

1. Della Torre C., Bocci E., Focardi S., **Corsi I.** (2013). Differential expression and efflux activity of ABCB and ABCC transport proteins in gills and hemocytes of *Mytilus galloprovincialis* and their involvement in cadmium response. *Marine Environmental Research* (doi.org/10.1016/j.marenvres.2013.06.005).
2. **Corsi Ilaria** (2013). Nanoparticelle ingegnerizzate ed ambiente marino: utilizzo responsabile e sostenibilità. *Etruria Natura*, journal of the Accademia dei Fisiocritici. July issue.
3. Della Torre C., Mariottini M., Malysheva A., Focardi S. and **I. Corsi** (2013). Occurrence of PCDD/PCDFs and PCBs in soil and comparison with CYP1A response in PLHC-1 cell line. *Ecotoxicology and Environmental Safety*, 94: 104-111.
4. Della Torre C., Petochi T., Farchi C., **Corsi I.**, Di Nardo M.M., Sammarini V., Alcaro L., Mechelli L., Focardi S., Tursi A., Marino G., Amato E. (2013). Environmental hazard of yperite released at sea: sublethal toxic effects on fish. *Journal of Hazardous Materials*, 248-249: 246-263.
5. Guerranti C., Sbordoni I., Fanello E.L., Borghini F., **Corsi I.**, Focardi S. (2013). Levels of phtalathes in human milk samples from central Italy. *Microchemical Journal*, 107: 178-181.
6. Cangialosi M.V., **Ilaria Corsi**, Stefano Bonacci, Cristiana Sensini, Nicola Cicero, Silvano Focardi and Antonio Mazzola (2013). Seasonal screening of AChE, GSH and gonad histology in European sea bass *Dicentrarchus labrax* L. reared in three different fish farms. *Natural Product Research*, 27 (10): 950-955.
7. Cangialosi M.V., **Ilaria Corsi**, Stefano Bonacci, Cristiana Sensini, Nicola Cicero, Silvano Focardi and Antonio Mazzola (2013). Screening of ecotoxicological, qualitative and reproductive variables in male European sea bass *Dicentrarchus labrax* (L.) reared in three different fish farms: Facility location and typology. *Natural Product Research*, 27 (7): 670-674.
8. Alcaro L., Della Torre C., Petochi T., Sammarini V., Matiddi M., **Corsi I.**, Baroni D., Giordano M., Marino G., Focardi S., Amato E. (2012). Studies on environmental effects of underwater chemical munitions in the Southern Adriatic Sea. *Marine Technology Society Journal*, 46: 1-11.
9. Trisciani A., Caruso T., Perra G., Focardi S. **Corsi I.** (2012). Phase I biotransformation enzymes reflect petroleum hydrocarbon contamination in the Mediterranean mussels from a marine coastal area located in front of an oil-refinery. *Marine Environmental Research*, 79: 29-36.
10. Della Torre C., Zaja R., Loncar J., Smital T., Focardi S. and **I. Corsi** (2012). Interaction of ABC transport proteins with toxic heavy metals at both gene and efflux activity in the PLHC-1 fish cell line. *Chemico-Biological Interactions*, 198: 9-17.
11. Matranga V. & **Corsi I.** (2012). Toxic effects of engineered nanoparticles in the marine environment: model organisms and molecular approaches. *Marine Environmental Research*, 76: 32-40.
12. Della Torre C, Biagini T, **Corsi I.** and S. Focardi (2011). Effects on CYP1A of the polycyclic musk Tonalide (AHTN) singly and in co-exposure with B(a)P and PCB 126 in PLHC-1 fish cell line. *Chemistry & Ecology*, 27 (S2): 1-9.
13. Randelli E., Rossini V., Safontas C., **Corsi I.**, Focardi S., Fausto A.M., Buonocore F. and G. Scapigliati (2011). Effects of the polycyclic ketone tonalide (AHTN) on some cell viability parameters and transcription of P450 and immunoregulatory genes in rainbow trout RTG-2 cells. *Toxicology in vitro*, 25: 1596-1602.
14. Della Torre C., Monti M.L., Focardi S., **Corsi I.** (2011). Time-dependent modulation of *cyp1a* gene transcription and EROD activity by musk xylene in PLHC-1 and RTG-2 fish cell lines. *Toxicology in vitro*, 25: 1575-1580.
15. Michela Marchi, Sven Erik Jørgensen, Eloy Bécarea, **Ilaria Corsi**, Nadia Marchettini, Simone Bastianoni. Dynamic model of Lake Chozas (León, NW Spain) (2011). Decrease in eco-exergy from clear to turbid phase due to introduction of exotic crayfish. *Ecological Modelling*, 222: 3002-3010.
16. Michela Marchi, Sven Erik Jørgensen, Eloy Bécarea, **Ilaria Corsi**, Nadia Marchettini, Simone Bastianoni (2011). Resistance and re-organization of an ecosystem in response to biological invasion: some hypotheses. *Ecological Modelling*, 222: 2992-3001.
17. Trisciani A., **Corsi I.**, Della Torre C., Perra G., Focardi S. (2011) Hepatic biotransformation genes and enzymes and PAH metabolites in bile of common sole (*Solea solea*, Linnaeus, 1758) from an oil-contaminated site in the Mediterranean Sea. A field study. *Marine Pollution Bulletin*, 62: 806-814.
18. Marchettini N., Marchi M., **Corsi I.**, Tiezzi E. (2011). A thermodynamic approach to biological invasions. *International Journal of Design and Nature and Ecodynamics*, 6: 10-19.

19. **Corsi I.**, Tabaku A., Nuro A., Beqiraj S., Marku E., Perra G., Tafaj L., Baroni D., Bocari D., Guerranti C., Cullaj A., Mariottini M., Shundi L., Volpi V., Zucchi S., Pastore A.M., Iacocca A., Trisciani A., Graziosi M., Piccinetti M., Benincasa T., Focardi S. (2011). Ecotoxicological assessment of Vlora Bay (Albania) by a biomonitoring study using an integrated approach of sub-lethal toxicological effects and contaminants levels in bioindicator species. *Journal of Coastal Research*, 58: 116-120.
20. Carbonara P., **Corsi I.**, Focardi S., Lembo G., Rochira S., Scolamacchia M., Spedicato M.T., McKinley R.S. (2010). The effects of stress induced by cortisol administration on the repeatability of swimming performance tests in the European sea bass (*Dicentrarchus labrax*, L. *Marine and Freshwater Behaviour and Physiology*, 43: 283-296.
21. Zucchi S., **Corsi I.**, Luckenbach T., Bard S.M., Regoli F., Focardi S. (2010). Identification of five partial ABC-transporter genes in the liver of the Antarctic fish *Trematomus bernacchii* : sensitivity of ABCB1 and ABCC2 to Cd. *Environmental Pollution*, 158: 2746-2756.
22. Della Torre C., **Corsi I.**, Nardi F., Perra G., Tomasino M.P., Focardi S. (2010). Transcriptional and post-transcriptional response of drug-metabolizing enzymes to PAHs contamination in red mullet (*Mullus barbatus*, Linnaeus 1758): A field study. *Marine Environmental Research*, 70: 95-101.
23. Bechi N., Ietta F., Romagnoli R., Jantra S., Cencini M., Galassi G., Serchi T., **Corsi I.**, Paulesu L., (2010). Environmental levels of para-nonylphenol are able to affect cytokine secretion in human placenta. *Environmental Health Perspectives*, 118 (3): 427-431.
24. Della Torre C., Petochi T., **Corsi I.**, Dinardo M.M., Baroni D., Alcaro L., Focardi S., Tursi A., Marino G., Frigeri A., Amato E. (2010). DNA damage, severe organ lesions and high muscle levels of As and Hg in two benthic fish species from a chemical warfare agents dumping site in the Mediterranean Sea. *Science of the Total Environment*, 408: 2136-2145.
25. Marchi M., **Corsi I.**, Tiezzi E. (2010). Biological invasions and their treat to ecosystems: two way to thermodynamic eutanasia. *Ecological Modelling*, 221: 882-883.
26. Cangialosi M. V., Mansueto V., Puccia E., **Corsi I.**, Bonacci S., Focardi S. and Mazzola A. (2009). A biochemical study of the effects of tributyltin on unfertilized eggs, embryos and larvae of the sea squirt *Ciona intestinalis* (Ascidiacea, Urochordata). *Caryologia*, 62: 309-315.
27. Burrioni C., Mariottini M., Della Torre C., **Corsi I.**, Caruso T., Sensini C., Perra G., Volpi V. Zucchi S. e S. Focardi (2009). Persistent organic pollutants and enzyme activities in European eel (*Anguilla anguilla*) from Orbetello Lagoon. *Transitional Waters Bulletin*, 3: 14-28.
28. Bonacci S., **Corsi I.**, Focardi S. (2009). Cholinesterases in the Antarctic scallop *Adamussium colbecki*: characterization and sensitivity to pollutants. *Ecotoxicology and Environmental Safety*, 72: 1481-1488.
29. Della Torre C., **Corsi I.**, Arukwe A., Valoti M., Focardi S. (2008). Interaction of 2,4,6-trinitrotoluene (TNT) with xenobiotic biotransformation system in European eel (*Anguilla anguilla*, Linnaeus, 1758). *Ecotoxicology and Environmental Safety*, 71: 798-805 .
30. Sensini C., Della Torre C., **Corsi I.**, Focardi S. (2008). First observation on 2,4,-trinitrotoluene (TNT) effects in European eel *Anguilla anguilla*. *Cell Biology and Toxicology*, 24: 621-628..
31. Della Torre C., **Corsi I.**, Focardi S., Arukwe A. (2008). Effects of 2,4,6-trinitrotoluene (TNT) on neurosteroidogenesis in the European eel (*Anguilla anguilla*) (Linnaeus, 1758). *Chemistry and Ecology*, 24:1-7.
32. Della Torre C., **Corsi I.**, Arukwe A., Alcaro L., Amato E., Focardi S. (2008). Effects of 2,4,6-trinitrotoluene (TNT) on phase I and phase II biotransformation enzymes in European eel *Anguilla anguilla* (Linnaeus, 1758). *Marine Environmental Research*: 66: 9-11.
33. Mariottini M., **Corsi I.**, Bianchini A., Nesi I., Focardi S., Focardi S. (2008). Biomonitoring of polybrominated diphenyl ethers (PBDE) pollution: a field study. *Comparative Biochemistry and Physiology Part C*: 148: 80-86.
34. Bonacci S., **Corsi I.**, Focardi S. (2008). Cholinesterase activities in the scallop *Pecten jacobaeus*: characterization and effects of exposure to aquatic contaminants. *The Science of the Total Environment*: 392: 99-109.
35. Bonacci S., Iacocca, A., Fossi, S., Lancini, L., Tancredi C., **Corsi I.**, Focardi S. (2007). Biomonitoring aquatic environmental quality in a marine protected area: a biomarker approach. *AMBIO*, 36 (4): 308-315.
36. **Corsi I.**, Pastore, A.M., Lodde, A., Palmerini, E., Castagnolo, L., Focardi, S. (2007). A potential role of cholinesterases in the invasive capacity of the freshwater bivalve *Anodonta woodiana* (Lea, 1834)

- (Bivalvia: unionacea): a comparative study with the indigenous species of the genus *Anodonta sp.* (Linnaeus, 1758). *Comparative Biochemistry and Physiology, Part C Toxicology and Pharmacology*, 145: 413-419.
37. Focardi S., **Corsi, I.**, Mazzuoli, S., Vignoli, L., Loïsele S. and S. Focardi (2006). Integrating remote sensing approach with pollution monitoring tools for aquatic ecosystem risk assessment and management: a case study of Lake Victoria (Uganda). *Environmental Monitoring and Assessment*, 122: 275-287.
 38. Romani R., **Corsi, I.**, Bonacci S., Focardi S., De Medio G.E., Giovannini E., Rosi G. (2006). Organophosphate-resistant forms of acetylcholinesterases in two scallops- the Antarctic *Adamussium colbecki* and the Mediterranean *Pecten jacobaeus*. *Comparative Biochemistry and Physiology Part B Biochemistry and Molecular Biology*, 145: 188-196.
 39. Della Torre C., **Corsi I.**, Alcaro L., Amato E., Focardi S. (2006). The involvement of cytochrome P450 system in the fate of 2,4,6-trinitrotoluene in European eel (*Anguilla anguilla*). *Biochemical Society Transactions*, 34: 1228-1230.
 40. Bechi N., Ietta F., Romagnoli R., Focardi S., **Corsi I.**, Buffi C. and L. Paulesu (2006). Estrogenic effect of *p*-nonylphenol on human first trimester placenta and trophoblast. *Toxicological Sciences*, 93: 75-81.
 41. Mariottini, M., **Corsi, I.**, Focardi, S. (2006). PCB levels in European eel (*Anguilla anguilla*) from two coastal lagoons of the Mediterranean. *Environmental Monitoring and Assessment*, 117: 519-528.
 42. **Corsi I.**, Romani R., Rosi G., Focardi S. (2006). Insecticides resistance in marine invertebrates: an evolutionary adaptation for a successful colonization? SETAC Globe May-June 2006: 26-27.
 43. Amato, E., Alcaro L., **Corsi, I.**, Della Torre, C., Farchi, C., Focardi S., Marino, G., Tursi A. (2006). An integrated ecotoxicological approach aimed at assessing the effects of chemical unexploded ordnance dumped in the Southern Adriatic Sea (Mediterranean Sea). *Marine Biology*, 149: 17-23.
 44. Bonacci, S., **Corsi, I.**, Focardi S. (2006). Cholinesterase activities in the adductor muscle of the Antarctic scallop *Adamussium colbecki*. *Antarctic Science*, 18 (1): 15-22.
 45. Lembo G., Spedicato M.T., Carbonara P., Scolamacchia M., **Corsi I.**, Focardi S., Rochira S., McKinley R.S. (2006) Insight into the well-being of sea bass by using physiological operational indicators. *Biologia Marina Mediterranea*, 13(2): 8-9.
 46. Zucchi S., **Corsi I.**, Focardi S. (2006). Expression of Mrp2 (Multi drug related protein 2) in *Dicentrarchus labrax*. *Biologia Marina Mediterranea*, 13 (2): 40-41.
 47. Pastore A.M., **Corsi I.**, Mercurio M., Longo C., Corriero G. (2006). High tolerance to organophosphate insecticides in *Spongia officinalis var. adriatica*. *Biologia Marina Mediterranea*, 13(2): 138-139.
 48. Tozzini V., A. Sturm A., **Corsi I.** (2006). High neurotoxic risk to ChEs in bluefin tuna (*Thunnus thynnus thynnus*) revealed by high *in vitro* sensitivity to organophosphates. *Biologia Marina Mediterranea*, 13(2): 358-359.
 49. Focardi S., **Corsi I.**, Iacocca A., Buzzi M., Miccoli, M. (2006). New species in the bioremediation of sea farming impact: drug tolerance and detoxification capabilities towards xenobiotics. *Biologia Marina Mediterranea*, 13 (2); 305-309.
 50. **Corsi, I.**, Iacocca, A., Corriero G., Nonnis Marzano C., Giangrande, A., Trianni L., Focardi, S. (2005). Promising extractive species for integrated mariculture systems: preliminary results on their resistance to organophosphate insecticides exposure. *Biologia Marina Mediterranea*, 12(1): 181-183.
 51. Della Torre C., **Corsi I.**, Alcaro L., Amato E., Focardi S. (2005). *In vivo* and *in vitro* inhibition of CYP1A enzymes activity by 2,4,6-trinitrotoluene (TNT) in European eel *Anguilla anguilla*. *Pharmacologyonline*, 3: 30-40.
 52. **Corsi, I.**, Mariottini M., Badesso, A., Caruso, T., Borghesi N., Bonacci S., Iacocca A., Focardi S. (2005). Contamination and sub-lethal toxicological effects of persistent organic pollutants in the European eel (*Anguilla anguilla*) in the Orbetello lagoon (Tuscany, Italy). *Hydrobiologia*, 550: 237-249.
 53. Focardi, S., **Corsi, I.**, Franchi, E. (2005). Safety and sustainable development of European aquaculture: new tools for an environmentally sound aquaculture. *Aquaculture International*, 13: 3-17.

54. **Corsi, I.** Balocchi, C., Mariottini, M., Perra, G., Focardi, S. (2004). Levels of polychlorinated biphenyls, polycyclic aromatic hydrocarbons and heavy metals in commercially available dry fish feed of different pellet size. European Aquaculture Society, Special Publication No. 34, 245-246.
55. **Corsi, I.**, Iacocca, A., Mercurio, M., Longo, C., Giangrande, A., Pierri, C., Lembo, G., Spedicato, M., Focardi, S. (2004). Promising extractive species for integrated mariculture systems: preliminary results on their resistance to organophosphate insecticides exposure. European Aquaculture Society, Special Publication No. 34: 247-248.
56. Pisoni, M., Cogotzi, L., Frigeri, A., **Corsi, I.**, Bonacci, S., Iacocca, A., Lancini, L., Mastrototaro, F., Focardi, S. and M. Svelto (2004). DNA-adducts, benzo(a)pyrene monoxygenase activity and lysosomal membrane stability in *Mytilus galloprovincialis* from different areas in Taranto-coastal waters (Italy). Environmental Research, 96: 163-175.
57. Bonacci, S., Browne, M., Dissanayake, A., Hagger, J.A., **Corsi, I.**, Galloway, T.S., Focardi, S., Depledge, M.H. (2004). Esterase activities in the bivalve molluscs *Adamussium colbecki* as biomarkers for pollution monitoring in the Antarctic marine environment: a preliminary field study. Marine Pollution Bulletin, 49 (5-6): 445-455.
58. **Corsi, I.**, Bonacci, S., Santovito, G., Chiantore, C., Castagnolo, L., Focardi, S. (2004). Cholinesterase activities in the Antarctic scallop *Adamussium colbecki*: tissue expression and effect of ZnCl₂ exposure. Marine Environmental Research, 58:401-406.
59. Luckenbach, T., **Corsi, I.**, Epel, D. (2004). Fatal odors: synthetic musk fragrances compromise multixenobiotic defense mechanisms in mussels. Marine Environmental Research, 58: 215-219.
60. **Corsi, I.**, Mariottini, M., Badesso, A., Bianchini, A., Bonacci, S., Iacocca, A., Lancini, L., Focardi, S. (2004). Integrating biochemical markers and target pollutant concentrations in European eel *Anguilla anguilla* for ecosystem health assessment of a coastal lagoon. 37th CIESM Congress Proceedings, Barcellona (Spagna), 37: 336.
61. Della Torre, C., Alcaro, L., Bonacci, S., **Corsi, I.**, Farchi, C., Giordano P., Penna, M., Amato, E., Focardi, S. (2004). Assessment of TNT-exposure in fish in the Tremiti Island Marine Protected Area: a preliminary study. 37th CIESM Congress Proceedings, Barcellona (Spagna), 37: 343.
62. **Corsi, I.**, Bonacci, S., Santovito, G., Chiantore, C., Castagnolo, L., Focardi, S. (2004). Preliminary investigation on cholinesterase activity in *Adamussium colbecki* from Terranova Bay: field and laboratory study. Chemistry and Ecology, 20 (Supplement 1): S79-S87.
63. **Corsi, I.**, Mazzola, A., Focardi, S. (2004) Mixed function oxidase and organochlorine levels in sharpnose seabream (*Diplodus puntazzo*) from two intensive aquaculture facilities. Aquaculture International, NS-2: 1-19.
64. **Corsi, I.**, Mariottini, M., Menchi, V., Bonacci, S., Borghesi, N., Frenzilli, G., Nigro, M., Focardi, S. (2003). Application of multiple biomarkers and chemical analysis for assessing environmental pollution: a field study in two Italian lagoons. Biologia Marina Mediterranea, 10 (2): 667-670.
65. Farchi, C., Alcaro, L., **Corsi, I.**, Della Torre, C., Balocchi, C., Bonacci, S., Amato, E., Focardi, S. (2003). Biomarkers of exposure and effects in *Conger conger* (L.) related to the presence of war residuals on the seafloor of Pianosa island (Tremiti Islands Archipelago): a preliminary analysis. Biologia Marina Mediterranea, 10 (2):392-395.
66. Bonacci, S., **Corsi, I.**, Chiea, R., Regoli, F., Focardi, S.(2003). Comparative induction of liver EROD and BaPMO activities in European eel (*Anguilla anguilla*) by benzo[a]pyrene and 2,3,7,8-tetrachlorodibenzo-*p*-dioxin: a laboratory study. Polycyclic Aromatic Compounds, 23: 377-400.
67. **Corsi, I.**, Mariottini, M., Sensini, S., Focardi, S. (2003). Indicators of stress in farmed fish: biological responses and toxic chemicals accumulation. European Aquaculture Society, Special Publication No. 33, 154-155.
68. **Corsi, I.**, Luckenbach, T., Focardi, S., Epel, D. (2003). Pharmaceutical and personal care products in farmed organisms: role of P-gp transporter in bioconcentration and toxicity. European Aquaculture Society, Special Publication No. 33, 152-153.
69. Mariottini, M., **Corsi, I.**, Bonacci, S., Focardi, S., Regoli, F. (2003). European eel exposed to Aroclor 1254: correlation between PCB muscle content and EROD activity. Chemistry and Ecology, 19: 91-98.
70. Regoli, F., Winston, G.W., Gorbi, S., Frenzilli, G., Nigro, M., **Corsi, I.**, Focardi, S. (2003) Integrating enzymatic responses to organic chemical exposure with total oxyradical absorbing capacity and DNA damage in the European eel *Anguilla anguilla*. Environmental Toxicology and Chemistry, 22: 2120-2129.

71. Bonacci, S., **Corsi I.**, Chiea, R., Regoli, S., Focardi, S. (2003) Induction of EROD activity in European eel (*Anguilla anguilla*) experimentally exposed to B(a)P and β NP. Environment International, 1041: 1-7.
72. **Corsi, I.**, Sensini, C., Lancini, L., Mariottini, M., Focardi, S. (2003). Cytochrome P450, acetylcholinesterase and gonadal histology for evaluating contaminant exposure levels in fishes from a highly eutrophic brackish ecosystem: the Orbetello lagoon, Italy. Marine Pollution Bulletin, 46: 203-212.
73. **Corsi, I.**, Mariottini, M., Sensini, C., Lancini, L., Focardi, S. (2003). Fish as bioindicators of brackish ecosystems: integrating biomarker responses and target pollutant concentrations. Oceanologica Acta, 26: 129-138.
74. **Corsi, I.** and Focardi, S. (2002). Nonylphenol in a lagoon environment: 4-nonylphenol and nonylphenol ethoxylates in fish tissues. Bulletin of Environmental Contamination and Toxicology, 68: 908-914.
75. Mariottini, M., Guerranti, S., Aurigi, I., **Corsi, I.**, Focardi, S. (2002). Pesticides and polychlorinated biphenyl residues in human adipose tissue. Bulletin Environmental Contamination and Toxicology, 68:72-78.
76. Regoli, F., Gorbi, S., Frenzilli, G., Nigro, M., **Corsi, I.**, Focardi S., Winston, G.W. (2002). Oxidative stress in ecotoxicology: from the analysis of individual antioxidants to a more integrated approach. Marine Environmental Research, 54: 1-5.
77. **Corsi, I.**, Mariottini, M., Menchi, V., Sensini, C. (2002). Monitoring marine coastal area: use of *Mytilus galloprovincialis* and *Mullus barbatus* as bioindicator organisms. Marine Ecology: PSZN Pubblicazioni della Stazione Zoologica di Napoli, 23: 138-153.
78. **Corsi, I.**, Mariottini, M., Menchi, V., Bindi, L., Sensini, C., Focardi, S. (2002). Multilevel toxicological approach for the evaluation of coastal pollution using target organisms. Biologia Marina Mediterranea, 9 (1): 260-264.
79. Mariottini, M., Menchi, V., **Corsi, I.**, Focardi, S. (2002). Polychlorobiphenyls, aromatic hydrocarbons and nonylphenols in *Mytilus galloprovincialis* as bioindicator species. Biologia Marina Mediterranea, 9 (1): 265-268.
80. Chiea, R., **Corsi, I.** and Focardi, S. (2002). Biological indicators of coastal pollution in the Adriatic Sea comparing biomarker responses in three fish species. Biologia Marina Mediterranea, 9 (1): 236-239.
81. Amato, E., Alcaro, L., Focardi, S., Marino, G., Tursi, A., Farchi, C., **Corsi I.**, Borghini, F. (2001). Fate of persistent chemical warfare agents in benthic ecosystem of the Southern Adriatic Sea. Rapport du Commission Internationale pour l'exploration scientifique de la Mer Méditerranée 36, 105.
82. Amato, E., Alcaro, L., Borghini, F., **Corsi, I.**, Tursi, A., Bracalente, C. (2001). Studio preliminare per la valutazione del danno agli ecosistemi bentici derivante dall'affondamento in basso Adriatico di residuati bellici caricati con aggressivi chimici. Biologia Marina Mediterranea, 8:800.
83. **Corsi, I.**, Focardi, S. (2001). Estrogenic compounds in lagoon: 4-nonylphenol and ethoxylates in Orbetello Lagoon fish fauna. Biologia Marina Mediterranea, 8, fasc.2, Parte Seconda: 473-480.
84. Fossi, M.C., Casini, S., Savelli, C., Corbelli, C., Franchi, E., Mattei, N., Sanchez-Hernandez, J.C., **Corsi, I.**, Bamber, S., Depledge, M.H. (2000). Biomarker responses at different levels of biological organisation in crabs (*Carcinus aestuarii*) experimentally exposed to benzo(a)pyrene. Chemosphere, 40: 861-874.
85. Viganò, L., Arillo, A., Aurigi, S., **Corsi, I.**, Focardi, S. (2000). Concentration of organochlorines (PCBs and DDTs) and Toxic Equivalent (TEQs) in cyprinids of the middle river Po, Italy. Archives of Environmental Contamination and Toxicology, 38: 209-216.
86. **Corsi, I.**, Aurigi, S., Focardi, S. (1998). CYP450 responses in fish bred in different aquaculture facilities. Biologia Marina Mediterranea, 5 (3): 889-893.
87. Focardi, M.C. Fossi, C. Leonzio, S. Aurigi, **I. Corsi, S.** Corsolini, F. Monaci, J. C. Sanchez-Hernandez (1998). Bioaccumulation and biomarkers responses to organochlorines, polycyclic aromatic hydrocarbons and trace metals in Adriatic Sea fish fauna. Rapport du Commission Internationale pour l'exploration scientifique de la Mer Méditerranée, 35 (2): 256-257.
88. Focardi, S., Fossi, M. C., Leonzio, C., Aurigi, S., Casini, S., **Corsi, I.**, Corsolini, S., Monaci, F., Sanchez – Hernandez, J.C. (1998). Organic contaminant levels and biomarkers responses on Adriatic Sea fish fauna. Biologia Marina Mediterranea, 5 (1): 800-806.

89. Focardi, S. Corsolini, S. Aurigi, S., **Corsi, I.** (1998). Analysis of the most toxic PCB congeners in organisms at the highest level of Mediterranean food chain. *Acqua-Aria*: 87-90.
90. Fossi, M.C., S. Casini, C. Savelli, **I. Corsi** (1997). Multi-trial biomarker approach using *Carcinus aestuarii* to evaluate toxicological risk due to Mediterranean contaminants: field and experimental studies. *Fresenius Environmental Bulletin*, May, 5: 706-711.
91. Fossi, M.C., C. Savelli, S. Casini, E. Franchi, N. Mattei, **I. Corsi** (1997). Multi-response biomarker approach in the crab *Carcinus aestuarii* experimentally exposed to benzo(a)pyrene, polychlorobiphenyls and methyl-mercury. *Biomarkers*, 2: 311-319.
92. Savelli, C., Fossi, M.C., Casini, S., **Corsi, I.**, Mattei, N. (1996) Use of biomarkers in *Carcinus aestuarii* for the evaluation of environmental quality of lagoon areas. *Proceeding of the 17^o conference of Italian Society of Ecology (S.It.E.)*, 17: 641-644.
93. Focardi, S., Corsolini, S., Aurigi, S., **Corsi, I.** (1996). Chlorinated hydrocarbons in the Antarctic marine environment. *Proceeding of the 3rd meeting on Antarctic Biology*: 233-238.
94. Focardi, S., S. Corsolini, S. Aurigi, **I. Corsi** (1997). Chlorinated hydrocarbons in fish from southern Tyrrhenian. *Proceedings of 12nd conference of the Italian Society of Oceanology and Lymnology*, 1: 97-108.

Book chapters

1. S. Focardi, C. Della Torre, M.L. Monti, T. Biagini, **I. Corsi** (2013). Emerging Contaminants in aquatic environment: eco-physiological study on effects assessment on synthetic musks in aquatic biota. Chapter 4. *Xenobiotics and Emerging Contaminants*. Ed Cecchi, Majone and Macini. INCA. ISBN: 88-88214-02-X. 91-116.
2. S. Focardi, C. Della Torre, M. Monti, T. Biagini, **I. Corsi**. (2011). Synthetic musks fragrances in the aquatic environment: *in vitro* toxicological studies of their biotransformation and potential negative effects. *International Journal of Safety and Security Engineering (associated with WIT). Environmental Health and Biomedicine*: 183-194.
3. Della Torre C., **Corsi I.**, Sensini C., Arukwe A., Focardi S. (2008). Acute sublethal effects of 2,4,6-trinitrotoluene (TNT) on the European eel *Anguilla anguilla* (Linnaeus, 1758). *WIT Transactions on Ecology and the Environment*, 110: 305-314.
4. Focardi S., Franchi E., Volterrani M., Renzi M., Corsi I., Caruso T., De Stefano W., Mariottini M. 2006. Caratterizzazione ecotossicologica dei sedimenti e degli organismi della Laguna di Orbetello. In *La Laguna di Orbetello studi, ricerche, criteri e modalità di intervento in quattro anni di gestione commissariale 2003-2006*. Antonio Ludovico, Editor Rolando di Vincenzo, Commissario Delegato al Risanamento Ambientale della Laguna di Orbetello.
5. Amato E., L. Alcaro, **Corsi, I.**, Della Torre, C., Farchi, C., Mauro, V., Penna, M., Bonacci, S., Focardi, S. (2004). Assessment of Environmental Threats of Conventional and Chemical Unexploded Ordnance Dumped in the Southern Adriatic Sea (Mediterranean Sea). *Special Issue of Sixth International Symposium on Technology and the Mine Problem*, April 23-31, Monterey (USA), 1-10.
6. Focardi, S. e **I. Corsi** (2003). Valutazione dei livelli di contaminanti e biomarkers come approccio ecotossicologico integrato in acquacoltura. *Metodologie biologiche per il rilevamento della qualità delle acque*. *Proceeding of the Round Table on Sustainable Aquaculture*. Pisa, 28 May 2002. Ed. Varriale A.M., Tolari, F., Pretti, C.: 19-25.
7. **Corsi, I.**, Mazzola, A., Focardi, S. (2002). Organochlorines and trace metals exposure and effects in sharpnout seabream cultured in intensive seafarm: a case study on a coastal area of the Tyrrhenian Sea. *European Aquaculture Society, Special Publication No. 32, Seafarming today and tomorrow*: 187-188.
8. **Corsi, I.**, Aurigi, S., Focardi, S. (2001). Toxicological evaluation of organochlorine levels on some fish specimens from Adriatic Sea. *Mediterranean Ecosystems: Structures and Processes*. Faranda M., Guglielmo L. e Spezie G., Eds. Springer & Verlag. Capitolo, 9: 71-76.
9. Fossi, M.C., S. Casini, C. Savelli, **I. Corsi**, E. Franchi, M. Depledge and S. Bamber (1996). Development of a multi-trial biomarker approach using *Carcinus aestuarii* to evaluate PAHs exposure in the Mediterranean sea. In *Book of the International Conference on Pollution Processes in Coastal Environments*, 306-309.