

Krishna Das

List of Publications by Year in descending order

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110
papers

4,428
citations

94433

37
h-index

118850

62
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114
all docs

114
docs citations

114
times ranked

4505
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of Dietary Mercury Determined by Mercury Speciation and Isotopic Composition in <i>Dicentrarchus labrax</i> . <i>Frontiers in Environmental Chemistry</i> , 2022, 3, .	1.6	2
2	Habitat and resource segregation of two sympatric seals in the North Sea. <i>Science of the Total Environment</i> , 2021, 764, 142842.	8.0	5
3	Methylmercury displays pro-adipogenic properties in rainbow trout preadipocytes. <i>Chemosphere</i> , 2021, 263, 127917.	8.2	7
4	Preliminary study of oxidative stress biomarkers and trace elements in North Sea Harbour Seals. <i>Marine Pollution Bulletin</i> , 2021, 163, 111905.	5.0	1
5	Inorganic mercury effects on biomarker gene expressions of a freshwater amphipod at two temperatures. <i>Ecotoxicology and Environmental Safety</i> , 2021, 209, 111815.	6.0	3
6	The Baltic Sea: An ecosystem with multiple stressors. <i>Environment International</i> , 2021, 147, 106324.	10.0	12
7	The Irrawaddy dolphin, <i>Orcaella brevirostris</i> from the Mekong river Cambodia: Preliminary health and toxicological investigations. <i>Aquatic Toxicology</i> , 2021, 234, 105812.	4.0	1
8	First record of plastic debris in the stomach of a hooded seal pup from the Greenland Sea. <i>Marine Pollution Bulletin</i> , 2021, 167, 112350.	5.0	13
9	Factors affecting mercury concentrations in two oceanic cephalopods of commercial interest from the southern Caribbean. <i>Marine Pollution Bulletin</i> , 2021, 168, 112408.	5.0	1
10	Contamination levels and habitat use influence Hg accumulation and stable isotope ratios in the European seabass <i>Dicentrarchus labrax</i> . <i>Environmental Pollution</i> , 2021, 281, 117008.	7.5	16
11	Factors that influence trace element levels in blood and feathers of <i>Pygoscelis</i> penguins from South Shetland Islands, Antarctica. <i>Environmental Pollution</i> , 2021, 284, 117209.	7.5	8
12	Humpback whales (<i>Megaptera novaeangliae</i>) breeding off Mozambique and Ecuador show geographic variation of persistent organic pollutants and isotopic niches. <i>Environmental Pollution</i> , 2020, 267, 115575.	7.5	11
13	Total tin (TSn) biomagnification: Evaluating organotin trophic flow and dispersion using hepatic TSn concentrations and stable isotope (C, N) data of nektonic organisms from Brazil. <i>Marine Environmental Research</i> , 2020, 161, 105063.	2.5	5
14	Stable isotope ratios of carbon, nitrogen and sulphur and mercury concentrations as descriptors of trophic ecology and contamination sources of Mediterranean whales. <i>Chemosphere</i> , 2019, 237, 124448.	8.2	26
15	High pollutant exposure level of the largest European community of bottlenose dolphins in the English Channel. <i>Scientific Reports</i> , 2019, 9, 12521.	3.3	12
16	Occurrence of legacy and emerging organic pollutants in whitemouth croakers from Southeastern Brazil. <i>Science of the Total Environment</i> , 2019, 682, 719-728.	8.0	10
17	Supporting evidence for PCB pollution threatening global killer whale population. <i>Aquatic Toxicology</i> , 2019, 206, 102-104.	4.0	14
18	Changes in stable isotope compositions during fasting in phocid seals. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 176-184.	1.5	5

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19	Transcriptional effects of phospholipid fatty acid profile on rainbow trout liver cells exposed to methylmercury. <i>Aquatic Toxicology</i> , 2018, 199, 174-187.	4.0	13
20	Use of multielement stable isotope ratios to investigate ontogenetic movements of <i>Micropogonias furnieri</i> in a tropical Brazilian estuary. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2018, 75, 977-986.	1.4	6
21	Inter-individual differences in contamination profiles as tracer of social group association in stranded sperm whales. <i>Scientific Reports</i> , 2018, 8, 10958.	3.3	5
22	Ecotoxicological Biomarkers and Accumulation of Contaminants in Pinnipeds. , 2018, , 261-289.		7
23	Post-embryonic development of sheepshead minnow <i>Cyprinodon variegatus</i> : a staging tool based on externally visible anatomical traits. <i>Ichthyological Research</i> , 2017, 64, 29-36.	0.8	5
24	Linking pollutant exposure of humpback whales breeding in the Indian Ocean to their feeding habits and feeding areas off Antarctica. <i>Environmental Pollution</i> , 2017, 220, 1090-1099.	7.5	24
25	Morphology of the filtration apparatus of three planktivorous fishes and relation with ingested anthropogenic particles. <i>Marine Pollution Bulletin</i> , 2017, 116, 182-191.	5.0	100
26	Metals as chemical tracers to discriminate ecological populations of threatened Franciscana dolphins (<i>Pontoporia blainvillei</i>) from Argentina. <i>Environmental Science and Pollution Research</i> , 2017, 24, 3940-3950.	5.3	16
27	Isotopic niches of fin whales from the Mediterranean Sea and the Celtic Sea (North Atlantic). <i>Marine Environmental Research</i> , 2017, 127, 75-83.	2.5	16
28	Mercury Stable Isotopes Discriminate Different Populations of European Seabass and Trace Potential Hg Sources around Europe. <i>Environmental Science & Technology</i> , 2017, 51, 12219-12228.	10.0	27
29	Microplastics in livers of European anchovies (<i>Engraulis encrasicolus</i> , L.). <i>Environmental Pollution</i> , 2017, 229, 1000-1005.	7.5	304
30	Carbon, nitrogen and sulphur isotopic fractionation in captive juvenile hooded seal (<i>Cystophora cristata</i>): Application for diet analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1720-1728.	1.5	5
31	Spatial variation in the accumulation of POPs and mercury in bottlenose dolphins of the Lower Florida Keys and the coastal Everglades (South Florida). <i>Environmental Pollution</i> , 2017, 220, 577-587.	7.5	27
32	Microplastics Contamination in Three Planktivorous and Commercial Fish Species. , 2017, , 113-114.		1
33	Seasonal Variation of Harbor Seal's Diet from the Wadden Sea in Relation to Prey Availability. <i>PLoS ONE</i> , 2016, 11, e0155727.	2.5	22
34	The role of metallothioneins, selenium and transfer to offspring in mercury detoxification in Franciscana dolphins (<i>Pontoporia blainvillei</i>). <i>Marine Pollution Bulletin</i> , 2016, 109, 650-654.	5.0	20
35	Absence of selenium protection against methylmercury toxicity in harbour seal leucocytes in vitro. <i>Marine Pollution Bulletin</i> , 2016, 108, 70-76.	5.0	13
36	Guiana Dolphins (<i>Sotalia guianensis</i>) and DR-CALUX for Screening Coastal Brazilian Environments for Dioxins and Related Compounds. <i>Archives of Environmental Contamination and Toxicology</i> , 2016, 71, 336-346.	4.1	5

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37	Triclosan exposure results in alterations of thyroid hormone status and retarded early development and metamorphosis in <i>Cyprinodon variegatus</i> . <i>Aquatic Toxicology</i> , 2016, 181, 1-10.	4.0	37
38	Contrasted accumulation patterns of persistent organic pollutants and mercury in sympatric tropical dolphins from the south-western Indian Ocean. <i>Environmental Research</i> , 2016, 146, 263-273.	7.5	25
39	Toxicokinetics of selenium in the slider turtle, <i>Trachemys scripta</i> . <i>Ecotoxicology</i> , 2016, 25, 727-744.	2.4	8
40	The thyroid gland and thyroid hormones in sheepshead minnow (<i>Cyprinodon variegatus</i>) during early development and metamorphosis. <i>Fish Physiology and Biochemistry</i> , 2016, 42, 607-616.	2.3	11
41	Xenobiotic and Immune-Relevant Molecular Biomarkers in Harbor Seals as Proxies for Pollutant Burden and Effects. <i>Archives of Environmental Contamination and Toxicology</i> , 2016, 70, 106-120.	4.1	21
42	Effects of Methylmercury on Harbour Seal Peripheral Blood Leucocytes In Vitro Studied by Electron Microscopy. <i>Archives of Environmental Contamination and Toxicology</i> , 2016, 70, 133-142.	4.1	8
43	Estrogenic Evaluation and Organochlorine Identification in Blubber of North Sea Harbour Porpoise (<i>Phocoena phocoena</i>) Stranded on the North Sea Coast. <i>BioMed Research International</i> , 2015, 2015, 1-13.	1.9	7
44	Maternal transfer of organohalogenated compounds in sharks and stingrays. <i>Marine Pollution Bulletin</i> , 2015, 92, 59-68.	5.0	16
45	Bioaccumulation of organohalogenated compounds in sharks and rays from the southeastern USA. <i>Environmental Research</i> , 2015, 137, 199-207.	7.5	29
46	POPs in free-ranging pilot whales, sperm whales and fin whales from the Mediterranean Sea: Influence of biological and ecological factors. <i>Environmental Research</i> , 2015, 142, 185-196.	7.5	61
47	Pollutant exposure in green and hawksbill marine turtles from the Caribbean region. <i>Regional Studies in Marine Science</i> , 2015, 2, 158-170.	0.7	24
48	Detection of Anthropogenic Particles in Fish Stomachs: An Isolation Method Adapted to Identification by Raman Spectroscopy. <i>Archives of Environmental Contamination and Toxicology</i> , 2015, 69, 331-339.	4.1	229
49	Assessment of contaminant levels and trophic relations at a World Heritage Site by measurements in a characteristic shorebird species. <i>Environmental Research</i> , 2015, 136, 163-172.	7.5	2
50	Diurnal and Seasonal Variation in the Behaviour of Bottlenose Dolphins (<i>Tursiops truncatus</i>) in Bah��a San Antonio, Patagonia, Argentina. <i>Aquatic Mammals</i> , 2015, 41, 272-283.	0.7	12
51	Metallothioneins pattern during ontogeny of coastal dolphin, <i>Pontoporia blainvillei</i> , from Argentina. <i>Marine Pollution Bulletin</i> , 2014, 80, 275-281.	5.0	21
52	Mobilisation of lipophilic pollutants from blubber in northern elephant seal pups (<i>Mirounga tjonia</i>). <i>Environmental Research</i> , 2014, 135, 142-150.	7.5	30
53	Diet of harbor porpoises along the Dutch coast: A combined stable isotope and stomach contents approach. <i>Marine Mammal Science</i> , 2013, 29, E295.	1.8	23
54	Changes in trace elements during lactation in a marine top predator, the grey seal. <i>Aquatic Toxicology</i> , 2013, 126, 455-466.	4.0	40

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55	Relationships between in vitro lymphoproliferative responses and levels of contaminants in blood of free-ranging adult harbour seals (<i>Phoca vitulina</i>) from the North Sea. <i>Aquatic Toxicology</i> , 2013, 142-143, 210-220.	4.0	15
56	Factors Influencing the Bioaccumulation of Persistent Organic Pollutants in Food Webs of the Scheldt Estuary. <i>Environmental Science & Technology</i> , 2013, 47, 11221-11231.	10.0	38
57	Effects of polychlorobiphenyls, polybromodiphenylethers, organochlorine pesticides and their metabolites on vitamin A status in lactating grey seals. <i>Environmental Research</i> , 2013, 120, 18-26.	7.5	31
58	High accumulation of PCDD, PCDF, and PCB congeners in marine mammals from Brazil: A serious PCB problem. <i>Science of the Total Environment</i> , 2013, 463-464, 309-318.	8.0	45
59	Application of Bayesian Population Physiologically Based Pharmacokinetic (PBPK) Modeling and Markov Chain Monte Carlo Simulations to Pesticide Kinetics Studies in Protected Marine Mammals: DDT, DDE, and DDD in Harbor Porpoises. <i>Environmental Science & Technology</i> , 2013, 47, 4365-4374.	10.0	28
60	Trophic Relationships and Habitat Preferences of Delphinids from the Southeastern Brazilian Coast Determined by Carbon and Nitrogen Stable Isotope Composition. <i>PLoS ONE</i> , 2013, 8, e82205.	2.5	44
61	Feeding ecology of harbour porpoises: stable isotope analysis of carbon and nitrogen in muscle and bone. <i>Marine Biology Research</i> , 2012, 8, 829-841.	0.7	14
62	Trophic relationships and mercury biomagnification in Brazilian tropical coastal food webs. <i>Ecological Indicators</i> , 2012, 18, 291-302.	6.3	123
63	Selective transfer of persistent organic pollutants and their metabolites in grey seals during lactation. <i>Environment International</i> , 2012, 46, 6-15.	10.0	55
64	How are trace elements mobilized during the postweaning fast in Northern elephant seals?. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 2354-2365.	4.3	14
65	Environmental factors affecting thyroid function of wild sea bass (<i>Dicentrarchus labrax</i>) from European coasts. <i>Chemosphere</i> , 2012, 87, 1009-1017.	8.2	19
66	Computational toxicology: Physiologically based pharmacokinetic models (PBPK) for lifetime exposure and bioaccumulation of polybrominated diphenyl ethers (PBDEs) in marine mammals. <i>Environmental Pollution</i> , 2012, 163, 134-141.	7.5	17
67	Cadmium toxicokinetics and bioaccumulation in turtles: trophic exposure of <i>Trachemys scripta elegans</i> . <i>Ecotoxicology</i> , 2012, 21, 18-26.	2.4	30
68	Thyroid dysfunction in sea bass (<i>Dicentrarchus labrax</i>): Underlying mechanisms and effects of polychlorinated biphenyls on thyroid hormone physiology and metabolism. <i>Aquatic Toxicology</i> , 2011, 105, 438-447.	4.0	30
69	A non-invasive approach to study lifetime exposure and bioaccumulation of PCBs in protected marine mammals: PBPK modeling in harbor porpoises. <i>Toxicology and Applied Pharmacology</i> , 2011, 256, 136-145.	2.8	19
70	Organochlorine pesticides, polychlorinated biphenyls and trace elements in wild European sea bass (<i>Dicentrarchus labrax</i>) off European estuaries. <i>Science of the Total Environment</i> , 2011, 409, 3680-3686.	8.0	35
71	Toothed whales in the northwestern Mediterranean: Insight into their feeding ecology using chemical tracers. <i>Marine Pollution Bulletin</i> , 2011, 62, 1058-1065.	5.0	36
72	Blood dynamics of mercury and selenium in northern elephant seals during the lactation period. <i>Environmental Pollution</i> , 2011, 159, 2523-2529.	7.5	42

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73	Stable isotopes of captive cetaceans (killer whales and bottlenose dolphins). <i>Journal of Experimental Biology</i> , 2011, 214, 538-545.	1.7	78
74	Occurrence of anthropogenic and naturally-produced organohalogenated compounds in tissues of Black Sea harbour porpoises. <i>Marine Pollution Bulletin</i> , 2010, 60, 725-731.	5.0	34
75	Persistent organic pollutants and methoxylated PBDEs in harbour porpoises from the North Sea from 1990 until 2008: Young wildlife at risk?. <i>Science of the Total Environment</i> , 2010, 409, 228-237.	8.0	46
76	Assessment of gestation, lactation and fasting on stable isotope ratios in northern elephant seals (<i>Mirounga angustirostris</i>). <i>Marine Mammal Science</i> , 2010, 26, 880-895.	1.8	62
77	Physiologically Based Pharmacokinetic (PBPK) Models for Lifetime Exposure to PCB 153 in Male and Female Harbor Porpoises (<i>Phocoena phocoena</i>): Model Development and Evaluation. <i>Environmental Science & Technology</i> , 2010, 44, 7023-7030.	10.0	38
78	Anthropogenic and naturally-produced organobrominated compounds in marine mammals from Brazil. <i>Environment International</i> , 2010, 36, 60-67.	10.0	98
79	Maternal transfer of chlorinated contaminants in the leatherback turtles, <i>Dermochelys coriacea</i> , nesting in French Guiana. <i>Chemosphere</i> , 2010, 79, 720-726.	8.2	64
80	Modelling the habitat suitability of cetaceans: Example of the sperm whale in the northwestern Mediterranean Sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2009, 56, 648-657.	1.4	81
81	Concentrations of chlorinated and brominated contaminants and their metabolites in serum of harbour seals and harbour porpoises. <i>Environment International</i> , 2009, 35, 842-850.	10.0	67
82	Biomagnification of naturally-produced methoxylated polybrominated diphenyl ethers (MeO-PBDEs) in harbour seals and harbour porpoises from the Southern North Sea. <i>Environment International</i> , 2009, 35, 893-899.	10.0	59
83	Inter-species differences for polychlorinated biphenyls and polybrominated diphenyl ethers in marine top predators from the Southern North Sea: Part 1. Accumulation patterns in harbour seals and harbour porpoises. <i>Environmental Pollution</i> , 2009, 157, 437-444.	7.5	88
84	Inter-species differences for polychlorinated biphenyls and polybrominated diphenyl ethers in marine top predators from the Southern North Sea: Part 2. Biomagnification in harbour seals and harbour porpoises. <i>Environmental Pollution</i> , 2009, 157, 445-451.	7.5	34
85	Distribution of trace elements in organs of six species of cetaceans from the Ligurian Sea (Mediterranean), and the relationship with stable carbon and nitrogen ratios. <i>Science of the Total Environment</i> , 2008, 390, 569-578.	8.0	78
86	Effects of persistent organic pollutants on the thyroid function of the European sea bass (<i>Dicentrarchus labrax</i>) from the Aegean sea, is it an endocrine disruption?. <i>Marine Pollution Bulletin</i> , 2008, 56, 1755-1764.	5.0	36
87	Mercury immune toxicity in harbour seals: links to in vitro toxicity. <i>Environmental Health</i> , 2008, 7, 52.	4.0	68
88	Maternal transfer of trace elements in leatherback turtles (<i>Dermochelys coriacea</i>) of French Guiana. <i>Aquatic Toxicology</i> , 2008, 88, 267-276.	4.0	113
89	High Accumulation of Perfluorooctane Sulfonate (PFOS) in Marine Tucuxi Dolphins (<i>Sotalia</i>)	10.6	54
90	HARBOR PORPOISE THYROIDS: HISTOLOGIC INVESTIGATIONS AND POTENTIAL INTERACTIONS WITH ENVIRONMENTAL FACTORS. <i>Journal of Wildlife Diseases</i> , 2008, 44, 888-901.	0.8	21

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91	Isotope Analysis Reveals Foraging Area Dichotomy for Atlantic Leatherback Turtles. PLoS ONE, 2008, 3, e1845.	2.5	67
92	Occurrence of Perfluorooctane Sulfonate and Other Perfluorinated Alkylated Substances in Harbor Porpoises from the Black Sea. Environmental Science & Technology, 2007, 41, 315-320.	10.0	76
93	Long-term feeding ecology and habitat use in harbour porpoises <i>Phocoena phocoena</i> from Scandinavian waters inferred from trace elements and stable isotopes. BMC Ecology, 2007, 7, 1.	3.0	37
94	Zn, Cu, Cd and Hg binding to metallothioneins in harbour porpoises <i>Phocoena phocoena</i> from the southern North Sea. BMC Ecology, 2006, 6, 2.	3.0	29
95	Interfollicular Fibrosis in the Thyroid of the Harbour Porpoise: An Endocrine Disruption?. Archives of Environmental Contamination and Toxicology, 2006, 51, 720-729.	4.1	79
96	Tissue Distribution of Perfluorinated Chemicals in Harbor Seals (<i>Phoca vitulina</i>) from the Dutch Wadden Sea. Environmental Science & Technology, 2005, 39, 6978-6984.	10.0	94
97	Feeding ecology of five commercial shark species of the Celtic Sea through stable isotope and trace metal analysis. Marine Environmental Research, 2005, 60, 551-569.	2.5	139
98	Long-term dietary segregation of common dolphins <i>Delphinus delphis</i> in the Bay of Biscay, determined using cadmium as an ecological tracer. Marine Ecology - Progress Series, 2005, 305, 275-285.	1.9	55
99	Commensal vs. parasitic relationship between Carapini fish and their hosts: some further insight through $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ measurements. Journal of Experimental Marine Biology and Ecology, 2004, 310, 47-58.	1.5	41
100	Baseline study of perfluorochemicals in harbour porpoises (<i>Phocoena phocoena</i>) from Northern Europe. Marine Pollution Bulletin, 2004, 48, 992-997.	5.0	36
101	Endocrine-Disrupting Compounds and Mixtures: Unexpected Dose-Response. Archives of Environmental Contamination and Toxicology, 2004, 46, 265-269.	4.1	25
102	Trace metal and stable isotope measurements ($\delta^{13}\text{C}$ and $\delta^{15}\text{N}$) in the harbour porpoise <i>Phocoena phocoena relicta</i> from the Black Sea. Environmental Pollution, 2004, 131, 197-204.	7.5	50
103	Ecological and pathological factors related to trace metal concentrations in harbour porpoises <i>Phocoena phocoena</i> from the North Sea and adjacent areas. Marine Ecology - Progress Series, 2004, 281, 283-295.	1.9	59
104	Perfluorinated Chemicals Infiltrate Ocean Waters: A Link between Exposure Levels and Stable Isotope Ratios in Marine Mammals. Environmental Science & Technology, 2003, 37, 5545-5550.	10.0	108
105	Levels and Enantiomeric Signatures of Methyl Sulfonyl PCB and DDE Metabolites in Livers of Harbor Porpoises (<i>Phocoena phocoena</i>) from the Southern North Sea. Environmental Science & Technology, 2003, 37, 4573-4578.	10.0	27
106	Marine mammals from northeast atlantic: relationship between their trophic status as determined by $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ measurements and their trace metal concentrations. Marine Environmental Research, 2003, 56, 349-365.	2.5	96
107	Marine mammals from the southern North Sea: feeding ecology data from $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ measurements. Marine Ecology - Progress Series, 2003, 263, 287-298.	1.9	96
108	White-sided dolphin metallothioneins: purification, characterisation and potential role. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2002, 131, 245-251.	2.6	14

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109	Determination of organohalogenated contaminants in liver of harbour porpoises (Phocoena Tj ETQq1 1 0.784314 ggBT /Overlock 10	5.0	47
110	Tuna and Dolphin Associations in the North-east Atlantic: Evidence of Different Ecological Niches from Stable Isotope and Heavy Metal Measurements. Marine Pollution Bulletin, 2000, 40, 102-109.	5.0	124