Letizia Marsili

List of Publications by Year in descending order

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109321 4,567 114 35 citations h-index papers

62 g-index 121 121 121 4305 docs citations times ranked citing authors all docs

118850

#	Article	IF	CITATIONS
1	Are baleen whales exposed to the threat of microplastics? A case study of the Mediterranean fin whale (Balaenoptera physalus). Marine Pollution Bulletin, 2012, 64, 2374-2379.	5.0	472
2	Large filter feeding marine organisms as indicators of microplastic in the pelagic environment: The case studies of the Mediterranean basking shark (Cetorhinus maximus) and fin whale (Balaenoptera) Tj ETQq0 C	0 0 2gBT/C	versteatk 10 Tf !
3	Fin whales and microplastics: The Mediterranean Sea and the Sea of Cortez scenarios. Environmental Pollution, 2016, 209, 68-78.	7.5	299
4	Amount and distribution of neustonic micro-plastic off the western Sardinian coast (Central-Western Mediterranean Sea). Marine Environmental Research, 2014, 100, 10-16.	2.5	189
5	Plastic Debris Occurrence, Convergence Areas and Fin Whales Feeding Ground in the Mediterranean Marine Protected Area Pelagos Sanctuary: A Modeling Approach. Frontiers in Marine Science, 0, 4, .	2.5	158
6	Presence of plastic debris in loggerhead turtle stranded along the Tuscany coasts of the Pelagos Sanctuary for Mediterranean Marine Mammals (Italy). Marine Pollution Bulletin, 2013, 74, 225-230.	5.0	118
7	Title is missing!. Environmental Monitoring and Assessment, 1997, 45, 129-180.	2.7	88
8	Selection of reference genes for quantitative RT-PCR studies in striped dolphin (Stenella) Tj ETQq0 0 0 rgBT /Ove	erlogk 10 T	f 50 462 Td (c
9	Sometimes Sperm Whales (Physeter macrocephalus) Cannot Find Their Way Back to the High Seas: A Multidisciplinary Study on a Mass Stranding. PLoS ONE, 2011, 6, e19417.	2.5	84
10	The use of non-destructive biomarker in Mediterranean cetaceans: Preliminary data on MFO activity in skin biopsy. Marine Pollution Bulletin, 1992, 24, 459-461.	5.0	83
11	Trace elements in striped dolphins (Stenella coeruleoalba) from the western Mediterranean. Environmental Pollution, 1998, 99, 61-68.	7.5	83
12	Organochlorine levels in subcutaneous blubber biopsies of fin whales (Balaenoptera physalus) and striped dolphins (Stenella coeruleoalba) from the Mediterranean Sea. Environmental Pollution, 1996, 91, 1-9.	7. 5	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. Marine Pollution Bulletin, 2003, 46, 972-982.	5.0	76
14	Effects of endocrine disruptors in aquatic mammals. Pure and Applied Chemistry, 2003, 75, 2235-2247.	1.9	73
15	Interspecies differences in mixed function oxidase activity in birds: Relationship between feeding habits, detoxication activities and organochlorine accumulation. Environmental Pollution, 1995, 90, 15-24.	7.5	67
16	Cetacean strandings in Italy: an unusual mortality event along the Tyrrhenian Sea coast in 2013. Diseases of Aquatic Organisms, 2014, 109, 81-86.	1.0	63
17	Quantitative Real-Time PCR Detection of TRPV1–4 Gene Expression in Human Leukocytes from Healthy and Hyposensitive Subjects. Molecular Pain, 2008, 4, 1744-8069-4-51.	2.1	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. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2017, 199, 48-58.	2.6	62

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19	Nondestructive biomarkers of exposure to endocrine disrupting chemicals in endangered species of wildlife. Chemosphere, 1999, 39, 1273-1285.	8.2	59
20	Dolphin Morbillivirus and Toxoplasma gondii coinfection in a Mediterranean fin whale (Balaenoptera) Tj ETQq0 0	0 rgBT /O	verlgck 10 Tf
21	The use of non destructive biomarkers in the study of marine mammals. Biomarkers, 1997, 2, 205-216.	1.9	58
22	Potential toxicological hazard due to endocrine-disrupting chemicals on Mediterranean top predators: State of art, gender differences and methodological tools. Environmental Research, 2007, 104, 174-182.	7.5	56
23	Polycyclic aromatic hydrocarbons (PAHs) in subcutaneous biopsies of Mediterranean cetaceans. Chemosphere, 2001, 44, 147-154.	8.2	53
24	Biomarkers for endocrine disruptors in three species of Mediterranean large pelagic fish. Marine Environmental Research, 2002, 54, 667-671.	2.5	53
25	Use of nondestructive biomarkers and residue analysis to assess the health status of endangered species of pinnipeds in the south-west Atlantic. Marine Pollution Bulletin, 1997, 34, 157-162.	5.0	51
26	Congener Specific Determination and Enantiomeric Ratios of Chiral Polychlorinated Biphenyls in Striped Dolphins (Stenella coeruleoalba) from the Mediterranean Sea. Environmental Science & Emp; Technology, 1999, 33, 1787-1793.	10.0	49
27	Abdominal aortic aneurysm evaluation: Comparison of US, CT, MRI, and angiography. Magnetic Resonance Imaging, 1990, 8, 199-204.	1.8	48
28	Skin biopsy of Mediterranean cetaceans for the investigation of interspecies susceptibility to xenobiotic contaminants. Marine Environmental Research, 2000, 50, 517-521.	2.5	48
29	First ecotoxicological assessment of Caretta caretta (Linnaeus, 1758) in the Mediterranean Sea using an integrated nondestructive protocol. Science of the Total Environment, 2018, 631-632, 1221-1233.	8.0	42
30	Assessment of toxicological status of a SW Mediterranean segment population of striped dolphin (Stenella coeruleoalba) using skin biopsy. Marine Environmental Research, 2004, 58, 269-274.	2.5	41
31	First detection of CYP1A1 and CYP2B induction in Mediterranean cetacean skin biopsies and cultured fibroblasts by Western blot analysis. Marine Environmental Research, 2008, 66, 3-6.	2.5	41
32	Comparison of the effectiveness of biphase and monophase rectangular pulses for the inactivation of micro-organisms using pulsed electric fields. IEEE Transactions on Plasma Science, 2002, 30, 1525-1531.	1.3	40
33	Genotoxic effects of produced waters in mosquito fish (Gambusia affinis). Ecotoxicology, 2009, 18, 75-80.	2.4	40
34	The Pelagos Sanctuary for Mediterranean marine mammals: Marine Protected Area (MPA) or marine polluted area? The case study of the striped dolphin (Stenella coeruleoalba). Marine Pollution Bulletin, 2013, 70, 64-72.	5.0	38
35	An index based on the biodiversity of cetacean species to assess the environmental status of marine ecosystems. Marine Environmental Research, 2014, 100, 94-111.	2.5	38
36	Pacific Ocean–Wide Profile of CYP1A1 Expression, Stable Carbon and Nitrogen Isotope Ratios, and Organic Contaminant Burden in Sperm Whale Skin Biopsies. Environmental Health Perspectives, 2011, 119, 337-343.	6.0	37

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37	The role of large marine vertebrates in the assessment of the quality of pelagic marine ecosystems. Marine Environmental Research, 2012, 77, 156-158.	2.5	36
38	Relationship between organochlorine contaminants and mixed function oxidase activity in skin biopsy specimens of mediterranean fin whales (Balaenoptera physalus). Chemosphere, 1998, 37, 1501-1510.	8.2	35
39	Evaluation of ecotoxicological effects of endocrine disrupters during a four-year survey of the Mediterranean population of swordfish (Xiphias gladius). Marine Environmental Research, 2004, 58, 425-429.	2.5	35
40	Age, growth and organochlorines (HCB, DDTs and PCBs) in Mediterranean striped dolphins Stenella coeruleoalba stranded in 1988-1994 on the coasts of Italy. Marine Ecology - Progress Series, 1997, 151, 273-282.	1.9	33
41	Lipophilic contaminants in marine mammals: review of the results of ten years' work at the Department of Environmental Biology, Siena University (Italy). International Journal of Environment and Pollution, 2000, 13, 416.	0.2	33
42	The Italian wall lizard (Podarcis sicula) as a bioindicator of oil field activity. Science of the Total Environment, 2009, 407, 3597-3604.	8.0	33
43	Skin biopsies for cell cultures from Mediterranean free-ranging cetaceans. Marine Environmental Research, 2000, 50, 523-526.	2.5	32
44	A multi-trial diagnostic tool in fin whale (Balaenoptera physalus) skin biopsies of the Pelagos Sanctuary (Mediterranean Sea) and the Gulf of California (Mexico). Marine Environmental Research, 2010, 69, S17-S20.	2.5	32
45	Ecotoxicological diagnosis of striped dolphin (Stenella coeruleoalba) from the Mediterranean basin by skin biopsy and gene expression approach. Ecotoxicology, 2011, 20, 1791-1800.	2.4	32
46	Effects of inÂvitro exposure to titanium dioxide on DNA integrity of bottlenose dolphin (Tursiops) Tj ETQq0 0 0 r	gBT /Overlo	ock 10 Tf 50
47	Transcriptomic analysis of bottlenose dolphin (Tursiops truncatus) skin biopsies to assess the effects of emerging contaminants. Marine Environmental Research, 2016, 114, 74-79.	2.5	32
48	A novel human pain insensitivity disorder caused by a point mutation in ZFHX2. Brain, 2018, 141, 365-376.	7.6	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 (Stenella coeruleoalba). Chemosphere, 2004, 56, 791-801.	8.2	30
51	Meningoencephalitis and Listeria monocytogenes, Toxoplasma gondii and Brucella spp. coinfection in a dolphin in Italy. Diseases of Aquatic Organisms, 2016, 118, 169-174.	1.0	30
52	Development of new-tools to investigate toxicological hazard due to endocrine disruptor organochlorines and emerging contaminants in Mediterranean cetaceans. Marine Environmental Research, 2006, 62, S200-S204.	2.5	29
53	Fingerprint of polycyclic aromatic hydrocarbons in two populations of southern sea lions (Otaria) Tj ETQq1 1 0.7	84314 rgB	T <u>/Q</u> verlock
54	Skin biopsy as a nondestructive tool for the toxicological assessment of endangered populations of pinnipeds: Preliminary results on mixed function oxidase in Otaria flavescens. Chemosphere, 1997, 35, 1623-1635.	8.2	28

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55	PCB congeners, DDTs and hexachlorobenzene in Antarctic fish from Terra Nova Bay (Ross Sea). Antarctic Science, 1992, 4, 151-154.	0.9	25
56	Application of a suite of biomarkers in Posidonia oceanica (L.) delile to assess the ecotoxicological impact on the coastal environment. Marine Environmental Research, 2006, 62, S327-S331.	2.5	23
57	Endocrine Disruptors in Mediterranean Top Marine Predators. Environmental Science and Pollution Research, 2006, 13, 204-207.	5.3	23
58	Selection of reliable reference genes for qRT-PCR studies on cetacean fibroblast cultures exposed to OCs, PBDEs, and $17\hat{l}^2$ -estradiol. Aquatic Toxicology, 2008, 87, 178-186.	4.0	23
59	Pilot study on levels of chemical contaminants and porphyrins in Caretta caretta from the Mediterranean Sea. Marine Environmental Research, 2014, 100, 33-37.	2.5	23
60	Anthropogenic contaminants in Indo-Pacific humpback and Australian snubfin dolphins from the central and southern Great Barrier Reef. Environmental Pollution, 2013, 182, 490-494.	7.5	22
61	Ecotoxicological status of seven sperm whales <i>(Physeter macrocephalus)</i> stranded along the Adriatic coast of Southern Italy. Aquatic Conservation: Marine and Freshwater Ecosystems, 2014, 24, 103-118.	2.0	22
62	Could feeding habit and migratory behaviour be the causes of different toxicological hazard to cetaceans of Gulf of California (Mexico)?. Environmental Science and Pollution Research, 2014, 21, 13353-13366.	5.3	21
63	Multidisciplinary studies on a sick-leader syndrome-associated mass stranding of sperm whales (Physeter macrocephalus) along the Adriatic coast of Italy. Scientific Reports, 2018, 8, 11577.	3.3	21
64	Evaluation of PCDD/Fs, dioxin-like PCBs and PBDEs in sperm whales from the Mediterranean Sea. Science of the Total Environment, 2019, 653, 1417-1425.	8.0	20
65	Use of biomarkers to investigate toxicological effects of produced water treated with conventional and innovative methods. Marine Environmental Research, 2006, 62, S347-S351.	2.5	19
66	The Gulf of Ambracia's Common Bottlenose Dolphins, Tursiops truncatus. Advances in Marine Biology, 2016, 75, 259-296.	1.4	19
67	Bioaccumulation of organochlorine compounds in large, threatened elasmobranchs off northern New South Wales, Australia. Marine Pollution Bulletin, 2019, 139, 263-269.	5.0	19
68	PCB levels in bird blood and relationship to MFO responses. Chemosphere, 1996, 33, 699-710.	8.2	18
69	Use of immunofluorescence technique in cultured fibroblasts from Mediterranean cetaceans as new "in vitro―tool to investigate effects of environmental contaminants. Marine Environmental Research, 2008, 66, 151-153.	2.5	17
70	First application of comet assay in blood cells of Mediterranean loggerhead sea turtle (Caretta) Tj ETQq0 0 0 rgB	T /Oyerloc	k 10 Tf 50 14
71	Persistent Organic Pollutants in Cetaceans Living in a Hotspot Area. , 2018, , 185-212.		16
72	An " <i>ex vivo</i> ―model to evaluate toxicological responses to mixtures of contaminants in cetaceans: Integumentum biopsy slices. Environmental Toxicology, 2014, 29, 1107-1121.	4.0	15

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73	Insights Into Cetacean Immunology: Do Ecological and Biological Factors Make the Difference?. Frontiers in Immunology, 2019, 10, 1219.	4.8	15
74	Recalcitrant organochlorine compounds in captive bottlenose dolphins (Tursiops truncatus): Biomagnification or bioaccumulation?. Chemosphere, 1995, 31, 3919-3932.	8.2	14
75	Mixed function oxidase activity and chlorinated hydrocarbon residues in antarctic sea birds: South polar skua (Catharacta maccormicki) and adélie penguin (Pygoscelis adeliae). Marine Environmental Research, 1992, 34, 201-205.	2.5	13
76	Multi-trial biomarker approach in Meganyctiphanes norvegica: a potential early indicator of health status of the Mediterranean "whale sanctuary― Marine Environmental Research, 2002, 54, 761-767.	2.5	13
77	Porphyrins in excreta: a nondestructive biomarker for the hazard assessment of birds contaminated with PCBs. Chemosphere, 1996, 33, 29-42.	8.2	12
78	First report of Salmonella 1,4,[5],12:i:- in free-ranging striped dolphins (Stenella coeruleoalba), Italy. Scientific Reports, 2019, 9, 6061.	3.3	12
79	Biological threats and environmental pollutants, a lethal mixture for mediterranean cetaceans?. Journal of the Marine Biological Association of the United Kingdom, 2014, 94, 1221-1225.	0.8	10
80	Cetacean Poxvirus in Two Striped Dolphins (Stenella coeruleoalba) Stranded on the Tyrrhenian Coast of Italy: Histopathological, Ultrastructural, Biomolecular, and Ecotoxicological Findings. Frontiers in Veterinary Science, 2018, 5, 219.	2.2	10
81	Insights Into Dolphins' Immunology: Immuno-Phenotypic Study on Mediterranean and Atlantic Stranded Cetaceans. Frontiers in Immunology, 2019, 10, 888.	4.8	10
82	Geographic and temporal variation in persistent pollutants in Australian humpback and snubfin dolphins. Ecological Indicators, 2020, 111, 105990.	6.3	10
83	Assessment of PCDD/Fs, dioxin-like PCBs and PBDEs in Mediterranean striped dolphins. Marine Pollution Bulletin, 2020, 156, 111207.	5.0	10
84	Sunscreens' UV Filters Risk for Coastal Marine Environment Biodiversity: A Review. Diversity, 2021, 13, 374.	1.7	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. Diversity, 2022, 14, 94.	1.7	10
86	Interspecific differences in mixed function oxidase activity in birds: a tool to identify â€~species at risk'. Science of the Total Environment, 1995, 171, 221-226.	8.0	9
87	The use of porphyrins as a non-destructive biomarker of exposure to contaminants in two sea lion populations. Marine Environmental Research, 2002, 54, 769-773.	2.5	9
88	Occlusive mycotic tracheobronchitis and systemic Alphaherpesvirus coinfection in a free-living striped dolphin Stenella coeruleoalba in Italy. Diseases of Aquatic Organisms, 2018, 127, 137-144.	1.0	9
89	Integrated biomarker responses in European seabass Dicentrarchus labrax (Linnaeus, 1758) chronically exposed to PVC microplastics. Journal of Hazardous Materials, 2022, 438, 129488.	12.4	9
90	Induction of mixed function oxidase (MFO) system in two species of antarctic fish from Terra Nova Bay (Ross Sea). Polar Biology, 1992, 12, 721.	1.2	8

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91	Effect of the 1990 die-off in the northern Italian seas on the developmental stability of the striped dolphinStenella coeruleoalba (Meyen, 1833). Biological Journal of the Linnean Society, 2000, 71, 61-70.	1.6	8
92	MR Characterization of Hepatic Lesions by t-Null Inversion Recovery Sequence. Journal of Computer Assisted Tomography, 1990, 14, 96-101.	0.9	7
93	Organochlorine Compounds in Pelicans (Pelecanus crispus and Pelecanus onocrotalus) Nesting at Lake Mikri Prespa, North Western Greece. Bulletin of Environmental Contamination and Toxicology, 1999, 62, 383-389.	2.7	7
94	Trace element concentrations in the Mediterranean monk seal (Monachus monachus) in the eastern Mediterranean Sea. Science of the Total Environment, 2017, 576, 528-537.	8.0	7
95	Spatio-temporal patterns of genetic diversity in the Mediterranean striped dolphin (<i>Stenella) Tj ETQq1 1 0.784.</i>	314 rgBT /	/Qverlock 10
96	Evidence for Unknown Sarcocystis-Like Infection in Stranded Striped Dolphins (Stenella) Tj ETQq0 0 0 rgBT /Overlo	ock_10 Tf	50 542 Td (c
97	Are the Mediterranean Top Predators Exposed to Toxicological Risk Due to Endocrine Disrupters?. Annals of the New York Academy of Sciences, 2001, 948, 67-74.	3.8	6
98	Evaluation of hematoma by MRI in follow-up of aorto-femoral bypass. Magnetic Resonance Imaging, 1991, 9, 247-253.	1.8	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. Bulletin of Environmental Contamination and Toxicology, 1992, 49, 686-93.	2.7	4
101	Cetacean mass strandings and multidisciplinary work. Chemosphere, 2016, 148, 32-33.	8.2	4
102	Assessment of the causes of Hg bioaccumulation in the fish of a Mediterranean lagoon subject to environmental management interventions. Marine Pollution Bulletin, 2021, 162, 111907.	5.0	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. Marine Ecology, 2002, 23, 184-189.	1.1	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. Natural History Sciences, 2012, 153, 145.	0.5	3
107	Western blot expression of 5-lipoxygenase in the brain from striped dolphins (stenella coeruleoalba) and bottlenose dolphins (tursiops truncatus) with or without encephalitis/meningo-encephalitis of infectious nature. Journal of Biological Regulators and Homeostatic Agents, 2015, 29, 245-50.	0.7	3
108	Ecotoxicological Characterization of Type C Killer Whales From Terra Nova Bay (Ross Sea,) Tj ETQq0 0 0 rgBT /Ove	rlock 10 T 2.5	f 50 67 Td (/ 3

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#	Article	IF	CITATIONS
109	Ecotoxicological status of Tursiops truncatus in the Mediterranean Sea and in the Gulf of California (Sea of Cortez-Mexico) using skin biopsy as diagnostic tool. Comparative Biochemistry and Physiology Part A, Molecular & Ditegrative Physiology, 2010, 157, S26.	1.8	2
110	Polycyclic Aromatic Hydrocarbon-DNA Adducts in Gulf of Mexico Sperm Whale Skin Biopsies Collected in 2012. Toxicological Sciences, 2021, 181, 115-124.	3.1	2
111	Development and application of molecular biomarkers for ecotoxicological monitoring in Stenella coeruleoalba (Cetacea, Odontoceti). Comparative Biochemistry and Physiology Part A, Molecular & Amp; Integrative Physiology, 2010, 157, S26.	1.8	1
112	A non-lethal multi-biomarker approach to investigate the ecotoxicological status of Mediterranean loggerhead sea turtle (Caretta caretta, Linneo, 1758). Comparative Biochemistry and Physiology Part A, Molecular & D, Integrative Physiology, 2010, 157, S23-S24.	1.8	0
113	Biomarker responses in mosquito fish (Gambusia affinis) to in vivo exposure to produced waters. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2012, 163, S16.	1.8	O
114	Characterization of CYP1A and gene expression profiling in three mysticete species. Comparative Biochemistry and Physiology Part A, Molecular & Entry Integrative Physiology, 2012, 163, S28-S29.	1.8	0