

Letizia Marsili

List of Publications by Year in descending order

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114
papers

4,567
citations

109137

35
h-index

118652

62
g-index

121
all docs

121
docs citations

121
times ranked

4305
citing authors

#	ARTICLE	IF	CITATIONS
1	Are baleen whales exposed to the threat of microplastics? A case study of the Mediterranean fin whale (<i>Balaenoptera physalus</i>). <i>Marine Pollution Bulletin</i> , 2012, 64, 2374-2379.	2.3	472
2	Large filter feeding marine organisms as indicators of microplastic in the pelagic environment: The case studies of the Mediterranean basking shark (<i>Cetorhinus maximus</i>) and fin whale (<i>Balaenoptera</i>)	0.0	0
3	Fin whales and microplastics: The Mediterranean Sea and the Sea of Cortez scenarios. <i>Environmental Pollution</i> , 2016, 209, 68-78.	3.7	299
4	Amount and distribution of neustonic micro-plastic off the western Sardinian coast (Central-Western Mediterranean Sea). <i>Marine Environmental Research</i> , 2014, 100, 10-16.	1.1	189
5	Plastic Debris Occurrence, Convergence Areas and Fin Whales Feeding Ground in the Mediterranean Marine Protected Area Pelagos Sanctuary: A Modeling Approach. <i>Frontiers in Marine Science</i> , 0, 4, .	1.2	158
6	Presence of plastic debris in loggerhead turtle stranded along the Tuscany coasts of the Pelagos Sanctuary for Mediterranean Marine Mammals (Italy). <i>Marine Pollution Bulletin</i> , 2013, 74, 225-230.	2.3	118
7	Title is missing!. <i>Environmental Monitoring and Assessment</i> , 1997, 45, 129-180.	1.3	88
8	Selection of reference genes for quantitative RT-PCR studies in striped dolphin (<i>Stenella</i>)	0.0	0
9	Sometimes Sperm Whales (<i>Physeter macrocephalus</i>) Cannot Find Their Way Back to the High Seas: A Multidisciplinary Study on a Mass Stranding. <i>PLoS ONE</i> , 2011, 6, e19417.	1.1	84
10	The use of non-destructive biomarker in Mediterranean cetaceans: Preliminary data on MFO activity in skin biopsy. <i>Marine Pollution Bulletin</i> , 1992, 24, 459-461.	2.3	83
11	Trace elements in striped dolphins (<i>Stenella coeruleoalba</i>) from the western Mediterranean. <i>Environmental Pollution</i> , 1998, 99, 61-68.	3.7	83
12	Organochlorine levels in subcutaneous blubber biopsies of fin whales (<i>Balaenoptera physalus</i>) and striped dolphins (<i>Stenella coeruleoalba</i>) from the Mediterranean Sea. <i>Environmental Pollution</i> , 1996, 91, 1-9.	3.7	78
13	The use of a non-lethal tool for evaluating toxicological hazard of organochlorine contaminants in Mediterranean cetaceans: new data 10 years after the first paper published in MPB. <i>Marine Pollution Bulletin</i> , 2003, 46, 972-982.	2.3	76
14	Effects of endocrine disruptors in aquatic mammals. <i>Pure and Applied Chemistry</i> , 2003, 75, 2235-2247.	0.9	73
15	Interspecies differences in mixed function oxidase activity in birds: Relationship between feeding habits, detoxication activities and organochlorine accumulation. <i>Environmental Pollution</i> , 1995, 90, 15-24.	3.7	67
16	Cetacean strandings in Italy: an unusual mortality event along the Tyrrhenian Sea coast in 2013. <i>Diseases of Aquatic Organisms</i> , 2014, 109, 81-86.	0.5	63
17	Quantitative Real-Time PCR Detection of TRPV1 Gene Expression in Human Leukocytes from Healthy and Hyposensitive Subjects. <i>Molecular Pain</i> , 2008, 4, 1744-8069-4-51.	1.0	62
18	Are whale sharks exposed to persistent organic pollutants and plastic pollution in the Gulf of California (Mexico)? First ecotoxicological investigation using skin biopsies. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 199, 48-58.	1.3	62

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19	Nondestructive biomarkers of exposure to endocrine disrupting chemicals in endangered species of wildlife. <i>Chemosphere</i> , 1999, 39, 1273-1285.	4.2	59
20	Dolphin Morbillivirus and <i>Toxoplasma gondii</i> coinfection in a Mediterranean fin whale (<i>Balaenoptera</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	6.7	59
21	The use of non destructive biomarkers in the study of marine mammals. <i>Biomarkers</i> , 1997, 2, 205-216.	0.9	58
22	Potential toxicological hazard due to endocrine-disrupting chemicals on Mediterranean top predators: State of art, gender differences and methodological tools. <i>Environmental Research</i> , 2007, 104, 174-182.	3.7	56
23	Polycyclic aromatic hydrocarbons (PAHs) in subcutaneous biopsies of Mediterranean cetaceans. <i>Chemosphere</i> , 2001, 44, 147-154.	4.2	53
24	Biomarkers for endocrine disruptors in three species of Mediterranean large pelagic fish. <i>Marine Environmental Research</i> , 2002, 54, 667-671.	1.1	53
25	Use of nondestructive biomarkers and residue analysis to assess the health status of endangered species of pinnipeds in the south-west Atlantic. <i>Marine Pollution Bulletin</i> , 1997, 34, 157-162.	2.3	51
26	Congener Specific Determination and Enantiomeric Ratios of Chiral Polychlorinated Biphenyls in Striped Dolphins (<i>Stenella coeruleoalba</i>) from the Mediterranean Sea. <i>Environmental Science & Technology</i> , 1999, 33, 1787-1793.	4.6	49
27	Abdominal aortic aneurysm evaluation: Comparison of US, CT, MRI, and angiography. <i>Magnetic Resonance Imaging</i> , 1990, 8, 199-204.	1.0	48
28	Skin biopsy of Mediterranean cetaceans for the investigation of interspecies susceptibility to xenobiotic contaminants. <i>Marine Environmental Research</i> , 2000, 50, 517-521.	1.1	48
29	First ecotoxicological assessment of <i>Caretta caretta</i> (Linnaeus, 1758) in the Mediterranean Sea using an integrated nondestructive protocol. <i>Science of the Total Environment</i> , 2018, 631-632, 1221-1233.	3.9	42
30	Assessment of toxicological status of a SW Mediterranean segment population of striped dolphin (<i>Stenella coeruleoalba</i>) using skin biopsy. <i>Marine Environmental Research</i> , 2004, 58, 269-274.	1.1	41
31	First detection of CYP1A1 and CYP2B induction in Mediterranean cetacean skin biopsies and cultured fibroblasts by Western blot analysis. <i>Marine Environmental Research</i> , 2008, 66, 3-6.	1.1	41
32	Comparison of the effectiveness of biphasic and monophasic rectangular pulses for the inactivation of micro-organisms using pulsed electric fields. <i>IEEE Transactions on Plasma Science</i> , 2002, 30, 1525-1531.	0.6	40
33	Genotoxic effects of produced waters in mosquito fish (<i>Gambusia affinis</i>). <i>Ecotoxicology</i> , 2009, 18, 75-80.	1.1	40
34	The Pelagos Sanctuary for Mediterranean marine mammals: Marine Protected Area (MPA) or marine polluted area? The case study of the striped dolphin (<i>Stenella coeruleoalba</i>). <i>Marine Pollution Bulletin</i> , 2013, 70, 64-72.	2.3	38
35	An index based on the biodiversity of cetacean species to assess the environmental status of marine ecosystems. <i>Marine Environmental Research</i> , 2014, 100, 94-111.	1.1	38
36	Pacific Oceanâ€“Wide Profile of CYP1A1 Expression, Stable Carbon and Nitrogen Isotope Ratios, and Organic Contaminant Burden in Sperm Whale Skin Biopsies. <i>Environmental Health Perspectives</i> , 2011, 119, 337-343.	2.8	37

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37	The role of large marine vertebrates in the assessment of the quality of pelagic marine ecosystems. <i>Marine Environmental Research</i> , 2012, 77, 156-158.	1.1	36
38	Relationship between organochlorine contaminants and mixed function oxidase activity in skin biopsy specimens of mediterranean fin whales (<i>Balaenoptera physalus</i>). <i>Chemosphere</i> , 1998, 37, 1501-1510.	4.2	35
39	Evaluation of ecotoxicological effects of endocrine disrupters during a four-year survey of the Mediterranean population of swordfish (<i>Xiphias gladius</i>). <i>Marine Environmental Research</i> , 2004, 58, 425-429.	1.1	35
40	Age, growth and organochlorines (HCB, DDTs and PCBs) in Mediterranean striped dolphins <i>Stenella coeruleoalba</i> stranded in 1988-1994 on the coasts of Italy. <i>Marine Ecology - Progress Series</i> , 1997, 151, 273-282.	0.9	33
41	Lipophilic contaminants in marine mammals: review of the results of ten years' work at the Department of Environmental Biology, Siena University (Italy). <i>International Journal of Environment and Pollution</i> , 2000, 13, 416.	0.2	33
42	The Italian wall lizard (<i>Podarcis sicula</i>) as a bioindicator of oil field activity. <i>Science of the Total Environment</i> , 2009, 407, 3597-3604.	3.9	33
43	Skin biopsies for cell cultures from Mediterranean free-ranging cetaceans. <i>Marine Environmental Research</i> , 2000, 50, 523-526.	1.1	32
44	A multi-trial diagnostic tool in fin whale (<i>Balaenoptera physalus</i>) skin biopsies of the Pelagos Sanctuary (Mediterranean Sea) and the Gulf of California (Mexico). <i>Marine Environmental Research</i> , 2010, 69, S17-S20.	1.1	32
45	Ecotoxicological diagnosis of striped dolphin (<i>Stenella coeruleoalba</i>) from the Mediterranean basin by skin biopsy and gene expression approach. <i>Ecotoxicology</i> , 2011, 20, 1791-1800.	1.1	32
46	Effects of in vitro exposure to titanium dioxide on DNA integrity of bottlenose dolphin (<i>Tursiops</i>)	1.1	32
47	Transcriptomic analysis of bottlenose dolphin (<i>Tursiops truncatus</i>) skin biopsies to assess the effects of emerging contaminants. <i>Marine Environmental Research</i> , 2016, 114, 74-79.	1.1	32
48	A novel human pain insensitivity disorder caused by a point mutation in ZFH2. <i>Brain</i> , 2018, 141, 365-376.	3.7	32
49	Assessment of the conservation status of Chondrichthyans: underestimation of the pollution threat. , 2021, 88, 165-180.		31
50	Theoretical models to evaluate hazard due to organochlorine compounds (OCs) in Mediterranean striped dolphin (<i>Stenella coeruleoalba</i>). <i>Chemosphere</i> , 2004, 56, 791-801.	4.2	30
51	Meningoencephalitis and <i>Listeria monocytogenes</i> , <i>Toxoplasma gondii</i> and <i>Brucella</i> spp. coinfection in a dolphin in Italy. <i>Diseases of Aquatic Organisms</i> , 2016, 118, 169-174.	0.5	30
52	Development of new-tools to investigate toxicological hazard due to endocrine disruptor organochlorines and emerging contaminants in Mediterranean cetaceans. <i>Marine Environmental Research</i> , 2006, 62, S200-S204.	1.1	29
53	Fingerprint of polycyclic aromatic hydrocarbons in two populations of southern sea lions (<i>Otaria</i>)	4.2	28
54	Skin biopsy as a nondestructive tool for the toxicological assessment of endangered populations of pinnipeds: Preliminary results on mixed function oxidase in <i>Otaria flavescens</i> . <i>Chemosphere</i> , 1997, 35, 1623-1635.	4.2	28

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55	PCB congeners, DDTs and hexachlorobenzene in Antarctic fish from Terra Nova Bay (Ross Sea). <i>Antarctic Science</i> , 1992, 4, 151-154.	0.5	25
56	Application of a suite of biomarkers in <i>Posidonia oceanica</i> (L.) delile to assess the ecotoxicological impact on the coastal environment. <i>Marine Environmental Research</i> , 2006, 62, S327-S331.	1.1	23
57	Endocrine Disruptors in Mediterranean Top Marine Predators. <i>Environmental Science and Pollution Research</i> , 2006, 13, 204-207.	2.7	23
58	Selection of reliable reference genes for qRT-PCR studies on cetacean fibroblast cultures exposed to OCs, PBDEs, and 17 β -estradiol. <i>Aquatic Toxicology</i> , 2008, 87, 178-186.	1.9	23
59	Pilot study on levels of chemical contaminants and porphyrins in <i>Caretta caretta</i> from the Mediterranean Sea. <i>Marine Environmental Research</i> , 2014, 100, 33-37.	1.1	23
60	Anthropogenic contaminants in Indo-Pacific humpback and Australian snubfin dolphins from the central and southern Great Barrier Reef. <i>Environmental Pollution</i> , 2013, 182, 490-494.	3.7	22
61	Ecotoxicological status of seven sperm whales (<i>Physeter macrocephalus</i>) stranded along the Adriatic coast of Southern Italy. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2014, 24, 103-118.	0.9	22
62	Could feeding habit and migratory behaviour be the causes of different toxicological hazard to cetaceans of Gulf of California (Mexico)?. <i>Environmental Science and Pollution Research</i> , 2014, 21, 13353-13366.	2.7	21
63	Multidisciplinary studies on a sick-leader syndrome-associated mass stranding of sperm whales (<i>Physeter macrocephalus</i>) along the Adriatic coast of Italy. <i>Scientific Reports</i> , 2018, 8, 11577.	1.6	21
64	Evaluation of PCDD/Fs, dioxin-like PCBs and PBDEs in sperm whales from the Mediterranean Sea. <i>Science of the Total Environment</i> , 2019, 653, 1417-1425.	3.9	20
65	Use of biomarkers to investigate toxicological effects of produced water treated with conventional and innovative methods. <i>Marine Environmental Research</i> , 2006, 62, S347-S351.	1.1	19
66	The Gulf of Ambracia's Common Bottlenose Dolphins, <i>Tursiops truncatus</i> . <i>Advances in Marine Biology</i> , 2016, 75, 259-296.	0.7	19
67	Bioaccumulation of organochlorine compounds in large, threatened elasmobranchs off northern New South Wales, Australia. <i>Marine Pollution Bulletin</i> , 2019, 139, 263-269.	2.3	19
68	PCB levels in bird blood and relationship to MFO responses. <i>Chemosphere</i> , 1996, 33, 699-710.	4.2	18
69	Use of immunofluorescence technique in cultured fibroblasts from Mediterranean cetaceans as new "in vitro" tool to investigate effects of environmental contaminants. <i>Marine Environmental Research</i> , 2008, 66, 151-153.	1.1	17
70	First application of comet assay in blood cells of Mediterranean loggerhead sea turtle (<i>Caretta</i>)	1.1	16
71	Persistent Organic Pollutants in Cetaceans Living in a Hotspot Area. , 2018, , 185-212.		16
72	An "ex vivo" model to evaluate toxicological responses to mixtures of contaminants in cetaceans: Integumentum biopsy slices. <i>Environmental Toxicology</i> , 2014, 29, 1107-1121.	2.1	15

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73	Insights Into Cetacean Immunology: Do Ecological and Biological Factors Make the Difference?. <i>Frontiers in Immunology</i> , 2019, 10, 1219.	2.2	15
74	Recalcitrant organochlorine compounds in captive bottlenose dolphins (<i>Tursiops truncatus</i>): Biomagnification or bioaccumulation?. <i>Chemosphere</i> , 1995, 31, 3919-3932.	4.2	14
75	Mixed function oxidase activity and chlorinated hydrocarbon residues in antarctic sea birds: South polar skua (<i>Catharacta maccormicki</i>) and adie penguin (<i>Pygoscelis adeliae</i>). <i>Marine Environmental Research</i> , 1992, 34, 201-205.	1.1	13
76	Multi-trial biomarker approach in <i>Meganyctiphanes norvegica</i> : a potential early indicator of health status of the Mediterranean whale sanctuary. <i>Marine Environmental Research</i> , 2002, 54, 761-767.	1.1	13
77	Porphyryns in excreta: a nondestructive biomarker for the hazard assessment of birds contaminated with PCBs. <i>Chemosphere</i> , 1996, 33, 29-42.	4.2	12
78	First report of <i>Salmonella</i> 1,4,[5],12:i:- in free-ranging striped dolphins (<i>Stenella coeruleoalba</i>), Italy. <i>Scientific Reports</i> , 2019, 9, 6061.	1.6	12
79	Biological threats and environmental pollutants, a lethal mixture for mediterranean cetaceans?. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2014, 94, 1221-1225.	0.4	10
80	Cetacean Poxvirus in Two Striped Dolphins (<i>Stenella coeruleoalba</i>) Stranded on the Tyrrhenian Coast of Italy: Histopathological, Ultrastructural, Biomolecular, and Ecotoxicological Findings. <i>Frontiers in Veterinary Science</i> , 2018, 5, 219.	0.9	10
81	Insights Into Dolphins' Immunology: Immuno-Phenotypic Study on Mediterranean and Atlantic Stranded Cetaceans. <i>Frontiers in Immunology</i> , 2019, 10, 888.	2.2	10
82	Geographic and temporal variation in persistent pollutants in Australian humpback and snubfin dolphins. <i>Ecological Indicators</i> , 2020, 111, 105990.	2.6	10
83	Assessment of PCDD/Fs, dioxin-like PCBs and PBDEs in Mediterranean striped dolphins. <i>Marine Pollution Bulletin</i> , 2020, 156, 111207.	2.3	10
84	Sunscreens™ UV Filters Risk for Coastal Marine Environment Biodiversity: A Review. <i>Diversity</i> , 2021, 13, 374.	0.7	10
85	Evaluating the Effectiveness of a Conservation Project on Two Threatened Birds: Applying Expert-Based Threat Analysis and Threat Reduction Assessment in a Mediterranean Wetland. <i>Diversity</i> , 2022, 14, 94.	0.7	10
86	Interspecific differences in mixed function oxidase activity in birds: a tool to identify "species at risk". <i>Science of the Total Environment</i> , 1995, 171, 221-226.	3.9	9
87	The use of porphyryns as a non-destructive biomarker of exposure to contaminants in two sea lion populations. <i>Marine Environmental Research</i> , 2002, 54, 769-773.	1.1	9
88	Occlusive mycotic tracheobronchitis and systemic Alphaherpesvirus coinfection in a free-living striped dolphin <i>Stenella coeruleoalba</i> in Italy. <i>Diseases of Aquatic Organisms</i> , 2018, 127, 137-144.	0.5	9
89	Integrated biomarker responses in European seabass <i>Dicentrarchus labrax</i> (Linnaeus, 1758) chronically exposed to PVC microplastics. <i>Journal of Hazardous Materials</i> , 2022, 438, 129488.	6.5	9
90	Induction of mixed function oxidase (MFO) system in two species of antarctic fish from Terra Nova Bay (Ross Sea). <i>Polar Biology</i> , 1992, 12, 721.	0.5	8

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91	Effect of the 1990 die-off in the northern Italian seas on the developmental stability of the striped dolphin <i>Stenella coeruleoalba</i> (Meyen, 1833). <i>Biological Journal of the Linnean Society</i> , 2000, 71, 61-70.	0.7	8
92	MR Characterization of Hepatic Lesions by t-Null Inversion Recovery Sequence. <i>Journal of Computer Assisted Tomography</i> , 1990, 14, 96-101.	0.5	7
93	Organochlorine Compounds in Pelicans (<i>Pelecanus crispus</i> and <i>Pelecanus onocrotalus</i>) Nesting at Lake Mikri Prespa, North Western Greece. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1999, 62, 383-389.	1.3	7
94	Trace element concentrations in the Mediterranean monk seal (<i>Monachus monachus</i>) in the eastern Mediterranean Sea. <i>Science of the Total Environment</i> , 2017, 576, 528-537.	3.9	7
95	Spatio-temporal patterns of genetic diversity in the Mediterranean striped dolphin (<i>Stenella</i>)	0.6	7
96	Evidence for Unknown Sarcocystis-Like Infection in Stranded Striped Dolphins (<i>Stenella</i>)	1.0	7
97	Are the Mediterranean Top Predators Exposed to Toxicological Risk Due to Endocrine Disrupters?. <i>Annals of the New York Academy of Sciences</i> , 2001, 948, 67-74.	1.8	6
98	Evaluation of hematoma by MRI in follow-up of aorto-femoral bypass. <i>Magnetic Resonance Imaging</i> , 1991, 9, 247-253.	1.0	5
99	Test Tube Cetaceans: From the Evaluation of Susceptibility to the Study of Genotoxic Effects of Different Environmental Contaminants Using Cetacean Fibroblast Cell Cultures. , 0, , .		5
100	Influence of cadmium on PCB congener accumulation in quail. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1992, 49, 686-93.	1.3	4
101	Cetacean mass strandings and multidisciplinary work. <i>Chemosphere</i> , 2016, 148, 32-33.	4.2	4
102	Assessment of the causes of Hg bioaccumulation in the fish of a Mediterranean lagoon subject to environmental management interventions. <i>Marine Pollution Bulletin</i> , 2021, 162, 111907.	2.3	4
103	Global Perspectives on Wildlife Toxicology Emerging Issues. , 2010, , 197-255.		4
104	Biomarkers of Exposure and Effects for Assessing Toxicological Risk of Endocrine Disrupters in Top Predators of the Mediterranean Sea. <i>Marine Ecology</i> , 2002, 23, 184-189.	0.4	3
105	Multi-Trial Ecotoxicological Diagnostic Tool in Cetacean Skin Biopsies. , 0, , .		3
106	Collections of extant cetaceans in Italian museums and other scientific institutions. A comparative review. <i>Natural History Sciences</i> , 2012, 153, 145.	0.5	3
107	Western blot expression of 5-lipoxygenase in the brain from striped dolphins (<i>Stenella coeruleoalba</i>) and bottlenose dolphins (<i>Tursiops truncatus</i>) with or without encephalitis/meningo-encephalitis of infectious nature. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2015, 29, 245-50.	0.7	3
108	Ecotoxicological Characterization of Type C Killer Whales From Terra Nova Bay (Ross Sea,) in <i>Marine Science</i> , 2022, 9, .	1.2	3

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109	Ecotoxicological status of <i>Tursiops truncatus</i> in the Mediterranean Sea and in the Gulf of California (Sea of Cortez-Mexico) using skin biopsy as diagnostic tool. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2010, 157, S26.	0.8	2
110	Polycyclic Aromatic Hydrocarbon-DNA Adducts in Gulf of Mexico Sperm Whale Skin Biopsies Collected in 2012. <i>Toxicological Sciences</i> , 2021, 181, 115-124.	1.4	2
111	Development and application of molecular biomarkers for ecotoxicological monitoring in <i>Stenella coeruleoalba</i> (Cetacea, Odontoceti). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2010, 157, S26.	0.8	1
112	A non-lethal multi-biomarker approach to investigate the ecotoxicological status of Mediterranean loggerhead sea turtle (<i>Caretta caretta</i> , Linneo, 1758). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2010, 157, S23-S24.	0.8	0
113	Biomarker responses in mosquito fish (<i>Gambusia affinis</i>) to in vivo exposure to produced waters. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2012, 163, S16.	0.8	0
114	Characterization of CYP1A and gene expression profiling in three mysticete species. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2012, 163, S28-S29.	0.8	0