tracers. <i>Regional Studies in Marine Science</i> , 2021, 42, 101640.	0.7	3
33	Mercury in the tissues of five cephalopods species: First data on the nervous system. <i>Science of the Total Environment</i> , 2021, 759, 143907.	8.0	9
34	Variation of Total Mercury Concentrations in Different Tissues of Three Neotropical Caimans: Implications for Minimally Invasive Biomonitoring. <i>Archives of Environmental Contamination and Toxicology</i> , 2021, 81, 15-24.	4.1	2
35	Mercury biomagnification in a Southern Ocean food web. <i>Environmental Pollution</i> , 2021, 275, 116620.	7.5	39
36	Chemical Forms of Mercury in Blue Marlin Billfish: Implications for Human Exposure. <i>Environmental Science and Technology Letters</i> , 2021, 8, 405-411.	8.7	21

#	ARTICLE	IF	CITATIONS
37	Oxidative stress, metabolic activity and mercury concentrations in Antarctic krill <i>Euphausia superba</i> and myctophid fish of the Southern Ocean. <i>Marine Pollution Bulletin</i> , 2021, 166, 112178.	5.0	3
38	How animals distribute themselves in space: energy landscapes of Antarctic avian predators. <i>Movement Ecology</i> , 2021, 9, 24.	2.8	12
39	Trophic ecology drives trace element concentrations in the Antarctic octopod community. <i>Science of the Total Environment</i> , 2021, 768, 144373.	8.0	4
40	Using near-infrared reflectance spectroscopy (NIRS) to estimate carbon and nitrogen stable isotope composition in animal tissues. <i>Ecology and Evolution</i> , 2021, 11, 10483-10488.	1.9	3
41	Habitat degradation increases interspecific trophic competition between three spiny lobster species in Seychelles. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 256, 107368.	2.1	3
42	Inter-annual variation in winter distribution affects individual seabird contamination with mercury. <i>Marine Ecology - Progress Series</i> , 2021, 676, 243-254.	1.9	8
43	Stable isotopes of a terrestrial amphibian illustrate fertilizer-related nitrogen enrichment of food webs in agricultural habitats. <i>Agriculture, Ecosystems and Environment</i> , 2021, 319, 107553.	5.3	3
44	Mercury Isotope Fractionation by Internal Demethylation and Biomineralization Reactions in Seabirds: Implications for Environmental Mercury Science. <i>Environmental Science &amp; Technology</i> , 2021, 55, 13942-13952.	10.0	19
45	Lead, mercury, and selenium alter physiological functions in wild caimans ( <i>Caiman crocodilus</i> ). <i>Environmental Pollution</i> , 2021, 286, 117549.	7.5	11
46	Impact of extreme environmental conditions: Foraging behaviour and trophic ecology responses of a diving seabird, the common diving petrel. <i>Progress in Oceanography</i> , 2021, 198, 102676.	3.2	19
47	Large-scale survey of lithium concentrations in marine organisms. <i>Science of the Total Environment</i> , 2021, 751, 141453.	8.0	30
48	Demethylation of Methylmercury in Bird, Fish, and Earthworm. <i>Environmental Science &amp; Technology</i> , 2021, 55, 1527-1534.	10.0	61
49	A multifaceted assessment of the effects of polyethylene microplastics on juvenile gilthead seabreams ( <i>Sparus aurata</i> ). <i>Aquatic Toxicology</i> , 2021, 241, 106004.	4.0	10
50	Mercury isotopic characterisation in Antarctic Giant Petrel organs and HgSe nanoparticles. , 2021, , .		0
51	Biological fractionations of lithium isotopes. , 2021, , .		0
52	Lithium isotopes in marine food webs. , 2021, , .		0
53	Mercury concentrations and trophic relations in sharks of the Pacific Ocean of Colombia. <i>Marine Pollution Bulletin</i> , 2021, 173, 113109.	5.0	7
54	Trace element analysis reveals bioaccumulation in the squid <i>Gonatus fabricii</i> from polar regions of the Atlantic Ocean. <i>Environmental Pollution</i> , 2020, 256, 113389.	7.5	21

#	ARTICLE	IF	CITATIONS
55	Mercury levels in Southern Ocean squid: Variability over the last decade. <i>Chemosphere</i> , 2020, 239, 124785.	8.2	30
56	Trace elements and persistent organic pollutants in chicks of 13 seabird species from Antarctica to the subtropics. <i>Environment International</i> , 2020, 134, 105225.	10.0	39
57	Influence of food (ciliate and phytoplankton) on the trophic transfer of inorganic and methyl-mercury in the Pacific cupped oyster <i>Crassostrea gigas</i> . <i>Environmental Pollution</i> , 2020, 257, 113503.	7.5	9
58	Contrasting Spatial and Seasonal Trends of Methylmercury Exposure Pathways of Arctic Seabirds: Combination of Large-Scale Tracking and Stable Isotopic Approaches. <i>Environmental Science &amp; Technology</i> , 2020, 54, 13619-13629.	10.0	21
59	Diet variably affects the trophic transfer of trace elements in the oyster <i>Crassostrea gigas</i> . <i>Marine Environmental Research</i> , 2020, 161, 105124.	2.5	1
60	Antarctic octopod beaks as proxy for mercury concentrations in soft tissues. <i>Marine Pollution Bulletin</i> , 2020, 158, 111447.	5.0	3
61	Assessment of the quality of European silver eels and tentative approach to trace the origin of contaminants – A European overview. <i>Science of the Total Environment</i> , 2020, 743, 140675.	8.0	7
62	Patterns of mercury exposure and relationships with isotopes and markers of oxidative status in chicks of a Mediterranean seabird. <i>Environmental Pollution</i> , 2020, 260, 114095.	7.5	5
63	Behavioral and trophic segregations help the Tahiti petrel to cope with the abundance of wedge-tailed shearwater when foraging in oligotrophic tropical waters. <i>Scientific Reports</i> , 2020, 10, 15129.	3.3	10
64	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
65	Metal(loid)s in superficial sediments from coral reefs of French Polynesia. <i>Marine Pollution Bulletin</i> , 2020, 155, 111175.	5.0	6
66	Primary production and depth drive different trophic structure and functioning of fish assemblages in French marine ecosystems. <i>Progress in Oceanography</i> , 2020, 186, 102343.	3.2	37
67	Cephalopod beak sections used to trace mercury levels throughout the life of cephalopods: The giant warty squid <i>Moroteuthopsis longimana</i> as a case study. <i>Marine Environmental Research</i> , 2020, 161, 105049.	2.5	6
68	A “seabird-eye” on mercury stable isotopes and cycling in the Southern Ocean. <i>Science of the Total Environment</i> , 2020, 742, 140499.	8.0	24
69	Contaminants, prolactin and parental care in an Arctic seabird: Contrasted associations of perfluoroalkyl substances and organochlorine compounds with egg-turning behavior. <i>General and Comparative Endocrinology</i> , 2020, 291, 113420.	1.8	14
70	Flying to the moon: Lunar cycle influences trip duration and nocturnal foraging behavior of the wedge-tailed shearwater <i>Ardenna pacifica</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2020, 525, 151322.	1.5	11
71	Developing a passive acoustic monitoring technique for Australia’s most numerous seabird, the Short-tailed Shearwater ( <i>Ardenna tenuirostris</i> ). <i>Emu</i> , 2020, 120, 123-134.	0.6	9
72	Influence of sexual dimorphism on stable isotopes and trace element concentrations in the greater hooked squid <i>Moroteuthopsis ingens</i> from New Zealand waters. <i>Marine Environmental Research</i> , 2020, 159, 104976.	2.5	9

#	ARTICLE	IF	CITATIONS
73	Mercury exposure in relation to foraging ecology and its impact on the oxidative status of an endangered seabird. <i>Science of the Total Environment</i> , 2020, 724, 138131.	8.0	8
74	Trophic transfer of trace elements in a euryhaline fish, the turbot <i>Scophthalmus maximus</i> : Contrasting effects of salinity on two essential elements. <i>Marine Pollution Bulletin</i> , 2020, 154, 111065.	5.0	3
75	Main drivers of mercury levels in Southern Ocean lantern fish <i>Myctophidae</i> . <i>Environmental Pollution</i> , 2020, 264, 114711.	7.5	12
76	Temporal and spatial differences in the post-breeding behaviour of a ubiquitous Southern Hemisphere seabird, the common diving petrel. <i>Royal Society Open Science</i> , 2020, 7, 200670.	2.4	10
77	Sea-ice edge is more important than closer open water access for foraging AdÃ©lie penguins: evidence from two colonies. <i>Marine Ecology - Progress Series</i> , 2020, 640, 215-230.	1.9	10
78	Novel Application of Lithium and its Isotopes in Marine Ecotoxicology. , 2020, , .		0
79	Mercury exposure in an endangered seabird: long-term changes and relationships with trophic ecology and breeding success. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20202683.	2.6	15
80	Using blood and feathers to investigate large-scale Hg contamination in Arctic seabirds: A review. <i>Environmental Research</i> , 2019, 177, 108588.	7.5	61
81	Environmental causes and reproductive correlates of mercury contamination in European pond turtles ( <i>Emys orbicularis</i> ). <i>Environmental Research</i> , 2019, 172, 338-344.	7.5	14
82	Frontispiece: Mercury(II) Binding to Metallothionein in <i>Mytilus edulis</i> revealed by High Energy-Resolution XANES Spectroscopy. <i>Chemistry - A European Journal</i> , 2019, 25, .	3.3	0
83	Foraging habits and levels of mercury in a resident population of bottlenose dolphins ( <i>Tursiops</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 343-356.	5.0	4
84	Does trophic level drive organic and metallic contamination in coral reef organisms?. <i>Science of the Total Environment</i> , 2019, 667, 208-221.	8.0	19
85	Impacts of land use on an insectivorous tropical bat: The importance of mercury, physio-immunology and trophic position. <i>Science of the Total Environment</i> , 2019, 671, 1077-1085.	8.0	19
86	Do population parameters influence the role of seabird colonies as secondary pollutants source? A case study for Antarctic ecosystems. <i>Marine Pollution Bulletin</i> , 2019, 149, 110534.	5.0	4
87	Mercury(II) Binding to Metallothionein in <i>Mytilus edulis</i> revealed by High Energy-Resolution XANES Spectroscopy. <i>Chemistry - A European Journal</i> , 2019, 25, 997-1009.	3.3	23
88	Effect of body length, trophic position and habitat use on mercury concentrations of sharks from contrasted ecosystems in the southwestern Indian Ocean. <i>Environmental Research</i> , 2019, 169, 387-395.	7.5	27
89	Spatial variability in total and organic mercury levels in Antarctic krill <i>Euphausia superba</i> across the Scotia Sea. <i>Environmental Pollution</i> , 2019, 247, 332-339.	7.5	20
90	Seabird colonies as relevant sources of pollutants in Antarctic ecosystems: Part 2 - Persistent Organic Pollutants. <i>Chemosphere</i> , 2019, 214, 866-876.	8.2	14

#	ARTICLE	IF	CITATIONS
91	Amino acid $\delta^{13}C$ and $\delta^{15}N$ from sclerotized beaks: a new tool to investigate the foraging ecology of cephalopods, including giant and colossal squids. <i>Marine Ecology - Progress Series</i> , 2019, 624, 89-102.	1.9	18
92	The role of marine biotoxins on the trophic transfer of Mn and Zn in fish. <i>Aquatic Toxicology</i> , 2018, 198, 198-205.	4.0	3
93	Seabird Tissues As Efficient Biomonitoring Tools for Hg Isotopic Investigations: Implications of Using Blood and Feathers from Chicks and Adults. <i>Environmental Science &amp; Technology</i> , 2018, 52, 4227-4234.	10.0	42
94	Stable isotopes document the winter foraging ecology of king penguins and highlight connectivity between subantarctic and Antarctic ecosystems. <i>Ecology and Evolution</i> , 2018, 8, 2752-2765.	1.9	9
95	Seabird colonies as relevant sources of pollutants in Antarctic ecosystems: Part 1 - Trace elements. <i>Chemosphere</i> , 2018, 204, 535-547.	8.2	19
96	Determinants of mercury contamination in viperine snakes, <i>Natrix maura</i> , in Western Europe. <i>Science of the Total Environment</i> , 2018, 635, 20-25.	8.0	18
97	A global perspective on the trophic geography of sharks. <i>Nature Ecology and Evolution</i> , 2018, 2, 299-305.	7.8	95
98	Modulators of mercury risk to wildlife and humans in the context of rapid global change. <i>Ambio</i> , 2018, 47, 170-197.	5.5	244
99	Investigations of temperature and pH variations on metal trophic transfer in turbot ( <i>Scophthalmus</i> ) Tj ETQq1 1 0.784314 rgBT /Overl 5.3 9	5.3	9
100	Trace elements in invertebrates and fish from Kerguelen waters, southern Indian Ocean. <i>Polar Biology</i> , 2018, 41, 175-191.	1.2	42
101	Variability of energy density among mesozooplankton community: New insights in functional diversity to forage fish. <i>Progress in Oceanography</i> , 2018, 166, 121-128.	3.2	12
102	Tracking trace elements into complex coral reef trophic networks. <i>Science of the Total Environment</i> , 2018, 612, 1091-1104.	8.0	28
103	Trace elements in a Mediterranean scorpaenid fish: Bioaccumulation processes and spatial variations. <i>Progress in Oceanography</i> , 2018, 163, 184-195.	3.2	17
104	Oligotrophy as a major driver of mercury bioaccumulation in medium-to high-trophic level consumers: A marine ecosystem-comparative study. <i>Environmental Pollution</i> , 2018, 233, 844-854.	7.5	62
105	Large-scale geographic patterns of mercury contamination in Morocco revealed by freshwater turtles. <i>Environmental Science and Pollution Research</i> , 2018, 25, 2350-2360.	5.3	23
106	Mercury exposure and short-term consequences on physiology and reproduction in Antarctic petrels. <i>Environmental Pollution</i> , 2018, 237, 824-831.	7.5	30
107	The role of salinity in the trophic transfer of $^{137}Cs$ in euryhaline fish. <i>Journal of Environmental Radioactivity</i> , 2018, 189, 255-260.	1.7	14
108	The potential role of spherocrystals in the detoxification of essential trace metals following exposure to Cu and Zn in the fighting conch <i>Strombus (Lobatus) pugilis</i> . <i>BioMetals</i> , 2018, 31, 627-637.	4.1	2

#	ARTICLE	IF	CITATIONS
109	Accumulate or eliminate? Seasonal mercury dynamics in albatrosses, the most contaminated family of birds. <i>Environmental Pollution</i> , 2018, 241, 124-135.	7.5	59
110	High cadmium and mercury concentrations in the tissues of the orange-back flying squid, <i>Sthenoteuthis pteropus</i> , from the tropical Eastern Atlantic. <i>Ecotoxicology and Environmental Safety</i> , 2018, 163, 323-330.	6.0	24
111	A study of the influence of brevetoxin exposure on trace element bioaccumulation in the blue mussel <i>Mytilus edulis</i> . <i>Journal of Environmental Radioactivity</i> , 2018, 192, 250-256.	1.7	2
112	Trace metal concentrations in the muscle of seven marine species: Comparison between the Gulf of Lions (North-West Mediterranean Sea) and the Bay of Biscay (North-East Atlantic Ocean). <i>Marine Pollution Bulletin</i> , 2018, 135, 9-16.	5.0	28
113	The spring mesozooplankton variability and its relationship with hydrobiological structure over year-to-year changes (2003-2013) in the southern Bay of Biscay (Northeast Atlantic). <i>Progress in Oceanography</i> , 2018, 166, 76-87.	3.2	15
114	Organochlorines, perfluoroalkyl substances, mercury, and egg incubation temperature in an Arctic seabird: Insights from data loggers. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 2881-2894.	4.3	11
115	Trace Element Concentrations in European Pond Turtles ( <i>Emys orbicularis</i> ) from Brenne Natural Park, France. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2018, 101, 300-304.	2.7	8
116	Identification of sources and bioaccumulation pathways of MeHg in subantarctic penguins: a stable isotopic investigation. <i>Scientific Reports</i> , 2018, 8, 8865.	3.3	34
117	Overview of trace element trophic transfer in fish through the concept of assimilation efficiency. <i>Marine Ecology - Progress Series</i> , 2018, 588, 243-254.	1.9	23
118	Trace elements in oceanic pelagic communities in the western Indian Ocean. <i>Chemosphere</i> , 2017, 174, 354-362.	8.2	50
119	Metal bioaccumulation and detoxification processes in cephalopods: A review. <i>Environmental Research</i> , 2017, 155, 123-133.	7.5	66
120	Influence of Delipidation on Hg Analyses in Biological Tissues: A Case Study for an Antarctic Ecosystem. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	2.4	2
121	Trophic ecology drives contaminant concentrations within a tropical seabird community. <i>Environmental Pollution</i> , 2017, 227, 183-193.	7.5	23
122	Integrative biomarker assessment of the effects of chemically and mechanically dispersed crude oil in Pacific oysters, <i>Crassostrea gigas</i> . <i>Science of the Total Environment</i> , 2017, 598, 713-721.	8.0	20
123	Assessment of mercury speciation in feathers using species-specific isotope dilution analysis. <i>Talanta</i> , 2017, 174, 100-110.	5.5	53
124	Contaminants and energy expenditure in an Arctic seabird: Organochlorine pesticides and perfluoroalkyl substances are associated with metabolic rate in a contrasted manner. <i>Environmental Research</i> , 2017, 157, 118-126.	7.5	45
125	From Antarctica to the subtropics: Contrasted geographical concentrations of selenium, mercury, and persistent organic pollutants in skua chicks ( <i>Catharacta</i> spp.). <i>Environmental Pollution</i> , 2017, 228, 464-473.	7.5	48
126	Dietary Zn and the subsequent organotropism in fish: No influence of food quality, frequency of feeding and environmental conditions (pH and temperature). <i>Chemosphere</i> , 2017, 183, 503-509.	8.2	7



#	ARTICLE	IF	CITATIONS
127	Industrial Melanism in the Seasnake <i>Emydocephalus annulatus</i> . <i>Current Biology</i> , 2017, 27, 2510-2513.e2.	3.9	40
128	Perfluorinated substances and telomeres in an Arctic seabird: Cross-sectional and longitudinal approaches. <i>Environmental Pollution</i> , 2017, 230, 360-367.	7.5	56
129	Contamination of ivory gulls ( <i>Pagophila eburnea</i> ) at four colonies in Svalbard in relation to their trophic behaviour. <i>Polar Biology</i> , 2017, 40, 917-929.	1.2	13
130	Comparative study of trophic transfer of the essential metals Co and Zn in two tropical fish: A radiotracer approach. <i>Journal of Experimental Marine Biology and Ecology</i> , 2017, 486, 42-51.	1.5	16
131	Mercury in the ecosystem of Admiralty Bay, King George Island, Antarctica: Occurrence and trophic distribution. <i>Marine Pollution Bulletin</i> , 2017, 114, 564-570.	5.0	37
132	Comparing single-feeding and multi-feeding approaches for experimentally assessing trophic transfer of metals in fish. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1227-1234.	4.3	6
133	Inter-species differences in polychlorinated biphenyls patterns from five sympatric species of odontocetes: Can PCBs be used as tracers of feeding ecology?. <i>Ecological Indicators</i> , 2017, 74, 98-108.	6.3	8
134	Progressive ontogenetic niche shift over the prolonged immaturity period of wandering albatrosses. <i>Royal Society Open Science</i> , 2017, 4, 171039.	2.4	5
135	Trophic ecology of commercial-size meagre, <i>Argyrosomus regius</i> , in the Bay of Biscay (NE) Tj ETQq1 1 0.784314 rgBT /Overlo	1.2	9
136	Intra- and inter-individual variation in the foraging ecology of a generalist subantarctic seabird, the gentoo penguin. <i>Marine Ecology - Progress Series</i> , 2017, 578, 227-242.	1.9	23
137	Mate similarity in foraging Kerguelen shags: a combined bio-logging and stable isotope investigation. <i>Marine Ecology - Progress Series</i> , 2017, 578, 183-196.	1.9	7
138	Low diversity of helminth parasites in <i>Sardina pilchardus</i> and <i>Engraulis encrasicolus</i> (Clupeidae) from the Bay of Biscay. <i>Marine and Freshwater Research</i> , 2016, 67, 1583.	1.3	7
139	Corticosterone levels in relation to trace element contamination along an urbanization gradient in the common blackbird ( <i>Turdus merula</i> ). <i>Science of the Total Environment</i> , 2016, 566-567, 93-101.	8.0	57
140	High levels of mercury and low levels of persistent organic pollutants in a tropical seabird in French Guiana, the Magnificent frigatebird, <i>Fregata magnificens</i> . <i>Environmental Pollution</i> , 2016, 214, 384-393.	7.5	31
141	Toxicity assessment of water-accommodated fractions from two different oils using a zebrafish ( <i>Danio rerio</i> ) embryo-larval bioassay with a multilevel approach. <i>Science of the Total Environment</i> , 2016, 568, 952-966.	8.0	56
142	Trace Element Concentrations in Relation to the Trophic Behaviour of Endangered Ivory Gulls ( <i>Pagophila eburnea</i> ) During Their Stay at a Breeding Site in Svalbard. <i>Archives of Environmental Contamination and Toxicology</i> , 2016, 71, 518-529.	4.1	14
143	A mass stranding of seven Longman's beaked whales ( <i>Indopacetus pacificus</i> ) in New Caledonia, South Pacific. <i>Marine Mammal Science</i> , 2016, 32, 884-910.	1.8	18
144	Exposure to oxychlordane is associated with shorter telomeres in arctic breeding kittiwakes. <i>Science of the Total Environment</i> , 2016, 563-564, 125-130.	8.0	47

#	ARTICLE	IF	CITATIONS
145	Mercury exposure, stress and prolactin secretion in an Arctic seabird: an experimental study. <i>Functional Ecology</i> , 2016, 30, 596-604.	3.6	49
146	Penguins as bioindicators of mercury contamination in the southern Indian Ocean: geographical and temporal trends. <i>Environmental Pollution</i> , 2016, 213, 195-205.	7.5	46
147	Wide range of metallic and organic contaminants in various tissues of the Antarctic prion, a planktonophagous seabird from the Southern Ocean. <i>Science of the Total Environment</i> , 2016, 544, 754-764.	8.0	39
148	Does temporal variation of mercury levels in Arctic seabirds reflect changes in global environmental contamination, or a modification of Arctic marine food web functioning?. <i>Environmental Pollution</i> , 2016, 211, 382-388.	7.5	45
149	Importance of Integration and Implementation of Emerging and Future Mercury Research into the Minamata Convention. <i>Environmental Science &amp; Technology</i> , 2016, 50, 2767-2770.	10.0	68
150	Differential bioaccumulation of <sup>134</sup> Cs in tropical marine organisms and the relative importance of exposure pathways. <i>Journal of Environmental Radioactivity</i> , 2016, 152, 127-135.	1.7	32
151	High feather mercury concentrations in the wandering albatross are related to sex, breeding status and trophic ecology with no demographic consequences. <i>Environmental Research</i> , 2016, 144, 1-10.	7.5	66
152	Influence of food on the assimilation of essential elements (Co, Mn, and Zn) by turbot <i>Scophthalmus maximus</i> . <i>Marine Ecology - Progress Series</i> , 2016, 550, 207-218.	1.9	19
153	Impact of Galvanic Anode Dissolution on Metal Trace Element Concentrations in Marine Waters. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	13
154	Mercury in wintering seabirds, an aggravating factor to winter wrecks?. <i>Science of the Total Environment</i> , 2015, 527-528, 448-454.	8.0	43
155	Trace elements in Antarctic fish species and the influence of foraging habitats and dietary habits on mercury levels. <i>Science of the Total Environment</i> , 2015, 538, 743-749.	8.0	39
156	In situ evaluation of oxidative stress and immunological parameters as ecotoxicological biomarkers in a novel sentinel species ( <i>Mimachlamys varia</i> ). <i>Aquatic Toxicology</i> , 2015, 161, 170-175.	4.0	26
157	Survival rate and breeding outputs in a high Arctic seabird exposed to legacy persistent organic pollutants and mercury. <i>Environmental Pollution</i> , 2015, 200, 1-9.	7.5	75
158	Ecological tracers and at-sea observations document the foraging ecology of southern long-finned pilot whales ( <i>Globicephala melas edwardii</i> ) in Kerguelen waters. <i>Marine Biology</i> , 2015, 162, 207-219.	1.5	16
159	Persistent organic pollutants in a marine bivalve on the Marennes-oléron Bay and the Gironde Estuary (French Atlantic Coast)â€”Part 2: Potential biological effects. <i>Science of the Total Environment</i> , 2015, 514, 511-522.	8.0	36
160	Delineation of <sup>134</sup> Cs uptake pathways (seawater and food) in the variegated scallop <i>Mimachlamys varia</i> . <i>Journal of Environmental Radioactivity</i> , 2015, 148, 74-79.	1.7	13
161	Parental trophic exposure to three aromatic fractions of polycyclic aromatic hydrocarbons in the zebrafish: Consequences for the offspring. <i>Science of the Total Environment</i> , 2015, 524-525, 52-62.	8.0	19
162	Increased adrenal responsiveness and delayed hatching date in relation to polychlorinated biphenyl exposure in Arctic-breeding black-legged kittiwakes ( <i>Rissa tridactyla</i> ). <i>General and Comparative Endocrinology</i> , 2015, 219, 165-172.	1.8	24

#	ARTICLE	IF	CITATIONS
163	Persistent organic pollutants in a marine bivalve on the Marennes-Oléron Bay and the Gironde Estuary (French Atlantic Coast) Part 1: Bioaccumulation. <i>Science of the Total Environment</i> , 2015, 514, 500-510.	8.0	26
164	Trace metal concentrations in post-hatching cuttlefish <i>Sepia officinalis</i> and consequences of dissolved zinc exposure. <i>Aquatic Toxicology</i> , 2015, 159, 23-35.	4.0	10
165	Plasticity of trophic interactions among sharks from the oceanic south-western Indian Ocean revealed by stable isotope and mercury analyses. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 96, 49-58.	1.4	56
166	Small pelagic fish feeding patterns in relation to food resource variability: an isotopic investigation for <i>Sardina pilchardus</i> and <i>Engraulis encrasicolus</i> from the Bay of Biscay (north-east Atlantic). <i>Marine Biology</i> , 2015, 162, 15-37.	1.5	31
167	Seasonal Survey of Contaminants (Cd and Hg) and Micronutrients (Cu and Zn) in Edible Tissues of Cephalopods from Tunisia: Assessment of Risk and Nutritional Benefits. <i>Journal of Food Science</i> , 2015, 80, T199-206.	3.1	20
168	Corticosterone, prolactin and egg neglect behavior in relation to mercury and legacy POPs in a long-lived Antarctic bird. <i>Science of the Total Environment</i> , 2015, 505, 180-188.	8.0	91
169	Age-Related Mercury Contamination and Relationship with Luteinizing Hormone in a Long-Lived Antarctic Bird. <i>PLoS ONE</i> , 2014, 9, e103642.	2.5	33
170	Trophic ecology of common elasmobranchs exploited by artisanal shark fisheries off south-western Madagascar. <i>Aquatic Biology</i> , 2014, 23, 29-38.	1.4	16
171	Influence of sediment composition on PAH toxicity using zebrafish ( <i>Danio rerio</i> ) and Japanese medaka ( <i>Oryzias latipes</i> ) embryo-larval assays. <i>Environmental Science and Pollution Research</i> , 2014, 21, 13703-13719.	5.3	31
172	Wandering Albatrosses Document Latitudinal Variations in the Transfer of Persistent Organic Pollutants and Mercury to Southern Ocean Predators. <i>Environmental Science &amp; Technology</i> , 2014, 48, 14746-14755.	10.0	73
173	Trophic resource partitioning within a shorebird community feeding on intertidal mudflat habitats. <i>Journal of Sea Research</i> , 2014, 92, 115-124.	1.6	43
174	An assessment of contaminant concentrations in toothed whale species of the NW Iberian Peninsula: Part II. Trace element concentrations. <i>Science of the Total Environment</i> , 2014, 484, 206-217.	8.0	37
175	An assessment of contaminant concentrations in toothed whale species of the NW Iberian Peninsula: Part I. Persistent organic pollutants. <i>Science of the Total Environment</i> , 2014, 484, 196-205.	8.0	14
176	Trace element accumulation in relation to trophic niches of shorebirds using intertidal mudflats. <i>Journal of Sea Research</i> , 2014, 92, 134-143.	1.6	19
177	Spatial variability of metallic and organic contamination of anguilliform fish in New Caledonia. <i>Environmental Science and Pollution Research</i> , 2014, 21, 4576-4591.	5.3	16
178	Trace elements in tissues of white-chinned petrels ( <i>Procellaria aequinoctialis</i> ) from Kerguelen waters, Southern Indian Ocean. <i>Polar Biology</i> , 2014, 37, 763-771.	1.2	17
179	Species- and size-related patterns in stable isotopes and mercury concentrations in fish help refine marine ecosystem indicators and provide evidence for distinct management units for hake in the Northeast Atlantic. <i>ICES Journal of Marine Science</i> , 2014, 71, 1073-1087.	2.5	36
180	Moulting patterns drive within-individual variations of stable isotopes and mercury in seabird body feathers: implications for monitoring of the marine environment. <i>Marine Biology</i> , 2014, 161, 963-968.	1.5	60

#	ARTICLE	IF	CITATIONS
181	Interspecific and geographical variations of trace metal concentrations in cephalopods from Tunisian waters. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 3767-3783.	2.7	27
182	Mother's embryo isotope ( $\delta^{15}\text{N}$ , $\delta^{13}\text{C}$ ) fractionation and mercury (Hg) transfer in aplacental deep-sea sharks. <i>Journal of Fish Biology</i> , 2014, 84, 1574-1581.	1.6	33
183	Mercury exposure in a large subantarctic avian community. <i>Environmental Pollution</i> , 2014, 190, 51-57.	7.5	72
184	Demographic responses to mercury exposure in two closely related Antarctic top predators. <i>Ecology</i> , 2014, 95, 1075-1086.	3.2	110
185	An assessment of the trophic structure of the Bay of Biscay continental shelf food web: Comparing estimates derived from an ecosystem model and isotopic data. <i>Progress in Oceanography</i> , 2014, 120, 205-215.	3.2	37
186	Spatial Ecotoxicology: Migratory Arctic Seabirds Are Exposed to Mercury Contamination While Overwintering in the Northwest Atlantic. <i>Environmental Science &amp; Technology</i> , 2014, 48, 11560-11567.	10.0	82
187	Oxidative stress in relation to reproduction, contaminants, gender and age in a long-lived seabird. <i>Oecologia</i> , 2014, 175, 1107-1116.	2.0	55
188	Trophic ecology of European sardine <i>Sardina pilchardus</i> and European anchovy <i>Engraulis encrasicolus</i> in the Bay of Biscay (north-east Atlantic) inferred from $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ values of fish and identified mesozooplanktonic organisms. <i>Journal of Sea Research</i> , 2014, 85, 277-291.	1.6	45
189	Demographic consequences of heavy metals and persistent organic pollutants in a vulnerable long-lived bird, the wandering albatross. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20133313.	2.6	88
190	Anguilliform fish reveal large scale contamination by mine trace elements in the coral reefs of New Caledonia. <i>Science of the Total Environment</i> , 2014, 470-471, 876-882.	8.0	23
191	Ecological niche segregation among five toothed whale species off the NW Iberian Peninsula using ecological tracers as multi-approach. <i>Marine Biology</i> , 2013, 160, 2825-2840.	1.5	39
192	Ocean acidification and temperature rise: effects on calcification during early development of the cuttlefish <i>Sepia officinalis</i> . <i>Marine Biology</i> , 2013, 160, 2007-2022.	1.5	45
193	Use of skin and blubber tissues of small cetaceans to assess the trace element content of internal organs. <i>Marine Pollution Bulletin</i> , 2013, 76, 158-169.	5.0	59
194	Trace element bioaccumulation in reef fish from New Caledonia: Influence of trophic groups and risk assessment for consumers. <i>Marine Environmental Research</i> , 2013, 87-88, 26-36.	2.5	56
195	PCBs contamination does not alter aerobic metabolism and tolerance to hypoxia of juvenile sole ( <i>Solea solea</i> L. 1758). <i>Aquatic Toxicology</i> , 2013, 127, 54-60.	4.0	10
196	Penguins as bioindicators of mercury contamination in the Southern Ocean: Birds from the Kerguelen Islands as a case study. <i>Science of the Total Environment</i> , 2013, 454-455, 141-148.	8.0	78
197	To breed or not to breed: endocrine response to mercury contamination by an Arctic seabird. <i>Biology Letters</i> , 2013, 9, 20130317.	2.3	146
198	Wide Range of Mercury Contamination in Chicks of Southern Ocean Seabirds. <i>PLoS ONE</i> , 2013, 8, e54508.	2.5	94

#	ARTICLE	IF	CITATIONS
199	Persistent organic pollutants and stable isotopes in pinnipeds from King George Island, Antarctica. <i>Marine Pollution Bulletin</i> , 2012, 64, 2650-2655.	5.0	33
200	Evidence of species-specific detoxification processes for trace elements in shorebirds. <i>Ecotoxicology</i> , 2012, 21, 2349-2362.	2.4	26
201	Enhanced bioaccumulation of mercury in deep-sea fauna from the Bay of Biscay (north-east Atlantic) in relation to trophic positions identified by analysis of carbon and nitrogen stable isotopes. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2012, 65, 113-124.	1.4	91
202	Bioaccumulation and metabolisation of <sup>14</sup> C-pyrene by the Pacific oyster <i>Crassostrea gigas</i> exposed via seawater. <i>Chemosphere</i> , 2012, 87, 938-944.	8.2	25
203	Detection of early effects of a single herbicide (diuron) and a mix of herbicides and pharmaceuticals (diuron, isoproturon, ibuprofen) on immunological parameters of Pacific oyster ( <i>Crassostrea gigas</i> ) spat. <i>Chemosphere</i> , 2012, 87, 1335-1340.	8.2	45
204	Insight on trace element detoxification in the Black-tailed Godwit ( <i>Limosa limosa</i> ) through genetic, enzymatic and metallothionein analyses. <i>Science of the Total Environment</i> , 2012, 423, 73-83.	8.0	26
205	Revisiting the use of <sup>15</sup> N in meso-scale studies of marine food webs by considering spatio-temporal variations in stable isotopic signatures – The case of an open ecosystem: The Bay of Biscay (North-East) <i>TJ ETQq1320.784314 rgBT</i>	1.4	10
206	Temperature and pCO <sub>2</sub> effect on the bioaccumulation of radionuclides and trace elements in the eggs of the common cuttlefish, <i>Sepia officinalis</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2012, 413, 45-49.	1.5	32
207	Foraging ecology of five toothed whale species in the Northwest Iberian Peninsula, inferred using carbon and nitrogen isotope ratios. <i>Journal of Experimental Marine Biology and Ecology</i> , 2012, 413, 150-158.	1.5	63
208	Differential tissue distribution and specificity of phenoloxidases from the Pacific oyster <i>Crassostrea gigas</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2011, 159, 220-226.	1.6	29
209	Multi-elemental concentrations in the tissues of the oceanic squid <i>Todarodes filippovae</i> from Tasmania and the southern Indian Ocean. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 1238-1249.	6.0	55
210	Validation of two tropical marine bivalves as bioindicators of mining contamination in the New Caledonia lagoon: Field transplantation experiments. <i>Water Research</i> , 2011, 45, 483-496.	11.3	37
211	Enhanced immunological and detoxification responses in Pacific oysters, <i>Crassostrea gigas</i> , exposed to chemically dispersed oil. <i>Water Research</i> , 2011, 45, 4103-4118.	11.3	39
212	Radioisotopes Demonstrate the Contrasting Bioaccumulation Capacities of Heavy Metals in Embryonic Stages of Cephalopod Species. <i>PLoS ONE</i> , 2011, 6, e27653.	2.5	12
213	Lower trophic levels and detrital biomass control the Bay of Biscay continental shelf food web: Implications for ecosystem management. <i>Progress in Oceanography</i> , 2011, 91, 561-575.	3.2	86
214	Organic pollutants and their correlation with stable isotopes in vegetation from King George Island, Antarctica. <i>Chemosphere</i> , 2011, 85, 393-398.	8.2	47
215	Certification for trace elements and methyl mercury mass fractions in IAEA-452 scallop ( <i>Pecten</i> ) <i>TJ ETQq1 1 0.784314 rgBT / Qverlock 10</i>	0.8	4
216	Characterization of <sup>241</sup> Am and <sup>134</sup> Cs bioaccumulation in the king scallop <i>Pecten maximus</i> : investigation via three exposure pathways. <i>Journal of Environmental Radioactivity</i> , 2011, 102, 543-550.	1.7	37

#	ARTICLE	IF	CITATIONS
217	Inter-specific and ontogenic differences in $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ values and Hg and Cd concentrations in cephalopods. <i>Marine Ecology - Progress Series</i> , 2011, 433, 107-120.	1.9	67
218	Seasonal variation of pollution biomarkers to assess the impact on the health status of juvenile Pacific oysters <i>Crassostrea gigas</i> exposed in situ. <i>Environmental Science and Pollution Research</i> , 2010, 17, 999-1008.	5.3	45
219	Contrasting accumulation biokinetics and distribution of $^{241}\text{Am}$ , Co, Cs, Mn and Zn during the whole development time of the eggs of the common cuttlefish, <i>Sepia officinalis</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2010, 382, 131-138.	1.5	25
220	Influence of food on the assimilation of selected metals in tropical bivalves from the New Caledonia lagoon: Qualitative and quantitative aspects. <i>Marine Pollution Bulletin</i> , 2010, 61, 568-575.	5.0	24
221	Metal and metalloid bioaccumulation in the Pacific blue shrimp <i>Litopenaeus stylirostris</i> (Stimpson) from New Caledonia: Laboratory and field studies. <i>Marine Pollution Bulletin</i> , 2010, 61, 576-584.	5.0	39
222	Cytogenetic and developmental toxicity of cerium and lanthanum to sea urchin embryos. <i>Chemosphere</i> , 2010, 81, 194-198.	8.2	94
223	Acid phosphatase and cathepsin activity in cuttlefish ( <i>Sepia officinalis</i> ) eggs: the effects of Ag, Cd, and Cu exposure. <i>ICES Journal of Marine Science</i> , 2010, 67, 1517-1523.	2.5	13
224	First evidence of laccase activity in the Pacific oyster <i>Crassostrea gigas</i> . <i>Fish and Shellfish Immunology</i> , 2010, 28, 719-726.	3.6	74
225	Effects of increased $\text{CO}_2$ and temperature on trace element (Ag, Cd and Zn) bioaccumulation in the eggs of the common cuttlefish, <i>Sepia officinalis</i> . <i>Biogeosciences</i> , 2009, 6, 2561-2573.	3.3	78
226	Delineation of Pb contamination pathways in two Pectinidae: The variegated scallop <i>Chlamys varia</i> and the king scallop <i>Pecten maximus</i> . <i>Science of the Total Environment</i> , 2009, 407, 3503-3509.	8.0	24
227	Biokinetics of Hg and Pb accumulation in the encapsulated egg of the common cuttlefish <i>Sepia officinalis</i> : Radiotracer experiments. <i>Science of the Total Environment</i> , 2009, 407, 6188-6195.	8.0	19
228	Bioaccumulation of essential metals (Co, Mn and Zn) in the king scallop <i>Pecten maximus</i> : seawater, food and sediment exposures. <i>Marine Biology</i> , 2009, 156, 2063-2075.	1.5	35
229	Trends in concentrations of selected metalloid and metals in two bivalves from the coral reefs in the SW lagoon of New Caledonia. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 372-381.	6.0	50
230	Comparative bioaccumulation of trace elements between <i>Nautilus pompilius</i> and <i>Nautilus macromphalus</i> (Cephalopoda: Nautiloidea) from Vanuatu and New Caledonia. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 365-371.	6.0	36
231	Assessment of metal, metalloid, and radionuclide bioaccessibility from mussels to human consumers, using centrifugation and simulated digestion methods coupled with radiotracer techniques. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 1499-1502.	6.0	56
232	Hg concentrations and related risk assessment in coral reef crustaceans, molluscs and fish from New Caledonia. <i>Environmental Pollution</i> , 2009, 157, 331-340.	7.5	67
233	Phenoloxidase activation in the embryo of the common cuttlefish <i>Sepia officinalis</i> and responses to the Ag and Cu exposure. <i>Fish and Shellfish Immunology</i> , 2009, 27, 516-521.	3.6	22
234	Bioaccumulation of inorganic Hg by the juvenile cuttlefish <i>Sepia officinalis</i> exposed to $^{203}\text{Hg}$ radiolabelled seawater and food. <i>Aquatic Biology</i> , 2009, 6, 91-98.	1.4	26

#	ARTICLE	IF	CITATIONS
235	Delineation of heavy metal uptake pathways (seawater and food) in the variegated scallop <i>Chlamys varia</i> , using radiotracer techniques. <i>Marine Ecology - Progress Series</i> , 2009, 375, 161-171.	1.9	34
236	Comparative foraging ecology and ecological niche of a superabundant tropical seabird: the sooty tern <i>Sterna fuscata</i> in the southwest Indian Ocean. <i>Marine Biology</i> , 2008, 155, 505-520.	1.5	38
237	The role of stable isotopes and mercury concentrations to describe seabird foraging ecology in tropical environments. <i>Marine Biology</i> , 2008, 155, 637-647.	1.5	31
238	First experiments on the maternal transfer of metals in the cuttlefish <i>Sepia officinalis</i> . <i>Marine Pollution Bulletin</i> , 2008, 57, 826-831.	5.0	38
239	Investigation of Ag in the king scallop <i>Pecten maximus</i> using field and laboratory approaches. <i>Journal of Experimental Marine Biology and Ecology</i> , 2008, 367, 53-60.	1.5	30
240	Metal and metalloid concentrations in the giant squid <i>Architeuthis dux</i> from Iberian waters. <i>Marine Environmental Research</i> , 2008, 66, 278-287.	2.5	64
241	The tropical brown alga <i>Lobophora variegata</i> as a bioindicator of mining contamination in the New Caledonia lagoon: A field transplantation study. <i>Marine Environmental Research</i> , 2008, 66, 438-444.	2.5	38
242	Differential bioaccumulation behaviour of Ag and Cd during the early development of the cuttlefish <i>Sepia officinalis</i> . <i>Aquatic Toxicology</i> , 2008, 86, 437-446.	4.0	34
243	Bioaccumulation and detoxification processes of Hg in the king scallop <i>Pecten maximus</i> : Field and laboratory investigations. <i>Aquatic Toxicology</i> , 2008, 90, 204-213.	4.0	28
244	Accumulation of nine metals and one metalloid in the tropical scallop <i>Comptopallium radula</i> from coral reefs in New Caledonia. <i>Environmental Pollution</i> , 2008, 152, 543-552.	7.5	93
245	Bioaccumulation of persistent organic pollutants in female common dolphins ( <i>Delphinus delphis</i> ) and harbour porpoises ( <i>Phocoena phocoena</i> ) from western European seas: Geographical trends, causal factors and effects on reproduction and mortality. <i>Environmental Pollution</i> , 2008, 153, 401-415.	7.5	71
246	Geographic, seasonal and ontogenetic variation in cadmium and mercury concentrations in squid (Cephalopoda: Teuthoidea) from UK waters. <i>Ecotoxicology and Environmental Safety</i> , 2008, 70, 422-432.	6.0	68
247	Effects of Lipid Extraction on $\delta^{13}C$ and $\delta^{15}N$ Values in Seabird Muscle, Liver and Feathers. <i>Waterbirds</i> , 2008, 31, 169-178.	0.3	40
248	Trophic ecology of marine birds and pelagic fishes from Reunion Island as determined by stable isotope analysis. <i>Marine Ecology - Progress Series</i> , 2008, 361, 239-251.	1.9	33
249	Radiotracer Techniques: A Unique Tool in Marine Ecotoxicological Studies. <i>Environmental Bioindicators</i> , 2007, 2, 217-218.	0.4	26
250	Preliminary results on trace element levels in three species of seabirds from the western Indian Ocean. <i>Ostrich</i> , 2007, 78, 435-441.	1.1	2
251	Trace element levels in foetus-mother pairs of short-beaked common dolphins ( <i>Delphinus delphis</i> ) stranded along the French coasts. <i>Environment International</i> , 2007, 33, 1021-1028.	10.0	39
252	Bioaccumulation of trace elements in pelagic fish from the Western Indian Ocean. <i>Environmental Pollution</i> , 2007, 146, 548-566.	7.5	234

#	ARTICLE	IF	CITATIONS
253	Nickel bioaccumulation in bivalves from the New Caledonia lagoon: Seawater and food exposure. <i>Chemosphere</i> , 2007, 66, 1449-1457.	8.2	62
254	Biological and ecological factors related to trace element levels in harbour porpoises ( <i>Phocoena</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	2.5	37
255	Mercury in seabird feathers: Insight on dietary habits and evidence for exposure levels in the western Indian Ocean. <i>Science of the Total Environment</i> , 2007, 384, 194-204.	8.0	32
256	Interspecific comparison of Cd bioaccumulation in European Pectinidae ( <i>Chlamys varia</i> and <i>Pecten</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.5	47
257	Trace Elements in Three Marine Birds Breeding on Reunion Island (Western Indian Ocean): Part 1â€”Factors Influencing Their Bioaccumulation. <i>Archives of Environmental Contamination and Toxicology</i> , 2007, 52, 418-430.	4.1	49
258	Trace Elements in Three Marine Birds Breeding on Reunion Island (Western Indian Ocean): Part 2â€”Factors Influencing Their Detoxification. <i>Archives of Environmental Contamination and Toxicology</i> , 2007, 52, 431-440.	4.1	30
259	Applying new tools to cephalopod trophic dynamics and ecology: perspectives from the Southern Ocean Cephalopod Workshop, February 2â€”3, 2006. <i>Reviews in Fish Biology and Fisheries</i> , 2007, 17, 79-99.	4.9	54
260	Composition in essential and non-essential elements of early stages of cephalopods and dietary effects on the elemental profiles of <i>Octopus vulgaris</i> paralarvae. <i>Aquaculture</i> , 2006, 261, 225-240.	3.5	86
261	Metal influence on metallothionein synthesis in the hydrothermal vent mussel <i>Bathymodiolus thermophilus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 143, 321-332.	2.6	47
262	Bioaccumulation of Hg, Cu, and Zn in the Azores triple junction hydrothermal vent fields food web. <i>Chemosphere</i> , 2006, 65, 2260-2267.	8.2	60
263	Lead contamination of small cetaceans in European waters â€” The use of stable isotopes for identifying the sources of lead exposure. <i>Marine Environmental Research</i> , 2006, 62, 131-148.	2.5	41
264	Growth and metal uptake of microalgae produced using salt groundwaters from the Bay of Bourgneuf. <i>Aquatic Living Resources</i> , 2006, 19, 247-255.	1.2	7
265	Variation of heavy metal concentrations (Ag, Cd, Co, Cu, Fe, Pb, V, and Zn) during the life cycle of the common cuttlefish <i>Sepia officinalis</i> . <i>Science of the Total Environment</i> , 2006, 361, 132-143.	8.0	70
266	Total and organic Hg concentrations in cephalopods from the North Eastern Atlantic waters: Influence of geographical origin and feeding ecology. <i>Science of the Total Environment</i> , 2006, 368, 585-596.	8.0	164
267	Mercury content in commercial pelagic fish and its risk assessment in the Western Indian Ocean. <i>Science of the Total Environment</i> , 2006, 366, 688-700.	8.0	118
268	New insights from age determination on toxic element accumulation in striped and bottlenose dolphins from Atlantic and Mediterranean waters. <i>Marine Pollution Bulletin</i> , 2006, 52, 1219-1230.	5.0	55
269	Assessment of the exposure pathway in the uptake and distribution of americium and cesium in cuttlefish ( <i>Sepia officinalis</i> ) at different stages of its life cycle. <i>Journal of Experimental Marine Biology and Ecology</i> , 2006, 331, 198-207.	1.5	34
270	Subcellular and body distributions of 17 trace elements in the variegated scallop <i>Chlamys varia</i> from the French coast of the Bay of Biscay. <i>Science of the Total Environment</i> , 2005, 337, 59-73.	8.0	117



#	ARTICLE	IF	CITATIONS
271	Accumulation of mercury in the tissues of the common octopus <i>Octopus vulgaris</i> (L.) in two localities on the Portuguese coast. <i>Science of the Total Environment</i> , 2005, 340, 113-122.	8.0	45
272	Use of Radiotracer Techniques to Study Subcellular Distribution of Metals and Radionuclides in Bivalves from the Noumea Lagoon, New Caledonia. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2005, 75, 89-93.	2.7	25
273	Trace element (Cd, Cu, Hg, Se, Zn) accumulation and tissue distribution in loggerhead turtles ( <i>Caretta</i> ) Tj ETQq1 1 0.784314 pgBT /Ov	8.2	81
274	Interannual patterns of variation in concentrations of trace elements in arms of <i>Octopus vulgaris</i> . <i>Chemosphere</i> , 2005, 59, 1113-1124.	8.2	48
275	Bioaccumulation of PCBs in the cuttlefish <i>Sepia officinalis</i> from seawater, sediment and food pathways. <i>Environmental Pollution</i> , 2005, 134, 113-122.	7.5	22
276	Bioaccumulation of PCBs in the sea urchin <i>Paracentrotus lividus</i> : seawater and food exposures to a <sup>14</sup> C-radiolabelled congener (PCB#153). <i>Environmental Pollution</i> , 2005, 135, 11-16.	7.5	20
277	Evaluation of the variegated scallop <i>Chlamys varia</i> as a biomonitor of temporal trends of Cd, Cu, and Zn in the field. <i>Environmental Pollution</i> , 2005, 138, 109-120.	7.5	43
278	Long-term dietary segregation of common dolphins <i>Delphinus delphis</i> in the Bay of Biscay, determined using cadmium as an ecological tracer. <i>Marine Ecology - Progress Series</i> , 2005, 305, 275-285.	1.9	55
279	Uptake, transfer and distribution of silver and cobalt in tissues of the common cuttlefish <i>Sepia officinalis</i> at different stages of its life cycle. <i>Marine Ecology - Progress Series</i> , 2004, 269, 185-195.	1.9	60
280	Interspecific and geographical variations of trace element concentrations in Pectinidae from European waters. <i>Chemosphere</i> , 2004, 57, 1355-1362.	8.2	45
281	The impact of the "Erika" oil spill on pelagic and coastal marine mammals: Combining demographic, ecological, trace metals and biomarker evidences. <i>Aquatic Living Resources</i> , 2004, 17, 379-387.	1.2	15
282	Trace element bioaccumulation in grey seals <i>Halichoerus grypus</i> from the Faroe Islands. <i>Marine Ecology - Progress Series</i> , 2004, 267, 291-301.	1.9	37
283	Influence of the diet on the bioaccumulation of heavy metals in zooplankton-eating petrels at Kerguelen archipelago, Southern Indian Ocean. <i>Polar Biology</i> , 2003, 26, 759-767.	1.2	39
284	Distribution of trace elements in the tissues of benthic and pelagic fish from the Kerguelen Islands. <i>Science of the Total Environment</i> , 2003, 313, 25-39.	8.0	147
285	Trace elements in two odontocete species ( <i>Kogia breviceps</i> and <i>Globicephala macrorhynchus</i> ) stranded in New Caledonia (South Pacific). <i>Environmental Pollution</i> , 2003, 124, 263-271.	7.5	74
286	Delineation of PCB uptake pathways in a benthic sea star using a radiolabelled congener. <i>Marine Ecology - Progress Series</i> , 2003, 253, 155-163.	1.9	17
287	Cadmium detoxification processes in the digestive gland of cephalopods in relation to accumulated cadmium concentrations. <i>Marine Environmental Research</i> , 2002, 53, 227-241.	2.5	136
288	Concentration and distribution of <sup>210</sup> Po in the tissues of the scallop <i>Chlamys varia</i> and the mussel <i>Mytilus edulis</i> from the coasts of Charente-Maritime (France). <i>Marine Pollution Bulletin</i> , 2002, 44, 997-1002.	5.0	52

#	ARTICLE	IF	CITATIONS
289	Biokinetics of zinc and cadmium accumulation and depuration at different stages in the life cycle of the cuttlefish <i>Sepia officinalis</i> . <i>Marine Ecology - Progress Series</i> , 2002, 231, 167-177.	1.9	86
290	Cadmium-containing granules in kidney tissue of the Atlantic white-sided dolphin ( <i>Lagenorhynchus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 <i>Pharmacology</i> , 2001, 130, 389-395.	2.6	19
291	Bioaccumulation of 12 Trace Elements in the Tissues of the Nautilus <i>Nautilus macromphalus</i> from New Caledonia. <i>Marine Pollution Bulletin</i> , 2000, 40, 688-696.	5.0	98
292	Bioaccumulation of Cadmium, Copper and Zinc in some Tissues of Three Species of Marine Turtles Stranded Along the French Atlantic Coasts. <i>Marine Pollution Bulletin</i> , 1999, 38, 1085-1091.	5.0	103
293	Cadmium, copper and zinc in octopuses from Kerguelen Islands, Southern Indian Ocean. <i>Polar Biology</i> , 1998, 19, 264-271.	1.2	84
294	Cephalopods as a vector for the transfer of cadmium to top marine predators in the north-east Atlantic Ocean. <i>Science of the Total Environment</i> , 1998, 220, 71-80.	8.0	295
295	Sexual segregation in a highly pagophilic and sexually dimorphic marine predator. , 0, 1, .		5
296	Nutritional grouping of marine forage species reveals contrasted exposure of high trophic levels to essential microá€nutrients. <i>Oikos</i> , 0, , .	2.7	9
297	›¿Diet of the exotic Madeiran wall lizard: first insights into trophic interactions in an Atlantic seabird sanctuary. <i>Herpetozoa</i> , 0, 35, 107-113.	1.0	4
298	Variation Among Species and Populations, and Carry-Over Effects of Winter Exposure on Mercury Accumulation in Small Petrels. <i>Frontiers in Ecology and Evolution</i> , 0, 10, .	2.2	4