

# Krishna Das

## List of Publications by Year in descending order

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110  
papers

4,428  
citations

94269

37  
h-index

118652

62  
g-index

114  
all docs

114  
docs citations

114  
times ranked

4505  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microplastics in livers of European anchovies ( <i>Engraulis encrasicolus</i> , L.). <i>Environmental Pollution</i> , 2017, 229, 1000-1005.	3.7	304
2	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.	2.1	229
3	Feeding ecology of five commercial shark species of the Celtic Sea through stable isotope and trace metal analysis. <i>Marine Environmental Research</i> , 2005, 60, 551-569.	1.1	139
4	Tuna and Dolphin Associations in the North-east Atlantic: Evidence of Different Ecological Niches from Stable Isotope and Heavy Metal Measurements. <i>Marine Pollution Bulletin</i> , 2000, 40, 102-109.	2.3	124
5	Trophic relationships and mercury biomagnification in Brazilian tropical coastal food webs. <i>Ecological Indicators</i> , 2012, 18, 291-302.	2.6	123
6	Maternal transfer of trace elements in leatherback turtles ( <i>Dermochelys coriacea</i> ) of French Guiana. <i>Aquatic Toxicology</i> , 2008, 88, 267-276.	1.9	113
7	Perfluorinated Chemicals Infiltrate Ocean Waters: A Link between Exposure Levels and Stable Isotope Ratios in Marine Mammals. <i>Environmental Science &amp; Technology</i> , 2003, 37, 5545-5550.	4.6	108
8	Morphology of the filtration apparatus of three planktivorous fishes and relation with ingested anthropogenic particles. <i>Marine Pollution Bulletin</i> , 2017, 116, 182-191.	2.3	100
9	Anthropogenic and naturally-produced organobrominated compounds in marine mammals from Brazil. <i>Environment International</i> , 2010, 36, 60-67.	4.8	98
10	Marine mammals from northeast atlantic: relationship between their trophic status as determined by $\delta^{13}C$ and $\delta^{15}N$ measurements and their trace metal concentrations. <i>Marine Environmental Research</i> , 2003, 56, 349-365.	1.1	96
11	Marine mammals from the southern North Sea: feeding ecology data from $\delta^{13}C$ and $\delta^{15}N$ measurements. <i>Marine Ecology - Progress Series</i> , 2003, 263, 287-298.	0.9	96
12	Tissue Distribution of Perfluorinated Chemicals in Harbor Seals ( <i>Phoca vitulina</i> ) from the Dutch Wadden Sea. <i>Environmental Science &amp; Technology</i> , 2005, 39, 6978-6984.	4.6	94
13	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.	3.7	88
14	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.	0.6	81
15	Interfollicular Fibrosis in the Thyroid of the Harbour Porpoise: An Endocrine Disruption?. <i>Archives of Environmental Contamination and Toxicology</i> , 2006, 51, 720-729.	2.1	79
16	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.	3.9	78
17	Stable isotopes of captive cetaceans (killer whales and bottlenose dolphins). <i>Journal of Experimental Biology</i> , 2011, 214, 538-545.	0.8	78
18	Occurrence of Perfluorooctane Sulfonate and Other Perfluorinated Alkylated Substances in Harbor Porpoises from the Black Sea. <i>Environmental Science &amp; Technology</i> , 2007, 41, 315-320.	4.6	76

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19	Mercury immune toxicity in harbour seals: links to in vitro toxicity. <i>Environmental Health</i> , 2008, 7, 52.	1.7	68
20	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.	4.8	67
21	Isotope Analysis Reveals Foraging Area Dichotomy for Atlantic Leatherback Turtles. <i>PLoS ONE</i> , 2008, 3, e1845.	1.1	67
22	Maternal transfer of chlorinated contaminants in the leatherback turtles, <i>Dermochelys coriacea</i> , nesting in French Guiana. <i>Chemosphere</i> , 2010, 79, 720-726.	4.2	64
23	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.	0.9	62
24	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.	3.7	61
25	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.	4.8	59
26	Ecological and pathological factors related to trace metal concentrations in harbour porpoises <i>Phocoena phocoena</i> from the North Sea and adjacent areas. <i>Marine Ecology - Progress Series</i> , 2004, 281, 283-295.	0.9	59
27	Selective transfer of persistent organic pollutants and their metabolites in grey seals during lactation. <i>Environment International</i> , 2012, 46, 6-15.	4.8	55
28	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.	0.9	55
29	High Accumulation of Perfluorooctane Sulfonate (PFOS) in Marine Tucuxi Dolphins ( <i>Sotalia</i> )	4.6	54
30	Trace metal and stable isotope measurements ( $\delta^{13}C$ and $\delta^{15}N$ ) in the harbour porpoise <i>Phocoena phocoena relicta</i> from the Black Sea. <i>Environmental Pollution</i> , 2004, 131, 197-204.	3.7	50
31	Determination of organohalogenated contaminants in liver of harbour porpoises ( <i>Phocoena</i> )	2.3	47
32	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.	3.9	46
33	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.	3.9	45
34	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.	1.1	44
35	Blood dynamics of mercury and selenium in northern elephant seals during the lactation period. <i>Environmental Pollution</i> , 2011, 159, 2523-2529.	3.7	42
36	Commensal vs. parasitic relationship between Carapini fish and their hosts: some further insight through $\delta^{13}C$ and $\delta^{15}N$ measurements. <i>Journal of Experimental Marine Biology and Ecology</i> , 2004, 310, 47-58.	0.7	41

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37	Changes in trace elements during lactation in a marine top predator, the grey seal. <i>Aquatic Toxicology</i> , 2013, 126, 455-466.	1.9	40
38	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 &amp; Technology</i> , 2010, 44, 7023-7030.	4.6	38
39	Factors Influencing the Bioaccumulation of Persistent Organic Pollutants in Food Webs of the Scheldt Estuary. <i>Environmental Science &amp; Technology</i> , 2013, 47, 11221-11231.	4.6	38
40	Long-term feeding ecology and habitat use in harbour porpoises <i>Phocoena phocoena</i> from Scandinavian waters inferred from trace elements and stable isotopes. <i>BMC Ecology</i> , 2007, 7, 1.	3.0	37
41	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.	1.9	37
42	Baseline study of perfluorochemicals in harbour porpoises ( <i>Phocoena phocoena</i> ) from Northern Europe. <i>Marine Pollution Bulletin</i> , 2004, 48, 992-997.	2.3	36
43	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.	2.3	36
44	Toothed whales in the northwestern Mediterranean: Insight into their feeding ecology using chemical tracers. <i>Marine Pollution Bulletin</i> , 2011, 62, 1058-1065.	2.3	36
45	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.	3.9	35
46	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.	3.7	34
47	Occurrence of anthropogenic and naturally-produced organohalogenated compounds in tissues of Black Sea harbour porpoises. <i>Marine Pollution Bulletin</i> , 2010, 60, 725-731.	2.3	34
48	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.	3.7	31
49	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.	1.9	30
50	Cadmium toxicokinetics and bioaccumulation in turtles: trophic exposure of <i>Trachemys scripta elegans</i> . <i>Ecotoxicology</i> , 2012, 21, 18-26.	1.1	30
51	Mobilisation of lipophilic pollutants from blubber in northern elephant seal pups ( <i>Mirounga</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T55	3.7	30
52	Zn, Cu, Cd and Hg binding to metallothioneins in harbour porpoises <i>Phocoena phocoena</i> from the southern North Sea. <i>BMC Ecology</i> , 2006, 6, 2.	3.0	29
53	Bioaccumulation of organohalogenated compounds in sharks and rays from the southeastern USA. <i>Environmental Research</i> , 2015, 137, 199-207.	3.7	29
54	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 &amp; Technology</i> , 2013, 47, 4365-4374.	4.6	28

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55	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. <i>Environmental Science &amp; Technology</i> , 2003, 37, 4573-4578.	4.6	27
56	Mercury Stable Isotopes Discriminate Different Populations of European Seabass and Trace Potential Hg Sources around Europe. <i>Environmental Science &amp; Technology</i> , 2017, 51, 12219-12228.	4.6	27
57	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.	3.7	27
58	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.	4.2	26
59	Endocrine-Disrupting Compounds and Mixtures: Unexpected Dose-Response. <i>Archives of Environmental Contamination and Toxicology</i> , 2004, 46, 265-269.	2.1	25
60	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.	3.7	25
61	Pollutant exposure in green and hawksbill marine turtles from the Caribbean region. <i>Regional Studies in Marine Science</i> , 2015, 2, 158-170.	0.4	24
62	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.	3.7	24
63	Diet of harbor porpoises along the Dutch coast: A combined stable isotope and stomach contents approach. <i>Marine Mammal Science</i> , 2013, 29, E295.	0.9	23
64	Seasonal Variation of Harbor Seal's Diet from the Wadden Sea in Relation to Prey Availability. <i>PLoS ONE</i> , 2016, 11, e0155727.	1.1	22
65	HARBOR PORPOISE THYROIDS: HISTOLOGIC INVESTIGATIONS AND POTENTIAL INTERACTIONS WITH ENVIRONMENTAL FACTORS. <i>Journal of Wildlife Diseases</i> , 2008, 44, 888-901.	0.3	21
66	Metallothioneins pattern during ontogeny of coastal dolphin, <i>Pontoporia blainvillei</i> , from Argentina. <i>Marine Pollution Bulletin</i> , 2014, 80, 275-281.	2.3	21
67	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.	2.1	21
68	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.	2.3	20
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.	1.3	19
70	Environmental factors affecting thyroid function of wild sea bass ( <i>Dicentrarchus labrax</i> ) from European coasts. <i>Chemosphere</i> , 2012, 87, 1009-1017.	4.2	19
71	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.	3.7	17
72	Maternal transfer of organohalogenated compounds in sharks and stingrays. <i>Marine Pollution Bulletin</i> , 2015, 92, 59-68.	2.3	16

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73	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.	2.7	16
74	Isotopic niches of fin whales from the Mediterranean Sea and the Celtic Sea (North Atlantic). <i>Marine Environmental Research</i> , 2017, 127, 75-83.	1.1	16
75	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.	3.7	16
76	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.	1.9	15
77	White-sided dolphin metallothioneins: purification, characterisation and potential role. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2002, 131, 245-251.	1.3	14
78	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.	0.3	14
79	How are trace elements mobilized during the postweaning fast in Northern elephant seals?. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 2354-2365.	2.2	14
80	Supporting evidence for PCB pollution threatening global killer whale population. <i>Aquatic Toxicology</i> , 2019, 206, 102-104.	1.9	14
81	Absence of selenium protection against methylmercury toxicity in harbour seal leucocytes in vitro. <i>Marine Pollution Bulletin</i> , 2016, 108, 70-76.	2.3	13
82	Transcriptional effects of phospholipid fatty acid profile on rainbow trout liver cells exposed to methylmercury. <i>Aquatic Toxicology</i> , 2018, 199, 174-187.	1.9	13
83	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.	2.3	13
84	High pollutant exposure level of the largest European community of bottlenose dolphins in the English Channel. <i>Scientific Reports</i> , 2019, 9, 12521.	1.6	12
85	The Baltic Sea: An ecosystem with multiple stressors. <i>Environment International</i> , 2021, 147, 106324.	4.8	12
86	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.	0.4	12
87	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.	0.9	11
88	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.	3.7	11
89	Occurrence of legacy and emerging organic pollutants in whitemouth croakers from Southeastern Brazil. <i>Science of the Total Environment</i> , 2019, 682, 719-728.	3.9	10
90	Toxicokinetics of selenium in the slider turtle, <i>Trachemys scripta</i> . <i>Ecotoxicology</i> , 2016, 25, 727-744.	1.1	8

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91	Effects of Methylmercury on Harbour Seal Peripheral Blood Leucocytes In Vitro Studied by Electron Microscopy. Archives of Environmental Contamination and Toxicology, 2016, 70, 133-142.	2.1	8
92	Factors that influence trace element levels in blood and feathers of Pygoscelis penguins from South Shetland Islands, Antarctica. Environmental Pollution, 2021, 284, 117209.	3.7	8
93	Estrogenic Evaluation and Organochlorine Identification in Blubber of North Sea Harbour Porpoise ( <i>Phocoena phocoena</i> ) Stranded on the North Sea Coast. BioMed Research International, 2015, 2015, 1-13.	0.9	7
94	Ecotoxicological Biomarkers and Accumulation of Contaminants in Pinnipeds. , 2018, , 261-289.		7
95	Methylmercury displays pro-adipogenic properties in rainbow trout preadipocytes. Chemosphere, 2021, 263, 127917.	4.2	7
96	Use of multielement stable isotope ratios to investigate ontogenetic movements of <i>Micropogonias furnieri</i> in a tropical Brazilian estuary. Canadian Journal of Fisheries and Aquatic Sciences, 2018, 75, 977-986.	0.7	6
97	Guiana Dolphins ( <i>Sotalia guianensis</i> ) and DR-CALUX for Screening Coastal Brazilian Environments for Dioxins and Related Compounds. Archives of Environmental Contamination and Toxicology, 2016, 71, 336-346.	2.1	5
98	Post-embryonic development of sheepshead minnow <i>Cyprinodon variegatus</i> : a staging tool based on externally visible anatomical traits. Ichthyological Research, 2017, 64, 29-36.	0.5	5
99	Carbon, nitrogen and sulphur isotopic fractionation in captive juvenile hooded seal ( <i>Cystophora cristata</i> ): Application for diet analysis. Rapid Communications in Mass Spectrometry, 2017, 31, 1720-1728.	0.7	5
100	Inter-individual differences in contamination profiles as tracer of social group association in stranded sperm whales. Scientific Reports, 2018, 8, 10958.	1.6	5
101	Changes in stable isotope compositions during fasting in phocid seals. Rapid Communications in Mass Spectrometry, 2019, 33, 176-184.	0.7	5
102	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. Marine Environmental Research, 2020, 161, 105063.	1.1	5
103	Habitat and resource segregation of two sympatric seals in the North Sea. Science of the Total Environment, 2021, 764, 142842.	3.9	5
104	Inorganic mercury effects on biomarker gene expressions of a freshwater amphipod at two temperatures. Ecotoxicology and Environmental Safety, 2021, 209, 111815.	2.9	3
105	Assessment of contaminant levels and trophic relations at a World Heritage Site by measurements in a characteristic shorebird species. Environmental Research, 2015, 136, 163-172.	3.7	2
106	Dynamics of Dietary Mercury Determined by Mercury Speciation and Isotopic Composition in <i>Dicentrarchus labrax</i> . Frontiers in Environmental Chemistry, 2022, 3, .	0.7	2
107	Microplastics Contamination in Three Planktivorous and Commercial Fish Species. , 2017, , 113-114.		1
108	Preliminary study of oxidative stress biomarkers and trace elements in North Sea Harbour Seals. Marine Pollution Bulletin, 2021, 163, 111905.	2.3	1

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109	The Irrawaddy dolphin, <i>Orcaella brevirostris</i> from the Mekong river Cambodia: Preliminary health and toxicological investigations. <i>Aquatic Toxicology</i> , 2021, 234, 105812.	1.9	1
110	Factors affecting mercury concentrations in two oceanic cephalopods of commercial interest from the southern Caribbean. <i>Marine Pollution Bulletin</i> , 2021, 168, 112408.	2.3	1