

CLAUDIO LEONZIO

PUBBLICAZIONI IN LINGUA INGLESE

1. Bacci E., C. Leonzio, A. Renzoni (1978). Mercury decontamination in a river of mount Amiata. Bull. Environm. Contam. Toxicol. 20: 577-581.
2. Bacci E., S. Focardi, C. Leonzio, A. Renzoni (1980). Mercury concentration in muscle, liver and stomach content of *Mullus barbatus* of the northern Tyrrhenian. RAC II (FAO/GFMC/UNEP coordinated project on pollution in the Mediterranean), 2 (1): 5-10
3. Leonzio C., E. Bacci, S. Focardi, A. Renzoni (1981). Heavy metals in organisms from the northern Tyrrhenian sea. *The Sci. Total Environ.*, 20: 131-146.
4. Leonzio C., S. Focardi, E. Bacci (1982). Complementary accumulation of selenium and mercury in fish muscle. *The Sci. Total Environ.*, **24**: 249:254.
5. Renzoni A., S. Focardi, C. Leonzio, C. Fossi, A. Mocci Demartis (1982). Contaminants of resident and migratory birds of the Mediterranean sea. *Thalassia Jugosl.*, **18** (1-4): 245-251.
6. Cottiglia M., S. Focardi, C. Leonzio, C. Mascia, A. Renzoni, C. Fossi (1982). Contaminants in tissues of shore-birds from a polluted lagoon of the Sardinia island. Proceedings *Vies Journées Etudes Pollution Marines en Méditerranée*, Cannes, C.I.E.S.M 1982., p293-297.
7. Focardi S., E. Bacci, C. Leonzio, G. Crisetig (1984). Chlorinated hydrocarbons in marine animals from the northern Tyrrhenian sea (N.W. Mediterranean). *Thalassia Jugoslav.*, **20** (1): 37-43.
8. Focardi S., C. Fossi, C. Leonzio, M.A. Paladini (1984). Uptake of contaminants by birds wintering in an Italian lagoon. *Vies Journées Etud. Pollution*, Lucerne, C.I.E.S.M. 1984, p467-470
9. Fossi C., S. Focardi, C. Leonzio, A. Renzoni (1984). Trace metals and chlorinated hydrocarbons in bird's eggs from the delta of Danube. *Environ. Cons.*, **11** (4): 345-350.
10. Bargagli R., F. Baldi, C. Leonzio (1985). Trace metal assessment in sediments, molluscs and reed leaves in the bay of Follonica (Italy). *Mar. Environ. Res.*, **16** (4): 281-300.
11. Bargagli R., S. Focardi, C. Fossi, C. Leonzio (1985). Mercury, selenium, cadmium and lead in three species of selachii from the Tyrrhenian sea. *Nova Thalassia*, **7** (3): 217-222.
12. Focardi S., R. Bargagli, C. Fossi, C. Leonzio (1985). Chlorinated hydrocarbons in selachii of the Tyrrhenian sea. *Nova Thalassia*, **7** (3): 223-228.
13. Cottiglia M., S. Focardi, C. Fossi, C. Leonzio, C. Mascia, A. Renzoni (1986). Contaminants in tissues of water-birds wintering in three italian lagoons. *Ricerche di Biologia della Selvaggina* (Suppl.), **10**:101-110.
14. Leonzio C., S. Focardi, C. Fossi, A. Renzoni (1986). Seabirds as indicators of mercury pollution in the Mediteranean. *FAO Fisheries Report* (suppl.), **325** :116-121.

15. Renzoni A., S. Focardi, C. Fossi, C. Leonzio, J. Mayol (1986). Comparison between concentrations of mercury and other contaminants in eggs and tissues of Cory's Shearwater (*Calonectris diomedea*) collected on Atlantic and Mediterranean islands. *Environ. Poll. (Ser.A)*, **40**: 17-37
16. Focardi S., C. Leonzio, C. Fossi, R. Romei (1986). PCB congeners, hexachlorobenzene and organochlorine insecticides in human fat in Italy. *Bull. Environ. Contam. Toxicol.*, **36**: 644-650.
17. Leonzio C., C. Fossi, S. Focardi (1986). Heavy metals and selenium variation in a migratory bird wintering in a mercury-polluted lagoon. *Bull. Environ. Contam. Toxicol.*, **37**: 219-225.
18. Lambertini M.& C. Leonzio (1986). Pollutant levels and their effects on mediterranean seabirds. in "Mediterranean Marine Avifauna". NATO ASI ser., G12: 359-378 (Medmaravis, X. Monbaillou eds.), Springer Verlag Berlin.
19. Phelps R.J., S. Focardi, C. Fossi, C. Leonzio, A. Renzoni (1986). Chlorinated hydrocarbons and heavy metals in crocodile eggs from Zimbabwe. *Trans. Zimbabwe Scient. Ass.*, **63** (2): 8-15.
20. Fossi C., C. Leonzio, S. Focardi (1986). Increase of organochlorine and MFO activity in water-birds wintering in an italian lagoon. *Bull. Environm. Contam.*, **37**: 538-543.
21. Leonzio C., C. Fossi, S. Focardi (1986). Lead, mercury, cadmium, and selenium in two species of gull feeding on inland dump and marine areas. *The Sci. Total Environ.*, **57**: 121-127.
22. Fossi C., C. Leonzio, S. Focardi (1986). Mixed function oxidase activity and cytochrome P-450 forms in black-headed gull feeding in different areas. *Mar. Pollut. Bull.*, **17** (12): 546-548.
23. Leonzio C., A. Pisani (1987). An evaluative model for lead distribution in roadside ecosystems. *Chemosphere*, **16** (7): 1387-94
24. Focardi S., C. Fossi, C. Leonzio (1987). Polychlorinated biphenyl congeners in mediterranean waterbirds. *8th Eur. Conf. Environ. Pollut.*, Dusseldorf 1987. p1-9
25. Fossi C., C. Leonzio, S. Focardi (1988). Biochemical and physiological responses in *Gobijdae* experimentally exposed to PCBs. *Mar. Environ. Res.*, **24**: 113
26. Fossi C., C. Leonzio, S. Focardi, A. Renzoni (1988). Seasonal variations in aldrin epoxidase activity (MFO) of Yellow-legged herring gulls: the relationship to breeding and PCB residues. *Bull. Environ. Contam. Toxicol.*, **41**: 365-370.
27. Focardi S., Fossi C., Lambertini M., Leonzio C., A. Massi (1988). Long term monitoring of pollutants in eggs of Yellow-legged herring gull from Capraia island (Tuscan Archipelago). *Environ. Monit. Ass.*, **10**: 43-50.
28. Focardi S., C. Leonzio, C. Fossi (1988). Variations in polychlorinated biphenyl congener composition in egg of mediteranean waterbirds in relation to their position in the food chain. *Environ. Pollut. (ser. A)*, **52**: 243-255

29. Fossi C., C. Leonzio, S. Focardi (1988). The influence of sexual cycle on the MFO activity: a practical problem in biomonitoring. *American Chem. Soc. Pub.*, **28** (2): 264-266
30. Fossi C., C. Leonzio, S. Focardi, A. Renzoni (1988). The Black-headed Gull's adaptation to polluted environment: the role of the mixed function oxidase detoxication system. *Environ. Conserv.*, **15**: 221-224.
31. Focardi S., C. Fossi, C. Leonzio, Renzoni A. (1989). Contaminants in resident and migratory water-birds of the Mediterranean area. *F.A.O. Map Techn. Rep.*, **32**: 59-81.
32. Leonzio C., A. Massi (1989). Metal biomonitoring in bird eggs: a critical experiment. *Bull Environ. Contam. Toxicol.*, **43**: 402-406
33. Crivelli A., S. Focardi, C. Fossi, C. Leonzio, A. Massi, A. Renzoni (1989). Trace elements and chlorinated hydrocarbons in eggs of *Pelecanus crispus* a world endangered bird species nesting at lake Mikri Prespa, north western Greece. *Environ. Pollut.* (ser. A), **61**: 235-247.
34. Fossi C., C. Leonzio, S. Focardi, D. Peakall (1989). Avian mixed function oxidase induction as a monitoring device: the influence of normal physiological functions. in *"Markers of Environmental Contamination"* cap.7 (Lewis Pub. Inc.), Chelsea, Michigan, U.S.A.
35. Fossi C., C. Leonzio, S. Focardi (1989). Seasonal variation of MFO activity in a population of Yellow-Legged herring gull: relationship of sexual cycle and pollutants. *Mar. Environ. Res.*, **28**: 35-41.
36. Focardi S., C. Fossi, C. Leonzio, P. Di Simplicio (1989). Mixed function oxidase activity and conjugating enzymes in two species of Antarctic fish. *Mar. Environ. Res.*, **28**: 31-33.
37. Leonzio C., M. Lambertini, A. Massi, S. Focardi, C. Fossi (1989). An assessment of pollutants in eggs of Audouin's Gull (*Larus audouinii*), a rare species of the Mediterranean sea. *The Sci. Total Environ.*, **78**: 13-22.
38. Fossi C., Leonzio C., Focardi S. (1989). Regulatory detoxication responses in *Gobidae* experimentally exposed to PCBs. *Ecotoxicol. Environ. Safety*, **18**: 11-14.
39. Di Simplicio P., C. Leonzio (1989). Effects of selenium and mercury on glutathione and glutathione dependent enzymes in experimental quail. *Bull. Environ. Contam. Toxicol.*, **42**: 15-21.
40. Di Simplicio P., M. Gorelli, P. Ciuffreda, C. Leonzio (1990). The relationship between the gamma glutamyl transpeptidase and Hg levels in Se/Hg antagonism in mouse liver and kidney. *Pharmacological Research*, **22**:515-526.
41. Focardi S., Bargagli R., Fossi M.C., Leonzio C., Marsili L., Court G., Davis L. (1991) Chlorinated Hydrocarbons and trace elements in eggs of South Polar Skua and Adelie Penguin. *Ecological Approaches of Environmental Chemicals (Proceedings)*. Debrecen, Hungary, April 1991. p 84-89.
42. Fossi M.C., C. Leonzio, S. Focardi, L. Lari, A. Renzoni (1991). Modulation of MFO activity in Black-headed gulls living in anthropic environments: biochemical acclimatization or adaptation?. *Environ. Toxicol. Chem.*, **10**:1179-1188

43. Focardi S., M.C. Fossi, C. Leonzio, L. Lari; L. Marsili (1992) Mixed function oxidase activity and chlorinated hydrocarbon residues in antarctic seabirds: South Polar Skua (*Catharacta maccormicki*) and Adelie Penguin (*Pygoscelis adeliae*). *Mar. Environ. Res.* **34**:201-205.
44. Leonzio C., Fossi M.C., Lari L., Focardi S. (1992) Influence of cadmium on polychlorobiphenyls uptake, MFO activity and serum lipid levels in japanese quail. *Arch. Environ. Contam. Toxicol.* **22**:238-241.
45. Marsili L., Focardi S., Cuna D., Leonzio C., Casini L., Bortolotto A., Stanzani L. (1992) Chlorinated hydrocarbons and heavy metals in tissues of Striped dolphin (*Stenella coeruleoalba*) stranded along the Apulian and Sicilian coasts (Summer 1991). *Proceedings Sixth Annual Conference of the European Cetacean Society*, Sanremo, 20-22 February 1992. p 234-237.
46. Focardi S., Leonzio C., Fossi M.C., Bargagli R., Lari L., Marsili L., Casini S., Corsolini S. (1992) Chlorinated hydrocarbons, trace elements and mixed function oxidases (MFO) activity in antarctic organisms. *Proceedings of the 2nd Meeting on Antarctic Biology*, Padova Feb. 1992. 207-226.
47. Focardi S., Marsili L., Leonzio C., Zanardelli M., Notarbartolo di Sciara G. (1992) Organochlorines and trace elements in skin biopsies of Fin whale (*Balenoptera physalus*) and Striped dolphin (*Stenella coeruleoalba*). *Proceedings Sixth Annual Conference of the European Cetacean Society*, Sanremo, 20-22 February 1992. p 230-233.
48. Fossi M.C., Marsili L., Leonzio C., Notarbartolo di Sciara G., Zanardelli M., Focardi S. (1992) The use of non-destructive biomarker in Mediterranean Cetaceans: preliminary data on MFO activity in skin biopsy. *Mar. Pollut. Bull.* **24**: 459-461.
49. Leonzio C., Focardi S., Fossi M.C. (1992) Heavy metals and selenium in stranded dolphins of the Northern Tyrrhenian (NW Mediterranean). *The Sci. Total Environ.*, **119**: 77-84.
50. Leonzio C., Marsili L., Focardi S. (1992) Influence of cadmium on PCB congener accumulation in quail. *Bull. Environ. Contam. Toxicol.* **49**:686-693.
51. Focardi S., Fossi C., Lari L., Marsili L., Leonzio C., Casini S. (1992) Induction of mixed function oxidase (MFO) system in two species of antarctic fish from Terra Nova Bay (Ross Sea). *Polar Biol.* **12**: 721-725.
52. Di Simplicio P., Gorelli M., Vignani R., Leonzio C. (1993) The differential modulation of the enzymes of glutathione metabolism as indication of overlapping effects of toxicity and repair in mouse liver and kidney after dietary treatment with methylmercury and sodium selenite. *Biological Trace Element. Res.*, **36**: 167-181.
53. Fossi M.C., Marsili L., Leonzio C., Notarbartolo Di Sciara G., Zanardelli M., Focardi S. (1993) Skin biopsies in cetaceans: a non-destructive method for biomarker studies. *Proceedings of the Seventh Annual Conference of the European Cetacean Society*, 18-21 February, Inverness (Scotland). p 279-281.
54. Nigro M., Leonzio C. (1993) Mercury selenide accumulation in dolphins. *Proceedings of the Seventh Annual Conference of the European Cetacean Society*, 18-21 February, Inverness (Scotland). p 212-215.

55. Fossi M.C., Leonzio C., Peakall D. (1993) The use of nondestructive biomarkers in the hazard assessments of vertebrate populations. *in* "Nondestructive biomarkers in vertebrates, Fossi M.C., C. Leonzio ed., Lewis Pub., Chelsea (USA), p.3-37
56. Leonzio C., Fossi M.C. (1993) Nondestructive biomarker strategy: perspectives and applications. *in* "Nondestructive biomarkers in vertebrates, Fossi M.C., C. Leonzio ed., Lewis Pub., Chelsea (USA), p.297-312
57. Fossi M.C., Leonzio C. (1993) Non destructive biomarkers in vertebrates (Preface). *in* "Nondestructive biomarkers in vertebrates, Fossi M.C., C. Leonzio ed., Lewis Pub., Chelsea (USA), p.II-X.
58. Lari L., Massi A., Fossi M.C., Casini S., Leonzio C., Focardi S. (1994) Evaluation of toxic effects of the organophosphorus insecticide Azinphos-Methyl in experimentally and naturally exposed birds. *Arch. Environ. Contamin. Toxicol.* 26, 234-239
59. Fossi M.C., Massi A., Leonzio C. (1994). Blood esterase inhibition in birds as an index of organophosphorus contamination: field and laboratory studies. *Ecotoxicology*, 3:5-11.
60. Fossi M.C., Massi A., Lari L., Marsili L., Focardi S., Leonzio C., Renzoni A. (1995) Interspecies differences in mixed function oxidase activity in birds: relationship between feeding habits, detoxication activities and organochlorine accumulation. *Environ. Poll.*, 90:15-24.
61. Focardi S., Fossi M.C., Lari L., Casini S., Leonzio C., Meidel S.K., Nigro M. (1995) Induction of MFO activity in the Antarctic fish *Pagothenia bernacchii*: preliminary results. *Mar. Environ. Res.* 39:97-100.
62. Fossi M.C., Focardi S., Leonzio C., Gavilan J.F., Barra R., Parra O. (1995) Use of biomarkers to evaluate the effects of xenobiotic compounds in the Bio bio basin (Central Chile). *Bull. Environ. Contam. Toxicol.* 55:36-42.
63. Fossi M.C., Massi A., Lari L., Marsili L., Focardi S., Leonzio C., Renzoni A. (1995) Interspecific differences in mixed function oxidase activity in birds: relationship between feeding habits, detoxication activities and organochlorine accumulation. *Environ. Pollut.*, 90: 15-24.
64. Fossi M.C., Massi A., Lari L., Leonzio C., Focardi S., Marsili L. (1995) interspecific differences in mixed function oxidase activity in birds: a tool to identify "species at risk": *The Sci. Total Environ.*, 171:221-226.
65. Leonzio C., Fossi M.C., Casini S. (1996) Porphirins as biomarkers of methylmercury and PCB exposure in experimental quail. *Bull. Environ. Contam. Toxicol.* 56:244-250
66. Parra O, Focardi S., Fossi M.C., Leonzio C., Barra R., Gavilan J.F. (1996) Use of biomarkers to evaluate the presence and effects of pentachlorophenols caused by forestry activities in the BioBio river basin (Central Chile). MEMORIALS, Seminario Internacional del Agua. 9-22, Giugno 1994, Mexico.
67. Leonzio C., Monaci F., Fossi M.C., Lari L., Mattei N., Corsolini S. / Multiresponse biomarker evaluation of interactions between methylmercury and arochlor 1260 in quail / *Ecotoxicology*, 5/6:365-376 / 1996.

68. Nigro M., Leonzio C. / Intracellular storage of mercury and selenium in different marine vertebrates / *Marine Ecology Progress Series*, 135: 137-143 / 1996.
69. Leonzio C., Fossi M.C., Casini S. / Porphirins as biomarkers of methylmercury and PCB exposure in experimental quail / *Bull. Environ. Contam. Toxicol.* 56:244-250 / 1996.
70. Focardi S., Fossi M.C., Leonzio C., Corsolini S. / Persistent organochlorine residues in fish and waterbirds from Biobio river, Chile / *Environ. Monit. Ass.*, 43:73-92 / 1996.
71. Focardi S., Leonzio C., Fossi M.C., Parra O., Gavilan J., Barra R. / Bioindicators and biomarkers for evaluating levels of pollution in the Biobio river basin / *Proceedings of the International Colloquium EULA* (Italian-Chilean cooperation project), p 64-66, Paris sept. 1994 / 1996.
72. Fossi M.C., Marsili L., Junin M., Castello H., Lorenzani J.A., Casini S., Savelli C., Leonzio C. / Use of nondestructive biomarkers and residues analysis to assess the health status of endangered species of pinnipeds in the South/West Atlantic / *Mar. Pollut. Bull.*, 34(3):157-162 / 1997.
73. Fossi M.C., Marsili L., Leonzio C., Casini S., Monaci F., Savelli C., Hernandez Sanchez J.C., Castello H., Junin M., Lorenzani J.A., Lorenzani J. / The use of nondestructive biomarkers to assess the health status of endangered species of pinnipeds in the Southern Atlantic / in *Pollution Processes in Coastal Environments* (Jorge Marcoveccio Ed.) Foundation Mar del Plata Aquarium. Mar del Plata / 1996.
74. Leonzio C. / Terminal consumers and mercury in the marine ecosystem / *Proceedings III International Meeting Siena-Kyoto(KSS)* / 1997.
75. Ferretti M., Leonzio C., Celesti C., Cenni E., Cozzi A. / Foliar symptoms and nutritional status. Intensive Monitoring of Forest in Toscana. Project "Studies on Forest Damage" / *Paper no.4 of the MONITO Program*. Regione Toscana. 51-56 / 1996.
76. Celesti C., Leonzio C., Cenni E., Ferretti M. / Deposition chemistry. Intensive Monitoring of Forest in Toscana. Project "Studies on Forest Damage" / *Paper no.4 of the MONITO Program*. Regione Toscana. 75-78 / 1996.
77. SAVELLI C., FOSSI M.C., FOCARDI S., GAVILAN J.F., BARRA R., PARRA O., CASINI S., CORSOLINI S., LEONZIO C. (1997) - Bioconcentration of pentachlorophenol (PCP), effects on enzyme activities and changes in porphyrin metabolism in *Carassius auratus*. *Pharmacological Research*, 35(3): 221
78. Monaci F, Borrel A., Leonzio C., Marsili L., Calzada N. / Trace elements in striped dolphin (*Stenella coeruleoalba*) from the western Mediterranean / *Environ. Pollut.* 99:61-68 / 1998.
79. Focardi S., Fossi M.C., Leonzio C., Aurigi S., Casini S., Corsi I., Corsolini S., Monaci F., Sanchez-Hernandez J.C.,-Bioaccumulation and biomarker responses to organochlorines, polycyclic aromatic hydrocarbons and trace metals in adriatic sea fish fauna. *Rapp. Comm. Int. Mer Medit.* 35:256-257/1998

80. Sanchez-Hernandez J.C., Fossi M.C., Leonzio C., Focardi S.,- Use of biochemical biomarkers as a screening tool to focus the chemical monitoring of organic pollutants in the BioBio river basin (Chile). *Chemosphere*, 37(4):699-710/1998
81. Canesi L., Viarengo A., Leonzio C., Filippelli M., Gallo G. / Heavy metals and glutathione metabolism in mussel tissues / *Aquatic Toxicology* 46:67-76 / 1999
82. Ferretti M., Bonini I., Bussotti F., Celesti C., Cenni E., Chiarucci A., Cozzi A., De Dominicis V., Grossoni P., Leonzio C. - Short-term changes of response indicators of ecosystem status in broadleaved forests in Tuscany (Central Italy). *Water Air Soil Pollution*, 116: 351-356 / 1999
83. Corsolini S., Focardi S., Leonzio C., Lovari S., Monaci F., Romeo G.,- Heavy metals and chlorinated hydrocarbon concentrations in the red fox in relation to some biological parameters. *Environmental Monitoring and Assessment*,54:87-100/1999.
84. Bussotti F., Borghini F., Celesti C., Leonzio C., Bruschi P./Leaf morphology and macronutrients in broadleaved trees in central Italy/ *Trees* 14:361-368/2000
85. Casini S., Fossi M.C., Gavilan J.F., Barra R., Parra O., Leonzio C., Focardi S./Porphyrin levels in excreta of seabirds of the Chilean coasts as nondestructive biomarker of exposure to environmental pollutants/*Arch. Environm. Contam. Toxicol.* 41:65-72/2001
86. Ancora S., V. Volpi, S. Olmastroni, S. Focardi, C. Leonzio/ Assumption and elimination of trace elements in Adeliae penguins: a preliminary study. *Marine Environmental Research*, 54:341-344,2002.
87. Ancora S., R. Rossi, P. Di Simplicio, L. Lusini and C. Leonzio/ *In vitro* study of methylmercury in blood of bottlenosed dolphins (*Tursiops truncatus*). *Archives of Environmental Contamination and Toxicology*, 42:348-353, 2002.
88. Fossi M.C., J. F. Borsani, R. Di Mento, L. Marsili , S. Casini, G. Neri, G. Mori, S. Ancora, C. Leonzio, R. Minutoli, and G. Notarbartolo di Sciara/ Multi-Trial Biomarker Approach in *Meganyctiphanes norvegica* as an early indicator of health status of the Mediterranean “whale sanctuary”. *Marine Environmental Research*,. 54:761-767, 2002.
89. Chiarucci A., Rocchini D., Leonzio C., De Dominicis V./ A test of vegetation-environment relationship in serpentine soils of Tuscany, Italy/*Ecological Research* 16:627.639/2001
90. Loppi S., Frati L., Benedettini G., Leonzio C./2002Geothermal energy and air pollution at Larderello (Tuscany, central Italy): biodiversity of epiphytic lichens as indicator/*Israel Journal of Plant Sciences*, 50:119-126.
91. Bussotti F., Borghini F., Celesti C., Leonzio C., Cozzi A., Bettini D., Ferretti M. (2002) Leaf shedding, crown condition and element return in two mixed holm oak forest in Tuscany, central Italy. *Forest Ecology and Management* 6023:21-13.
92. Casini S., Fossi M.C., Leonzio C. Renzoni A./2003/ Review: Porphyrins as biomarkers for hazard assessment of bird populations: destructive and non-destructive use. *Ecotoxicology*. 12:297-305.

93. Migliorini M., Pigino G., Bianchi N., Bernini F., Leonzio C / 2004/ The effects of heavy metal contamination on the soil arthropod community of a shooting range. *Environmental Pollution* 129:331-340.
94. Ancora S., Bianchi N., Butini A., Buia M.C., Gambi M.C., Leonzio C./ 2004/ *Posidonia Oceanica* as a biomonitor of trace elements in the Gulf of Naples: temporal trends by lepidochronology. *Environmental Toxicology and Chemistry*. 23(5):1093-1099.
95. Mauceri A., Fossi M.C., Leonzio C., Ancora S., Minniti F., Malsano M., Lo Cascio P., Ferrando S., Fasulo S./2005/ Stress factors in the gills of *Liza aurata* (Perciformes, Mugilidae) living in polluted environments. *Ital. J. Zoology*. 72:285-292.
96. Bucalossi D., Leonzio C., Casini S., Fossi M.C., Marsili L., Ancora S., Wang W., Scali M./ 2006/ Application of a suite of biomarkers in *Posidonia Oceanica* (L.) Delile to assess the ecotoxicological impact on the coastal environment. *Marine Environmental Research* 62:S327-S331.
97. BORGHESI N., S. CORSOLINI, A. SCHIAVONE, C. LEONZIO, S. E. FOCARDI (2006) Recent changes in HCB and PCB levels in herring gull (*Larus argentatus*) and Audouin's gull (*Larus audouinii*) eggs from the north western Mediterranean. *Organohalogen Compounds*, 68:1012 -1015.
98. ANCORA S., BIANCHI N., LEONZIO C., RENZONI A. (2008) Heavy metals in flamingos (*Phoenicopterus ruber*) from italian wetlands: the problem of ingestion of lead shot. *Environmental Research*, 107:229-236. (IF 3.377)
99. LEONZIO C., BIANCHI N., GUSTIN M., SORACE A., ANCORA S. (2009) Mercury, Lead and Copper in Feathers and Excreta of Small Passerine Species in Relation to Foraging Guilds and Age of Feathers, *Bulletin Environmental Contamination and Toxicology* 83:693–697. (IF 0.711)
100. Crocetti S., Piantelli F., Leonzio C. (2011). Selective destabilization of tumor cells with pulsed electric and magnetic sequences: a preliminary report.. *ELECTROMAGNETIC BIOLOGY AND MEDICINE*, vol. 30, p. 128-135, ISSN: 1536-8378
101. Mazzariol S., Di Guardo G., Petrella A., Marsili L., Fossi M.C., Leonzio C., Zizzo N., Vizzini S., Gaspari S., Pavan G., Podestà M., Garibaldi F., Ferrante M., Copat C., Traversa D., Marcer F., Airoidi S., Frantzis A., De Bernardo Quiròs Y., Cozzi B., Fernández A. (2011). Sometimes Sperm Whales (*Physeter macrocephalus*) Cannot find their Way Black to the high seas: a multidisciplinary study on a mass stranding.. *PLOS ONE*, vol. 6, p. 194-211, ISSN: 1932-6203, doi: 10.1371/journal.pone.001941
102. Caterina Ciacci, Cristina Barmo, Gabriella Gallo, Maria Maisano, Tiziana Cappello, Alessia D'Agata, Claudio Leonzio, Angela Mauceri, Salvatore Fasulo, Laura Canesi (2012) Effects of sublethal, environmentally relevant concentrations of hexavalent Chromium in the gills of *Mytilus galloprovincialis*, *Aquatic Toxicology* 120-121; p 109-118

103.Claudio Leonzio, Giuseppe Bonanno, Marcella Rizzo, Rosina Matarese Palmieri (2012) A statistical analysis on *Spartium junceum* and *Genista aetnensis* as heavy metal biomonitors of urbanized areas, *Boll. di mat. pura ed appl.* Vol. V (2012)