

Paco Bustamante

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9037698/paco-bustamante-publications-by-year.pdf>

Version: 2024-04-25

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.

279
papers

7,890
citations

47
h-index

68
g-index

303
ext. papers

9,224
ext. citations

6
avg, IF

6.14
L-index

#	Paper	IF	Citations
279	A U-Turn for Mercury Concentrations over 20 Years: How Do Environmental Conditions Affect Exposure in Arctic Seabirds?. <i>Environmental Science & Technology</i> , 2022 ,	10.3	2
278	Spatial and sex differences in mercury contamination of skuas in the Southern Ocean.. <i>Environmental Pollution</i> , 2022 , 297, 118841	9.3	1
277	Risk and benefit assessment of seafood consumption harvested from the Pertuis Charentais region of France. <i>Environmental Pollution</i> , 2022 , 292, 118388	9.3	2
276	Quantitative meta-analysis reveals no association between mercury contamination and body condition in birds.. <i>Biological Reviews</i> , 2022 ,	13.5	2
275	First Time Identification of Selenoneine in Seabirds and Its Potential Role in Mercury Detoxification.. <i>Environmental Science & Technology</i> , 2022 ,	10.3	3
274	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. Mater. 425 (2021) 127922. doi: 10.1016/j.jhazmat.2021.127922.. <i>Journal of Hazardous Materials</i> , 2022 , 431, 128582	12.8	
273	Mercury biomagnification in an Antarctic food web of the Antarctic Peninsula.. <i>Environmental Pollution</i> , 2022 , 304, 119199	9.3	0
272	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,	4.3	0
271	Temporal trends of mercury in Arctic biota: 10 more years of progress in Arctic monitoring.. <i>Science of the Total Environment</i> , 2022 , 155803	10.2	2
270	Relationships between stable isotopes and trace element concentrations in the crocodylian community of French Guiana.. <i>Science of the Total Environment</i> , 2022 , 155846	10.2	
269	Mercury concentrations and trophic relations in sharks of the Pacific Ocean of Colombia. <i>Marine Pollution Bulletin</i> , 2021 , 173, 113109	6.7	0
268	New insights into the biomineralization of mercury selenide nanoparticles through stable isotope analysis in giant petrel tissues. <i>Journal of Hazardous Materials</i> , 2021 , 425, 127922	12.8	3
267	A multifaceted assessment of the effects of polyethylene microplastics on juvenile gilthead seabreams (<i>Sparus aurata</i>). <i>Aquatic Toxicology</i> , 2021 , 241, 106004	5.1	0
266	Mercury in the tissues of five cephalopods species: First data on the nervous system. <i>Science of the Total Environment</i> , 2021 , 759, 143907	10.2	2
265	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	3.2	1
264	Mercury biomagnification in a Southern Ocean food web. <i>Environmental Pollution</i> , 2021 , 275, 116620	9.3	10
263	Chemical Forms of Mercury in Blue Marlin Billfish: Implications for Human Exposure. <i>Environmental Science and Technology Letters</i> , 2021 , 8, 405-411	11	7

262	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	6.7	1
261	How animals distribute themselves in space: energy landscapes of Antarctic avian predators. <i>Movement Ecology</i> , 2021 , 9, 24	4.6	4
260	Trophic ecology drives trace element concentrations in the Antarctic octopod community. <i>Science of the Total Environment</i> , 2021 , 768, 144373	10.2	2
259	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	2.8	1
258	Foraging ecology drives mercury contamination in chick gulls from the English Channel. <i>Chemosphere</i> , 2021 , 267, 128622	8.4	2
257	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	8.4	8
256	Mercury isotopes of key tissues document mercury metabolic processes in seabirds. <i>Chemosphere</i> , 2021 , 263, 127777	8.4	25
255	Seasonal variation of mercury contamination in Arctic seabirds: A pan-Arctic assessment. <i>Science of the Total Environment</i> , 2021 , 750, 142201	10.2	13
254	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	7.9	4
253	Trophic and fitness correlates of mercury and organochlorine compound residues in egg-laying Antarctic petrels. <i>Environmental Research</i> , 2021 , 193, 110518	7.9	2
252	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	3.8	3
251	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	4.7	6
250	In Vivo Formation of HgSe Nanoparticles and Hg-Tetraselenolate Complex from Methylmercury in Seabirds-Implications for the Hg-Se Antagonism. <i>Environmental Science & Technology</i> , 2021 , 55, 1515-1526 ³⁰	10.3	30
249	Diet of spiny lobsters from Mahé Island reefs, Seychelles inferred by trophic tracers. <i>Regional Studies in Marine Science</i> , 2021 , 42, 101640	1.5	2
248	Habitat degradation increases interspecific trophic competition between three spiny lobster species in Seychelles. <i>Estuarine, Coastal and Shelf Science</i> , 2021 , 256, 107368	2.9	1
247	Inter-annual variation in winter distribution affects individual seabird contamination with mercury. <i>Marine Ecology - Progress Series</i> , 2021 , SEA,	2.6	1
246	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	5.7	0
245	Mercury Isotope Fractionation by Internal Demethylation and Biomineralization Reactions in Seabirds: Implications for Environmental Mercury Science. <i>Environmental Science & Technology</i> , 2021 , 55, 13942-13952	10.3	5

244	Lead, mercury, and selenium alter physiological functions in wild caimans (<i>Caiman crocodilus</i>). <i>Environmental Pollution</i> , 2021 , 286, 117549	9.3	3
243	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	3.8	2
242	Large-scale survey of lithium concentrations in marine organisms. <i>Science of the Total Environment</i> , 2021 , 751, 141453	10.2	9
241	Demethylation of Methylmercury in Bird, Fish, and Earthworm. <i>Environmental Science & Technology</i> , 2021 , 55, 1527-1534	10.3	28
240	Maturation of the European sardine <i>Sardina pilchardus</i> under experimental conditions strengthens bioenergetic estimate. <i>Marine Environmental Research</i> , 2020 , 160, 104985	3.3	
239	Metal(loid)s in superficial sediments from coral reefs of French Polynesia. <i>Marine Pollution Bulletin</i> , 2020 , 155, 111175	6.7	1
238	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	3.8	13
237	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	3.3	2
236	A "seabird-eye" on mercury stable isotopes and cycling in the Southern Ocean. <i>Science of the Total Environment</i> , 2020 , 742, 140499	10.2	11
235	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	3	7
234	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	2.1	5
233	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	1.1	5
232	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	3.3	4
231	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	10.2	4
230	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	6.7	2
229	Sea-ice edge is more important than closer open water access for foraging Adlie penguins: evidence from two colonies. <i>Marine Ecology - Progress Series</i> , 2020 , 640, 215-230	2.6	5
228	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	4.4	4
227	Main drivers of mercury levels in Southern Ocean lantern fish <i>Myctophidae</i> . <i>Environmental Pollution</i> , 2020 , 264, 114711	9.3	5

226	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	3.3	4
225	Trace elements and persistent organic pollutants in chicks of 13 seabird species from Antarctica to the subtropics. <i>Environment International</i> , 2020 , 134, 105225	12.9	28
224	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	3.3	4
223	Contrasting Spatial and Seasonal Trends of Methylmercury Exposure Pathways of Arctic Seabirds: Combination of Large-Scale Tracking and Stable Isotopic Approaches. <i>Environmental Science & Technology</i> , 2020 , 54, 13619-13629	10.3	11
222	Diet variably affects the trophic transfer of trace elements in the oyster <i>Crassostrea gigas</i> . <i>Marine Environmental Research</i> , 2020 , 161, 105124	3.3	1
221	Antarctic octopod beaks as proxy for mercury concentrations in soft tissues. <i>Marine Pollution Bulletin</i> , 2020 , 158, 111447	6.7	2
220	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	10.2	2
219	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	9.3	2
218	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	4.9	3
217	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	9.3	13
216	Mercury levels in Southern Ocean squid: Variability over the last decade. <i>Chemosphere</i> , 2020 , 239, 124785	5.4	21
215	Environmental causes and reproductive correlates of mercury contamination in European pond turtles (<i>Emys orbicularis</i>). <i>Environmental Research</i> , 2019 , 172, 338-344	7.9	6
214	Foraging habits and levels of mercury in a resident population of bottlenose dolphins (<i>Tursiops truncatus</i>) in Bocas del Toro Archipelago, Caribbean Sea, Panama. <i>Marine Pollution Bulletin</i> , 2019 , 145, 343-356	6.7	3
213	Does trophic level drive organic and metallic contamination in coral reef organisms?. <i>Science of the Total Environment</i> , 2019 , 667, 208-221	10.2	11
212	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	10.2	9
211	Using blood and feathers to investigate large-scale Hg contamination in Arctic seabirds: A review. <i>Environmental Research</i> , 2019 , 177, 108588	7.9	28
210	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	2.6	9
209	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	6.7	3

208	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	4.8	18
207	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	7.9	15
206	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	9.3	14
205	Seabird colonies as relevant sources of pollutants in Antarctic ecosystems: Part 2 - Persistent Organic Pollutants. <i>Chemosphere</i> , 2019 , 214, 866-876	8.4	10
204	The role of marine biotoxins on the trophic transfer of Mn and Zn in fish. <i>Aquatic Toxicology</i> , 2018 , 198, 198-205	5.1	2
203	Seabird Tissues As Efficient Biomonitoring Tools for Hg Isotopic Investigations: Implications of Using Blood and Feathers from Chicks and Adults. <i>Environmental Science & Technology</i> , 2018 , 52, 4227-4234	10.3	27
202	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	2.8	6
201	Seabird colonies as relevant sources of pollutants in Antarctic ecosystems: Part 1 - Trace elements. <i>Chemosphere</i> , 2018 , 204, 535-547	8.4	10
200	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	10.2	14
199	A global perspective on the trophic geography of sharks. <i>Nature Ecology and Evolution</i> , 2018 , 2, 299-305	12.3	66
198	Modulators of mercury risk to wildlife and humans in the context of rapid global change. <i>Ambio</i> , 2018 , 47, 170-197	6.5	168
197	Investigations of temperature and pH variations on metal trophic transfer in turbot (<i>Scophthalmus maximus</i>). <i>Environmental Science and Pollution Research</i> , 2018 , 25, 11219-11225	5.1	7
196	Trace elements in invertebrates and fish from Kerguelen waters, southern Indian Ocean. <i>Polar Biology</i> , 2018 , 41, 175-191	2	28
195	Variability of energy density among mesozooplankton community: New insights in functional diversity to forage fish. <i>Progress in Oceanography</i> , 2018 , 166, 121-128	3.8	7
194	Tracking trace elements into complex coral reef trophic networks. <i>Science of the Total Environment</i> , 2018 , 612, 1091-1104	10.2	15
193	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	7	18
192	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	2.4	0
191	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	6.7	9

190	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	3.8	10
189	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	3.8	5
188	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	6
187	Identification of sources and bioaccumulation pathways of MeHg in subantarctic penguins: a stable isotopic investigation. <i>Scientific Reports</i> , 2018 , 8, 8865	4.9	17
186	Overview of trace element trophic transfer in fish through the concept of assimilation efficiency. <i>Marine Ecology - Progress Series</i> , 2018 , 588, 243-254	2.6	18
185	Trace elements in a Mediterranean scorpaenid fish: Bioaccumulation processes and spatial variations. <i>Progress in Oceanography</i> , 2018 , 163, 184-195	3.8	10
184	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	9.3	41
183	Large-scale geographic patterns of mercury contamination in Morocco revealed by freshwater turtles. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 2350-2360	5.1	12
182	Mercury exposure and short-term consequences on physiology and reproduction in Antarctic petrels. <i>Environmental Pollution</i> , 2018 , 237, 824-831	9.3	19
181	The role of salinity in the trophic transfer of Cs in euryhaline fish. <i>Journal of Environmental Radioactivity</i> , 2018 , 189, 255-260	2.4	10
180	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) pugnalis</i> . <i>BioMetals</i> , 2018 , 31, 627-637	3.4	2
179	Accumulate or eliminate? Seasonal mercury dynamics in albatrosses, the most contaminated family of birds. <i>Environmental Pollution</i> , 2018 , 241, 124-135	9.3	37
178	Trace elements in oceanic pelagic communities in the western Indian Ocean. <i>Chemosphere</i> , 2017 , 174, 354-362	8.4	36
177	Metal bioaccumulation and detoxification processes in cephalopods: A review. <i>Environmental Research</i> , 2017 , 155, 123-133	7.9	51
176	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	2.6	1
175	Trophic ecology drives contaminant concentrations within a tropical seabird community. <i>Environmental Pollution</i> , 2017 , 227, 183-193	9.3	17
174	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	10.2	16
173	Assessment of mercury speciation in feathers using species-specific isotope dilution analysis. <i>Talanta</i> , 2017 , 174, 100-110	6.2	35

172	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	7.9	31
171	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	9.3	32
170	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	8.4	6
169	Trophic ecology of commercial-size meagre, <i>Argyrosomus regius</i> , in the Bay of Biscay (NE Atlantic)?. <i>Aquatic Living Resources</i> , 2017 , 30, 9	1.5	6
168	Industrial Melanism in the Seasnake <i>Emydocephalus annulatus</i> . <i>Current Biology</i> , 2017 , 27, 2510-2513.e2	6.3	34
167	Perfluorinated substances and telomeres in an Arctic seabird: Cross-sectional and longitudinal approaches. <i>Environmental Pollution</i> , 2017 , 230, 360-367	9.3	42
166	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	2	8
165	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	2.1	15
164	Mercury in the ecosystem of Admiralty Bay, King George Island, Antarctica: Occurrence and trophic distribution. <i>Marine Pollution Bulletin</i> , 2017 , 114, 564-570	6.7	27
163	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	3.8	5
162	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	5.8	6
161	Progressive ontogenetic niche shift over the prolonged immaturity period of wandering albatrosses. <i>Royal Society Open Science</i> , 2017 , 4, 171039	3.3	4
160	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	2.6	15
159	Mate similarity in foraging Kerguelen shags: a combined bio-logging and stable isotope investigation. <i>Marine Ecology - Progress Series</i> , 2017 , 578, 183-196	2.6	7
158	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	3.2	13
157	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	1.9	11
156	Exposure to oxychlordan is associated with shorter telomeres in arctic breeding kittiwakes. <i>Science of the Total Environment</i> , 2016 , 563-564, 125-30	10.2	42
155	Mercury exposure, stress and prolactin secretion in an Arctic seabird: an experimental study. <i>Functional Ecology</i> , 2016 , 30, 596-604	5.6	36

154	Penguins as bioindicators of mercury contamination in the southern Indian Ocean: geographical and temporal trends. <i>Environmental Pollution</i> , 2016 , 213, 195-205	9.3	31
153	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, 754-64	10.2	33
152	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, 382-8	9.3	35
151	Importance of Integration and Implementation of Emerging and Future Mercury Research into the Minamata Convention. <i>Environmental Science & Technology</i> , 2016 , 50, 2767-70	10.3	52
150	Differential bioaccumulation of (134)Cs in tropical marine organisms and the relative importance of exposure pathways. <i>Journal of Environmental Radioactivity</i> , 2016 , 152, 127-35	2.4	27
149	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	7.9	49
148	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	2.6	15
147	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	2.2	2
146	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	10.2	42
145	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	9.3	24
144	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	10.2	40
143	Persistent organic pollutants in a marine bivalve on the Marennes-Oléron Bay and the Gironde Estuary (French Atlantic Coast) - part 2: potential biological effects. <i>Science of the Total Environment</i> , 2015 , 514, 511-22	10.2	26
142	Delineation of ¹³⁷ Cs uptake pathways (seawater and food) in the variegated scallop <i>Mimachlamys varia</i> . <i>Journal of Environmental Radioactivity</i> , 2015 , 148, 74-9	2.4	12
141	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	10.2	16
140	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, 165-72	3	19
139	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, 500-10	10.2	19
138	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	5.1	10
137	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	2.5	39

136	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	2.5	23
135	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	3.4	17
134	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, 180-8	10.2	70
133	Impact of Galvanic Anode Dissolution on Metal Trace Element Concentrations in Marine Waters. <i>Water, Air, and Soil Pollution</i> , 2015 , 226, 1	2.6	5
132	Mercury in wintering seabirds, an aggravating factor to winter wrecks?. <i>Science of the Total Environment</i> , 2015 , 527-528, 448-54	10.2	30
131	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, 743-9	10.2	35
130	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, 170-5	5.1	22
129	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	9.3	55
128	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	2.5	12
127	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	2	13
126	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	2.7	30
125	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	2.5	44
124	Interspecific and geographical variations of trace metal concentrations in cephalopods from Tunisian waters. <i>Environmental Monitoring and Assessment</i> , 2014 , 186, 3767-83	3.1	26
123	Mother-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, 1574-81	1.9	28
122	Mercury exposure in a large subantarctic avian community. <i>Environmental Pollution</i> , 2014 , 190, 51-7	9.3	55
121	Demographic responses to mercury exposure in two closely related Antarctic top predators. <i>Ecology</i> , 2014 , 95, 1075-86	4.6	86
120	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	3.8	28
119	Spatial ecotoxicology: migratory Arctic seabirds are exposed to mercury contamination while overwintering in the northwest Atlantic. <i>Environmental Science & Technology</i> , 2014 , 48, 11560-7	10.3	57

118	Oxidative stress in relation to reproduction, contaminants, gender and age in a long-lived seabird. <i>Oecologia</i> , 2014 , 175, 1107-16	2.9	42
117	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 $\delta^{13}C$ and $\delta^{15}N$ values of fish and identified mesozooplanktonic organisms. <i>Journal of Sea Research</i> , 2014 , 85, 277-291	1.9	34
116	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,	4.4	70
115	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, 876-82	10.2	19
114	Age-related mercury contamination and relationship with luteinizing hormone in a long-lived Antarctic bird. <i>PLoS ONE</i> , 2014 , 9, e103642	3.7	23
113	Trophic ecology of common elasmobranchs exploited by artisanal shark fisheries off south-western Madagascar. <i>Aquatic Biology</i> , 2014 , 23, 29-38	2	13
112	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, 13703-19	5.1	24
111	Wandering albatrosses document latitudinal variations in the transfer of persistent organic pollutants and mercury to Southern Ocean predators. <i>Environmental Science & Technology</i> , 2014 , 48, 14746-55	10.3	56
110	Trophic resource partitioning within a shorebird community feeding on intertidal mudflat habitats. <i>Journal of Sea Research</i> , 2014 , 92, 115-124	1.9	29
109	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, 206-17	10.2	28
108	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	10.2	10
107	Trace element accumulation in relation to trophic niches of shorebirds using intertidal mudflats. <i>Journal of Sea Research</i> , 2014 , 92, 134-143	1.9	16
106	Spatial variability of metallic and organic contamination of anguilliform fish in New Caledonia. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 4576-91	5.1	15
105	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	2.5	26
104	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	2.5	34
103	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, 158-69	6.7	37
102	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	3.3	41
101	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	5.1	10

100	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, 141-8	10.2	63
99	To breed or not to breed: endocrine response to mercury contamination by an Arctic seabird. <i>Biology Letters</i> , 2013 , 9, 20130317	3.6	117
98	Wide range of mercury contamination in chicks of southern ocean seabirds. <i>PLoS ONE</i> , 2013 , 8, e54508	3.7	78
97	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	10.2	18
96	Revisiting the use of $\delta^{15}N$ 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 Atlantic). <i>Progress in Oceanography</i> , 2012 , 101, 92-105	3.8	78
95	Temperature and pCO ₂ 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	2.1	31
94	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	2.1	53
93	Persistent organic pollutants and stable isotopes in pinnipeds from King George Island, Antarctica. <i>Marine Pollution Bulletin</i> , 2012 , 64, 2650-5	6.7	26
92	Evidence of species-specific detoxification processes for trace elements in shorebirds. <i>Ecotoxicology</i> , 2012 , 21, 2349-62	2.9	13
91	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	2.5	81
90	Bioaccumulation and metabolism of (14)C-pyrene by the Pacific oyster <i>Crassostrea gigas</i> exposed via seawater. <i>Chemosphere</i> , 2012 , 87, 938-44	8.4	21
89	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, 1335-40	8.4	42
88	Differential tissue distribution and specificity of phenoloxidasas from the Pacific oyster <i>Crassostrea gigas</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2011 , 159, 220-6	2.3	28
87	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, 1238-49	7	46
86	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, 483-96	12.5	30
85	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
84	Radioisotopes demonstrate the contrasting bioaccumulation capacities of heavy metals in embryonic stages of cephalopod species. <i>PLoS ONE</i> , 2011 , 6, e27653	3.7	10
83	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	3.8	71

82	Organic pollutants and their correlation with stable isotopes in vegetation from King George Island, Antarctica. <i>Chemosphere</i> , 2011 , 85, 393-8	8.4	41
81	Certification for trace elements and methyl mercury mass fractions in IAEA-452 scallop (<i>Pecten Maximus</i>) sample. <i>Accreditation and Quality Assurance</i> , 2011 , 16, 439-447	0.7	4
80	Characterization of ^{241}Am and ^{137}Cs bioaccumulation in the king scallop <i>Pecten maximus</i> : investigation via three exposure pathways. <i>Journal of Environmental Radioactivity</i> , 2011 , 102, 543-50	2.4	34
79	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	2.6	53
78	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	2.7	11
77	First evidence of laccase activity in the Pacific oyster <i>Crassostrea gigas</i> . <i>Fish and Shellfish Immunology</i> , 2010 , 28, 719-26	4.3	64
76	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	5.1	35
75	Contrasting accumulation biokinetics and distribution of ^{241}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	2.1	21
74	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, 568-75	6.7	19
73	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, 576-84	6.7	35
72	Cytogenetic and developmental toxicity of cerium and lanthanum to sea urchin embryos. <i>Chemosphere</i> , 2010 , 81, 194-8	8.4	80
71	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, 3503-9	10.2	22
70	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, 6188-95	10.2	18
69	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	2.5	32
68	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, 372-81	7	44
67	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, 365-71	7	30
66	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, 1499-502	7	52
65	Hg concentrations and related risk assessment in coral reef crustaceans, molluscs and fish from New Caledonia. <i>Environmental Pollution</i> , 2009 , 157, 331-40	9.3	57

64	Phenoxidase 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, 516-21	4.3	17
63	Bioaccumulation of inorganic Hg by the juvenile cuttlefish <i>Sepia officinalis</i> exposed to 203Hg radiolabelled seawater and food. <i>Aquatic Biology</i> , 2009 , 6, 91-98	2	24
62	Effects of increased 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	4.6	70
61	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	2.6	30
60	First experiments on the maternal transfer of metals in the cuttlefish <i>Sepia officinalis</i> . <i>Marine Pollution Bulletin</i> , 2008 , 57, 826-31	6.7	33
59	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	2.1	28
58	Metal and metalloid concentrations in the giant squid <i>Architeuthis dux</i> from Iberian waters. <i>Marine Environmental Research</i> , 2008 , 66, 278-87	3.3	53
57	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, 438-44	3.3	32
56	Differential bioaccumulation behaviour of Ag and Cd during the early development of the cuttlefish <i>Sepia officinalis</i> . <i>Aquatic Toxicology</i> , 2008 , 86, 437-46	5.1	31
55	Bioaccumulation and detoxification processes of Hg in the king scallop <i>Pecten maximus</i> : field and laboratory investigations. <i>Aquatic Toxicology</i> , 2008 , 90, 204-13	5.1	24
54	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, 543-52	9.3	79
53	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, 401-15	9.3	52
52	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, 422-32	7	60
51	Effects of Lipid Extraction on $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ Values in Seabird Muscle, Liver and Feathers. <i>Waterbirds</i> , 2008 , 31, 169-178	0.5	40
50	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	2.5	30
49	The role of stable isotopes and mercury concentrations to describe seabird foraging ecology in tropical environments. <i>Marine Biology</i> , 2008 , 155, 637-647	2.5	24
48	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	2.6	28
47	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	10.2	24

46	Interspecific comparison of Cd bioaccumulation in European Pectinidae (<i>Chlamys varia</i> and <i>Pecten maximus</i>). <i>Journal of Experimental Marine Biology and Ecology</i> , 2007 , 353, 58-67	2.1	37
45	Trace elements in three marine birds breeding on Reunion Island (Western Indian ocean): part 1-factors influencing their bioaccumulation. <i>Archives of Environmental Contamination and Toxicology</i> , 2007 , 52, 418-30	3.2	45
44	Trace elements in three marine birds breeding on Reunion Island (Western Indian ocean): part 2-factors influencing their detoxification. <i>Archives of Environmental Contamination and Toxicology</i> , 2007 , 52, 431-40	3.2	22
43	Applying new tools to cephalopod trophic dynamics and ecology: perspectives from the Southern Ocean Cephalopod Workshop, February 2B, 2006. <i>Reviews in Fish Biology and Fisheries</i> , 2007 , 17, 79-99	6	42
42	Radiotracer Techniques: A Unique Tool in Marine Ecotoxicological Studies. <i>Environmental Bioindicators</i> , 2007 , 2, 217-218		23
41	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, 1021-8	12.9	22
40	Bioaccumulation of trace elements in pelagic fish from the Western Indian Ocean. <i>Environmental Pollution</i> , 2007 , 146, 548-66	9.3	193
39	Nickel bioaccumulation in bivalves from the New Caledonia lagoon: seawater and food exposure. <i>Chemosphere</i> , 2007 , 66, 1449-57	8.4	57
38	Biological and ecological factors related to trace element levels in harbour porpoises (<i>Phocoena phocoena</i>) from European waters. <i>Marine Environmental Research</i> , 2007 , 64, 247-66	3.3	33
37	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, 132-43	10.2	61
36	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, 585-96	10.2	138
35	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	10.2	97
34	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, 1219-30	6.7	43
33	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	2.1	33
32	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	4.4	78
31	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, 321-32	3.2	39
30	Bioaccumulation of Hg, Cu, and Zn in the Azores triple junction hydrothermal vent fields food web. <i>Chemosphere</i> , 2006 , 65, 2260-7	8.4	55
29	Lead contamination of small cetaceans in European waters--the use of stable isotopes for identifying the sources of lead exposure. <i>Marine Environmental Research</i> , 2006 , 62, 131-48	3.3	32

28	Growth and metal uptake of microalgae produced using salt groundwaters from the Bay of Bourgneuf. <i>Aquatic Living Resources</i> , 2006 , 19, 247-255	1.5	6
27	Trace element (Cd, Cu, Hg, Se, Zn) accumulation and tissue distribution in loggerhead turtles (<i>Caretta caretta</i>) from the Western Mediterranean Sea (southern Italy). <i>Chemosphere</i> , 2005 , 58, 535-42	8.4	69
26	Interannual patterns of variation in concentrations of trace elements in arms of <i>Octopus vulgaris</i> . <i>Chemosphere</i> , 2005 , 59, 1113-24	8.4	40
25	Bioaccumulation of PCBs in the cuttlefish <i>Sepia officinalis</i> from seawater, sediment and food pathways. <i>Environmental Pollution</i> , 2005 , 134, 113-22	9.3	21
24	Bioaccumulation of PCBs in the sea urchin <i>Paracentrotus lividus</i> : seawater and food exposures to a ¹⁴ C-radiolabelled congener (PCB#153). <i>Environmental Pollution</i> , 2005 , 135, 11-6	9.3	16
23	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, 109-20	9.3	37
22	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	10.2	97
21	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, 113-22	10.2	39
20	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	23
19	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	2.6	40
18	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	2.6	48
17	Interspecific and geographical variations of trace element concentrations in Pectinidae from European waters. <i>Chemosphere</i> , 2004 , 57, 1355-62	8.4	38
16	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	1.5	14
15	Trace element bioaccumulation in grey seals <i>Halichoerus grypus</i> from the Faroe Islands. <i>Marine Ecology - Progress Series</i> , 2004 , 267, 291-301	2.6	27
14	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	2	35
13	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	10.2	129
12	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, 263-71	9.3	60
11	Delineation of PCB uptake pathways in a benthic sea star using a radiolabelled congener. <i>Marine Ecology - Progress Series</i> , 2003 , 253, 155-163	2.6	14

10	Concentration and distribution of ^{210}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, 997-1007	6.7	42
9	Cadmium detoxification processes in the digestive gland of cephalopods in relation to accumulated cadmium concentrations. <i>Marine Environmental Research</i> , 2002 , 53, 227-41	3.3	109
8	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	2.6	70
7	Cadmium-containing granules in kidney tissue of the Atlantic white-sided dolphin (<i>Lagenorhynchus acutus</i>) off the Faroe Islands. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2001 , 130, 389-95	3.2	10
6	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	6.7	85
5	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	6.7	91
4	Cadmium, copper and zinc in octopuses from Kerguelen Islands, Southern Indian Ocean. <i>Polar Biology</i> , 1998 , 19, 264-271	2	72
3	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	10.2	242
2	Effects of increased pCO_2 and temperature on trace element (Ag, Cd and Zn) bioaccumulation in the eggs of the common cuttlefish, <i>Sepia officinalis</i>	4	
1	Sexual segregation in a highly pagophilic and sexually dimorphic marine predator		1