

Nobuyuki Miyazaki

List of Publications by Year in descending order

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97
papers

3,391
citations

101543

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97
times ranked

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#	ARTICLE	IF	CITATIONS
1	Butyltin Contamination in Marine Mammals from North Pacific and Asian Coastal Waters. <i>Environmental Science & Technology</i> , 1998, 32, 193-198.	10.0	146
2	Concentrations of Antifouling Biocides in Sediment and Mussel Samples Collected from Otsuchi Bay, Japan. <i>Archives of Environmental Contamination and Toxicology</i> , 2007, 52, 179-188.	4.1	107
3	Comparison of trace element accumulation in Baikal seals (<i>Pusa sibirica</i>), Caspian seals (<i>Pusa caspica</i>) and northern fur seals (<i>Callorhinus ursinus</i>). <i>Environmental Pollution</i> , 2004, 127, 83-97.	7.5	105
4	Persistent organochlorine residues in harbour porpoise (<i>Phocoena phocoena</i>) from the Black Sea. <i>Marine Pollution Bulletin</i> , 1997, 34, 338-347.	5.0	97
5	Emissions and environmental implications of mercury from artisanal gold mining in north Sulawesi, Indonesia. <i>Science of the Total Environment</i> , 2003, 302, 227-236.	8.0	91
6	Time Trends and Transplacental Transfer of Perfluorinated Compounds in Melon-Headed Whales Stranded Along the Japanese Coast in 1982, 2001/2002, and 2006. <i>Environmental Science & Technology</i> , 2008, 42, 7132-7137.	10.0	88
7	Northern elephant seals adjust gliding and stroking patterns with changes in buoyancy: validation of at-sea metrics of body density. <i>Journal of Experimental Biology</i> , 2011, 214, 2973-2987.	1.7	85
8	Detection of butyltin compound residues in the blubber of marine mammals. <i>Marine Pollution Bulletin</i> , 1994, 28, 607-612.	5.0	74
9	Scaling of swim speed in breath-hold divers. <i>Journal of Animal Ecology</i> , 2011, 80, 57-68.	2.8	72
10	Polybrominated diphenyl ethers (PBDEs) and organochlorines in melon-headed whales, <i>Peponocephala electra</i> , mass stranded along the Japanese coasts: Maternal transfer and temporal trend. <i>Environmental Pollution</i> , 2008, 156, 106-114.	7.5	71
11	Contamination and Effects of Perfluorochemicals in Baikal Seal (<i>Pusa sibirica</i>). 1. Residue Level, Tissue Distribution, and Temporal Trend. <i>Environmental Science & Technology</i> , 2008, 42, 2295-2301.	10.0	71
12	Toxicokinetics of PCDD, PCDF, and Coplanar PCB Congeners in Baikal Seals, <i>Pusa sibirica</i> : Age-Related Accumulation, Maternal Transfer, and Hepatic Sequestration. <i>Environmental Science & Technology</i> , 2004, 38, 3505-3513.	10.0	70
13	Body density affects stroke patterns in Baikal seals. <i>Journal of Experimental Biology</i> , 2006, 209, 3269-3280.	1.7	66
14	Organohalogen contaminants in striped dolphins (<i>Stenella coeruleoalba</i>) from Japan: Present contamination status, body distribution and temporal trends (1978-2003). <i>Marine Pollution Bulletin</i> , 2009, 58, 396-401.	5.0	65
15	Loggerhead Turtles (<i>Caretta caretta</i>) Use Vision to Forage on Gelatinous Prey in Mid-Water. <i>PLoS ONE</i> , 2013, 8, e66043.	2.5	63
16	Bioaccumulation profiles of polychlorinated biphenyls including coplanar congeners and possible toxicological implications in Baikal seal (<i>Phoca sibirica</i>). <i>Environmental Pollution</i> , 1997, 95, 57-65.	7.5	56
17	Concentrations of organotin compounds in sediment and clams collected from coastal areas in Vietnam. <i>Environmental Pollution</i> , 2004, 131, 401-408.	7.5	56
18	Concentrations of booster biocides in sediment and clams from Vietnam. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2006, 86, 1163-1170.	0.8	56

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19	Interelement relationships and age-related variation of trace element concentrations in liver of striped dolphins (<i>Stenella coeruleoalba</i>) from Japanese coastal waters. <i>Marine Pollution Bulletin</i> , 2008, 57, 807-815.	5.0	56
20	Validation of a device for accurate timing of feeding events in marine animals. <i>Polar Biology</i> , 2009, 32, 667-671.	1.2	56
21	High Percentage of Butyltin Residues in Total Tin in the Livers of Cetaceans from Japanese Coastal Waters. <i>Environmental Science & Technology</i> , 1999, 33, 1781-1786.	10.0	55
22	Differences in the acute toxicities of tributyltin between the Caprellidea and the Gammaridea (Crustacea: Amphipoda). <i>Marine Pollution Bulletin</i> , 2002, 44, 16-24.	5.0	55
23	Occurrence of Antifouling Biocides in Sediment and Green Mussels from Thailand. <i>Archives of Environmental Contamination and Toxicology</i> , 2006, 51, 400-407.	4.1	54
24	Occurrence of sea eels of <i>Anguilla japonica</i> along the Sanriku Coast of Japan. <i>Ichthyological Research</i> , 2003, 50, 78-81.	0.8	53
25	An assessment of selected trace elements in intertidal surface sediments collected from the Peninsular Malaysia. <i>Environmental Monitoring and Assessment</i> , 2010, 169, 457-472.	2.7	53
26	Pathological and serological evidence of <i>Brucella</i> -infection in baleen whales (Mysticeti) in the western North Pacific. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2003, 26, 125-136.	1.6	51
27	ASSOCIATION OF HEAVY METALS WITH METALLOTHIONEIN AND OTHER PROTEINS IN HEPATIC CYTOSOL OF MARINE MAMMALS AND SEABIRDS. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 2008.	4.3	50
28	Butyltin concentrations along the Japanese coast from 1997 to 1999 monitored by <i>Caprella</i> spp. (Crustacea: Amphipoda). <i>Marine Environmental Research</i> , 2004, 57, 397-414.	2.5	50
29	Enantiomeric ratios of \pm -hexachlorocyclohexane in blubber of small cetaceans. <i>Marine Pollution Bulletin</i> , 1996, 32, 27-31.	5.0	49
30	Moisture content in Dall's porpoise (<i>Phocoenoides dalli</i>) tissues: a reference base for conversion factors between dry and wet weight trace element concentrations in cetaceans. <i>Environmental Pollution</i> , 2003, 121, 345-347.	7.5	49
31	Trace element accumulation in Baikal seal (<i>Phoca sibirica</i>) from the Lake Baikal. <i>Environmental Pollution</i> , 1996, 94, 169-179.	7.5	41
32	Underwater and surface behavior of homing juvenile northern elephant seals. <i>Journal of Experimental Biology</i> , 2011, 214, 629-636.	1.7	41
33	Trace elements in skin of Dall's porpoises (<i>Phocoenoides dalli</i>) from the northern waters of Japan: an evaluation for utilization as non-lethal tracers. <i>Marine Pollution Bulletin</i> , 2002, 45, 230-236.	5.0	39
34	Temporal Trends of Persistent Organochlorine Contamination in Russia: A Case Study of Baikal and Caspian Seal. <i>Archives of Environmental Contamination and Toxicology</i> , 2003, 44, 533-545.	4.1	39
35	Migratory history and habitat use of Japanese eel <i>Anguilla japonica</i> in the Sanriku Coast of Japan. <i>Fisheries Science</i> , 2003, 69, 813-818.	1.6	39
36	Contamination of Tris(4-Chlorophenyl) Methane and Tris(4-Chlorophenyl) Methanol in Marine Mammals from Russia and Japan: Body Distribution, Bioaccumulation and Contamination Status. <i>Marine Pollution Bulletin</i> , 1999, 39, 393-398.	5.0	37

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37	Feeding habits of Dall's porpoises (<i>Phocoenoides dalli</i>) in the subarctic North Pacific and the Bering Sea basin and the impact of predation on mesopelagic micronekton. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2003, 50, 593-610.	1.4	37
38	Contamination Profiles of Antifouling Biocides in Selected Coastal Regions of Malaysia. <i>Archives of Environmental Contamination and Toxicology</i> , 2009, 56, 468-478.	4.1	37
39	Molecular Characterization of Cytochrome P450 1A1, 1A2, and 1B1, and Effects of Polychlorinated Dibenzo-p-dioxin, Dibenzofuran, and Biphenyl Congeners on Their Hepatic Expression in Baikal Seal (<i>Pusa sibirica</i>). <i>Toxicological Sciences</i> , 2007, 97, 318-335.	3.1	36
40	Johor Strait as a Hotspot for Trace Elements Contamination in Peninsular Malaysia. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2010, 84, 568-573.	2.7	36
41	Vocal exchanges of signature whistles in bottlenose dolphins (<i>Tursiops truncatus</i>). <i>Journal of Ethology</i> , 2011, 29, 309-320.	0.8	36
42	Isomer-specific analysis of polychlorinated biphenyls in harbour porpoise (<i>Phocoena phocoena</i>) from the Black Sea. <i>Marine Pollution Bulletin</i> , 1997, 34, 712-720.	5.0	35
43	Chronic effects of tributyltin on the caprellid amphipod <i>Caprella danilevskii</i> . <i>Marine Pollution Bulletin</i> , 2003, 46, 1263-1272.	5.0	35
44	Constitutive Androstane Receptor (CAR) as a Potential Sensing Biomarker of Persistent Organic Pollutants (POPs) in Aquatic Mammal: Molecular Characterization, Expression Level, and Ligand Profiling in Baikal Seal (<i>Pusa sibirica</i>). <i>Toxicological Sciences</i> , 2006, 94, 57-70.	3.1	33
45	Distribution of Antifouling Biocides and Perfluoroalkyl Compounds in Sediments From Selected Locations in Indonesian Coastal Waters. <i>Archives of Environmental Contamination and Toxicology</i> , 2012, 63, 13-21.	4.1	33
46	Distribution and Fate of Organotin Compounds in Japanese Coastal Waters. <i>Water, Air, and Soil Pollution</i> , 2007, 178, 255-265.	2.4	31
47	Persistent organic pollutants (POPs) in Caspian seals of unusual mortality event during 2000 and 2001. <i>Environmental Pollution</i> , 2008, 152, 431-442.	7.5	30
48	Specific accumulation and temporal trends of organochlorine contaminants in Dall's porpoises (<i>Phocoenoides dalli</i>) from Japanese coastal waters. <i>Marine Pollution Bulletin</i> , 2002, 44, 1089-1099.	5.0	29
49	Trace elements and butyltins in a Dall's porpoise (<i>Phocoenoides dalli</i>) from the Sanriku coast of Japan. <i>Chemosphere</i> , 2006, 63, 449-457.	8.2	29
50	Comparison of organotin accumulation in the masu salmon <i>Oncorhynchus masou</i> accompanying migratory histories. <i>Estuarine, Coastal and Shelf Science</i> , 2007, 72, 721-731.	2.1	29
51	Migratory history of the threespine stickleback <i>Gasterosteus aculeatus</i> . <i>Ichthyological Research</i> , 2003, 50, 9-14.	0.8	28
52	Monitoring the Organotin Contamination in the Taihu Lake of China by Bivalve Mussel <i>Anodonta woodiana</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2008, 81, 164-168.	2.7	28
53	Total and subcellular distribution of trace elements in the liver of a mother-fetus pair of Dall's porpoises (<i>Phocoenoides dalli</i>). <i>Marine Pollution Bulletin</i> , 2004, 48, 1122-1129.	5.0	27
54	Mercury and its relation with selenium in the liver of Dall's porpoises (<i>Phocoenoides dalli</i>) off the Sanriku coast of Japan. <i>Environmental Pollution</i> , 2007, 148, 669-673.	7.5	27

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55	A New Method to Calibrate Attachment Angles of Data Loggers in Swimming Sharks. <i>Eurasip Journal on Advances in Signal Processing</i> , 2009, 2010, .	1.7	26
56	Global Distribution of Radionuclides (¹³⁷ Cs and ⁴⁰ K) in Marine Mammals. <i>Environmental Science & Technology</i> , 2003, 37, 4597-4602.	10.0	25
57	Possible role of a taurine transporter in the deep-sea mussel <i>Bathymodiolus septemdierum</i> in adaptation to hydrothermal vents. <i>FEBS Letters</i> , 2008, 582, 1542-1546.	2.8	23
58	Occurrence of Antifouling Biocides and Fluorinated Alkyl Compounds in Sediment Core from Deep Sea: Suruga Bay, Tosa Bay, and Nankai Trough, Japan. <i>Archives of Environmental Contamination and Toxicology</i> , 2009, 57, 661-669.	4.1	23
59	Accumulation of Organotin Compounds in the Deep-Sea Environment of Nankai Trough, Japan. <i>Archives of Environmental Contamination and Toxicology</i> , 2005, 49, 497-503.	4.1	22
60	Aryl hydrocarbon receptor (AHR) and AHR nuclear translocator (ARNT) expression in Baikal seal (<i>Pusa</i>) <i>Tj ETQqO O O rgBT /Overlock 10 T</i> <i>Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2005, 141, 281-291.	2.6	21
61	GEOGRAPHIC VARIATION IN THE SKULL OF THE RINGED SEAL, <i>PUSA HISPIDA</i> . <i>Journal of Mammalogy</i> , 2002, 83, 370-380.	1.3	20
62	Placental transfer of arsenic to fetus of Dall's porpoises (<i>Phocoenoides dalli</i>). <i>Marine Pollution Bulletin</i> , 2005, 51, 845-849.	5.0	19
63	Accumulation of Organotin Compounds in Tissues and Organs of Dolphins from the Coasts of Thailand. <i>Archives of Environmental Contamination and Toxicology</i> , 2008, 54, 145-153.	4.1	19
64	Phylogeography and population structure of the Dall's porpoise, <i>Phocoenoides dalli</i> , in Japanese waters revealed by mitochondrial DNA. <i>Genes and Genetic Systems</i> , 2003, 78, 81-91.	0.7	18
65	Relationship between distribution of heavy metals and sedimental condition in the sediment of Osaka Bay. <i>Nippon Suisan Gakkaishi</i> , 2004, 70, 159-167.	0.1	17
66	cDNA cloning of an aryl hydrocarbon receptor from Baikal seals (<i>Phoca sibirica</i>). <i>Marine Environmental Research</i> , 2002, 54, 285-289.	2.5	15
67	Feeding events of Japanese lates <i>Lates japonicus</i> detected by a high-speed video camera and three-axis micro-acceleration data-logger. <i>Fisheries Science</i> , 2012, 78, 533-538.	1.6	15
68	Contaminant monitoring studies using marine mammals and the need for establishment of an International Environmental Specimen Bank. <i>Science of the Total Environment</i> , 1994, 154, 249-256.	8.0	13
69	Acute toxicity of tributyltin to the Caprellidea (Crustacea: Amphipoda). <i>Marine Environmental Research</i> , 2005, 59, 197-201.	2.5	13
70	Transplacental transfer of butyltins to fetus of Dall's porpoises (<i>Phocoenoides dalli</i>). <i>Chemosphere</i> , 2006, 63, 716-721.	8.2	13
71	Reproductive transfer of organochlorines in viviparous surfperch, <i>Ditrema temmincki</i> . <i>Environmental Pollution</i> , 2006, 142, 383-387.	7.5	13
72	Drift dives and prolonged surfacing periods in Baikal seals: resting strategies in open waters?. <i>Journal of Experimental Biology</i> , 2015, 218, 2793-8.	1.7	13

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73	Timing of sex disturbance caused by tributyltin exposure during the embryonic stage in the caprellid amphipod, <i>Caprella danilevskii</i> . <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2003, 83, 943-944.	0.8	12
74	Transplacental transfer of phenyltins from a pregnant Dallâ€™s porpoise (<i>Phocoenoides dalli</i>) to her fetus. <i>Chemosphere</i> , 2007, 67, 244-249.	8.2	12
75	Heavy Metals in a Tropical Eel <i>Anguilla marmorata</i> from The Central Part of Vietnam. <i>Water, Air, and Soil Pollution</i> , 2009, 204, 69-78.	2.4	12
76	Effect of long-term exposure to sulfides on taurine transporter gene expression in the gill of the deep-sea mussel <i>Bathymodiolus platifrons</i> , which harbors a methanotrophic symbiont. <i>Fisheries Science</i> , 2010, 76, 381-388.	1.6	12
77	Swimming behavior of Chinese sturgeon in natural habitat as compared to that in a deep reservoir: preliminary evidence for anthropogenic impacts. <i>Environmental Biology of Fishes</i> , 2013, 96, 123-130.	1.0	12
78	Concentrations of Organotin Compounds in the Stranded Killer Whales from Rausu, Hokkaido, Japan. <i>Archives of Environmental Contamination and Toxicology</i> , 2008, 55, 137-142.	4.1	11
79	Metabolism of tributyltin and triphenyltin by Dallâ€™s porpoise hepatic microsomes. <i>Chemosphere</i> , 2009, 76, 1013-1015.	8.2	11
80	Otolith microchemistry of the conger eel, <i>Conger myriaster</i> . <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2002, 82, 303-305.	0.8	10
81	Swim Speed and Acceleration Measurements of Short-Finned Pilot Whales (<i>Globicephala</i>) Tj ETQq1 1 0.784314 $\mu\text{g BT} / \text{Overlock}$ 10	0.6	10
82	Comparison of the amount of thiotrophic symbionts in the deep-sea mussel <i>Bathymodiolus septemdiarium</i> under different sulfide levels using fluorescent in situ hybridization. <i>Fisheries Science</i> , 2012, 78, 139-146.	1.6	10
83	Ultrahigh foraging rates of Baikal seals make tiny endemic amphipods profitable in Lake Baikal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31242-31248.	7.1	10
84	Growth history and migration of the threespine stickleback <i>Gasterosteus aculeatus</i> in Otsuchi Bay, northeastern Japan. <i>Ichthyological Research</i> , 2003, 50, 90-93.	0.8	9
85	Differences in stable isotope ratios of Dallâ€™s porpoises (<i>Phocoenoides dalli</i>) between coastal and oceanic areas of the North Pacific. <i>Fisheries Oceanography</i> , 2010, 19, 257-261.	1.7	9
86	Effects of tributyltin on the survival in the caprellid amphipod <i>Caprella danilevskii</i> . <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2004, 84, 345-349.	0.8	7
87	Measurement of swimming speed in sperm whales. , 2007, , .		7
88	Concentrations of Organotin Compounds in Tissues and Organs of Dugongs from Thai Coastal Waters. <i>Archives of Environmental Contamination and Toxicology</i> , 2007, 53, 495-502.	4.1	7
89	Phylogenetic analyses in cetacean species of the family Delphinidae using a short wavelength sensitive opsin gene sequence. <i>Fisheries Science</i> , 2010, 76, 571-576.	1.6	6
90	Growth effect on the uptake and elimination of trace metals in the abalones <i>Haliotis</i> . <i>Fisheries Science</i> , 2002, 68, 1094-1098.	1.6	4

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91	Concentrations of Persistent Organic Pollutants in Masu Salmon, <i>Oncorhynchus masou</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009, 83, 393-397.	2.7	4
92	Subcellular distribution of trace elements in kidney of a motherâ€™fetus pair of Dallâ€™s porpoises (<i>Phocoenoides dalli</i>). <i>Chemosphere</i> , 2008, 70, 1203-1210.	8.2	2
93	Otolith microstructure of the Russian sturgeon, <i>Acipenser gueldenstadti</i> . <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2002, 82, 679-680.	0.8	1
94	Differences in Organochlorine Accumulation in Masu Salmon <i>Oncorhynchus masou masou</i> between Fluvial and Sea-run Forms. <i>Water, Air, and Soil Pollution</i> , 2007, 178, 309-313.	2.4	1
95	Caspian and Baikal Seals. , 2009, , 188-191.		1
96	The implications of turning behaviour performed by Amazonian manatees after release into the wild. <i>Journal of Ethology</i> , 2012, 30, 187-190.	0.8	1
97	CT examination of the head of the Baikal seal (<i>Phoca sibirica</i>). <i>American Journal of Anatomy</i> , 1999, 194, 119-126.	1.0	0