

1. 田辺信介・田中博之・立川 涼・中村 泉 (1980): チリ-沖産魚類による有機塩素化合物の蓄積, *日本水産学会誌*, **46(6)**, 763-769.
2. Tanabe, S. and Tatsukawa, R. (1980): Chlorinated hydrocarbons in the North Pacific and Indian Oceans. *Journal of the Oceanographical Society of Japan*, **36(4)**, 217-226.
3. 田辺信介・立川 涼 (1981): 沿岸域および河口域における人工有機化合物の動態, *沿岸海洋研究ノート*, **19(1)**, 9-19.
4. Tanabe, S., Nakagawa, Y. and Tatsukawa, R. (1981): Absorption efficiency and biological half-life of individual chlorobiphenyls in rats treated with Kanechlor products. *Agricultural and Biological Chemistry*, **45(3)**, 717-726.
5. Tanabe, S., Tatsukawa, R., Tanaka, H., Maruyama, K., Miyazaki, N. and Fujiyama, T. (1981): Distribution and total burdens of chlorinated hydrocarbons in bodies of striped dolphins (*Stenella coeruleoalba*). *Agricultural and Biological Chemistry*, **45(11)**, 2569-2578.
6. Tanabe, S., Maruyama, K. and Tatsukawa, R. (1982): Absorption efficiency and biological half-life of individual chlorobiphenyls in carp (*Cyprinus carpio*) orally exposed to Kanechlor products. *Agricultural and Biological Chemistry*, **46(4)**, 891-898.
7. Tanabe, S., Tatsukawa, R., Maruyama, K. and Miyazaki, N. (1982): Transplacental transfer of PCBs and chlorinated hydrocarbon pesticides from the pregnant striped dolphin (*Stenella coeruleoalba*) to her fetus. *Agricultural and Biological Chemistry*, **46(5)**, 1249-1254.
8. Tanabe, S., Kawano, M. and Tatsukawa, R. (1982): Chlorinated hydrocarbons in the Antarctic, western Pacific and eastern Indian Oceans. *Transactions of the Tokyo University of Fisheries*, **(5)**, 97-109.
9. Tanabe, S., Kawano, M., Hidaka, H. and Tatsukawa, R. (1982): Global distribution and atmospheric transport of chlorinated hydrocarbons: HCH (BHC) isomers and DDT compounds in the western Pacific, eastern Indian and Antarctic Oceans. *Journal of the Oceanographical Society of Japan*, **38(3)**, 137-148.
10. Tanabe, S., Hidaka, H. and Tatsukawa, R. (1983): PCBs and chlorinated hydrocarbon pesticides in Antarctic atmosphere and hydrosphere. *Chemosphere*, **12(2)**, 277-288.
11. Tanabe, S. and Tatsukawa, R. (1983): Vertical transport and residence time of chlorinated hydrocarbons in the open ocean water column. *Journal of the Oceanographical Society of Japan*, **39(2)**, 53-62.
12. Hidaka, H., Tanabe, S. and Tatsukawa, R. (1983): DDT compounds and PCB isomers and congeners in Weddell seals and their fate in the Antarctic marine ecosystem. *Agricultural and Biological Chemistry*, **47(9)**, 2009-2017.
13. Tanabe, S., Mori, T., Tatsukawa, R. and Miyazaki, N. (1983): Global pollution of marine mammals by PCBs, DDTs and HCHs (BHCs). *Chemosphere*, **12(9/10)**, 1269-1275.
14. Tanabe, S. and Tatsukawa, R. (1983): Chlorinated hydrocarbons in the Southern Ocean. *Memoirs of National Institute of Polar Research*, **(27)**, 64-76.
15. Maruyama, K., Sahrul, M., Tanabe, S. and Tatsukawa, R. (1983): Polychlorinated biphenyl pollution from shipbuilding in Nagasaki Bay, Japan. *Ecotoxicology and Environmental Safety*, **7**, 514-520.
16. Subramanian, B. R., Tanabe, S., Hidaka, H. and Tatsukawa, R. (1983): DDTs and PCB isomers and congeners in Antarctic fish. *Archives of Environmental Contamination and Toxicology*, **12(2)**, 621-626.

17. 佐伯 茂・田辺信介・中川保夫・立川 涼 (1983): フェノバルビタールおよび 3-メチルコラントレン処理ラットの肝ミクロゾーム画分における PCB の組成変化, *日本農芸化学会誌*, **57(12)**, 1219-1226.
18. Tanabe, S., Mori, T. and Tatsukawa, R. (1984): Bioaccumulation of DDTs and PCBs in the southern minke whale (*Balaenoptera acutrostrata*). *Memoirs of National Institute of Polar Research*, **(32)**, 140-150.
19. Hidaka, H., Tanabe, S., Kawano, M. and Tatsukawa, R. (1984): Fate of DDTs, PCBs and chlordane compounds in the Antarctic marine ecosystem. *Memoirs of National Institute of Polar Research*, **(32)**, 151-161.
20. Tanabe, S., Tanaka, H. and Tatsukawa, R. (1984): Polychlorobiphenyls, Σ DDT, and hexachlorocyclohexane isomers in the western North Pacific ecosystem. *Archives of Environmental Contamination and Toxicology*, **13(6)**, 731-738.
21. Kawano, M., Tanabe, S., Inoue, T. and Tatsukawa, R. (1985): Chlordane compounds in the marine atmosphere from the southern hemisphere. *Transactions of the Tokyo University of Fisheries*, **(6)**, 59-66.
22. 田辺信介 (1985): 海洋における PCB の分布と挙動, *日本海洋学会誌*, **41(5)**, 358-370.
23. Subramanian, A. N., Tanabe, S., Hidaka, H. and Tatsukawa, R. (1986): Bioaccumulation of organochlorines (PCBs and *p,p'*-DDE) in Antarctic Adelie penguins (*Pygoscelis adeliae*) collected during a breeding season. *Environmental Pollution (Series A)*, **40(2)**, 173-189.
24. Tanabe, S., Subramanian, A. N., Hidaka, H. and Tatsukawa, R. (1986): Transfer rates and patterns of PCB isomers and congeners and *p,p'*-DDE from mother to egg in Adelie penguin (*Pygoscelis adeliae*). *Chemosphere*, **15(3)**, 343-351.
25. Subramanian, A. N., Tanabe, S., Hidaka, H. and Tatsukawa, R. (1986): Distribution and transfer of organochlorines in Adelie penguins (*Pygoscelis adeliae*). *Memoirs of National Institute of Polar Research*, **(40)**, 423-433.
26. Tanaka, H., Ogi, H., Tanabe, S., Tatsukawa, R. and Oka, N. (1986): Bioaccumulation and metabolism of PCBs and DDE in short-tailed shearwater *Puffinus tenuirostris* during its transequatorial migration and in the wintering and breeding grounds. *Memoirs of National Institute of Polar Research*, **(40)**, 434-442.
27. Tanabe, S., Miura, S. and Tatsukawa, R. (1986): Variations of organochlorine residues with age and sex in Antarctic minke whale. *Memoirs of National Institute of Polar Research*, **(44)**, 174-181.
28. Subramanian, A. N., Tanabe, S., Fujise, Y. and Tatsukawa, R. (1986): Organochlorine residues in Dall's and True's porpoises collected from northwestern Pacific and adjacent waters. *Memoirs of National Institute of Polar Research*, **(44)**, 167-173.
29. Subramanian, A. N., Tanabe, S., Tanaka, H., Hidaka, H. and Tatsukawa, R. (1987): Gain and loss rates and biological half-life of PCBs and DDE in the bodies of adelie penguins. *Environmental Pollution*, **43(1)**, 39-46.
30. Tanabe, S., Kannan, N., Wakimoto, T. and Tatsukawa, R. (1987): Method for the determination of three toxic non-ortho chlorine substituted coplanar PCBs in environmental samples at part-per-trillion levels. *International Journal Environmental Analytical Chemistry*, **29(3)**, 199-213.
31. Kannan, N., Tanabe, S., Wakimoto, T. and Tatsukawa, R. (1987): Coplanar polychlorinated biphenyls in Aroclor and Kanechlor mixtures. *Journal of the Association of Official Analytical Chemists*, **70(3)**, 451-454.

32. Miyazaki, N., Nakamura, I., Tanabe, S. and Tatsukawa, R. (1987): A stranding of *Mesoplodon stejnegeri* in the Maizuru Bay, Sea of Japan. *The Scientific Reports of the Whales Research Institute*, **(38)**, 91-105.
33. Tanabe, S., Tatsukawa, R. and Phillips, D. J. H. (1987): Mussels as bioindicators of PCB pollution: a case study on uptake and release of PCB isomers and congeners in green-lipped mussels (*Perna viridis*) in Hong Kong waters. *Environmental Pollution*, **47(1)**, 41-62.
34. Tanabe, S., Kannan, N., Subramanian, A. N., Watanabe, S. and Tatsukawa, R. (1987): Highly toxic coplanar PCBs: occurrence, source, persistency and toxic implications to wildlife and humans. *Environmental Pollution*, **47(2)**, 147-163.
35. Tanabe, S., Loganathan, B. G., Subramanian, A. N. and Tatsukawa, R. (1987): Organochlorine residues in short-finned pilot whale: possible use as tracers of biological parameters. *Marine Pollution Bulletin*, **18(10)**, 561-563.
36. Subramanian, A. N., Tanabe, S., Tatsukawa, R., Saito, S. and Miyazaki, N. (1987): Reduction in the testosterone levels by PCBs and DDE in Dall's porpoises of northwestern North Pacific. *Marine Pollution Bulletin*, **18(12)**, 643-646.
37. Kannan, N., Tanabe, S., Wakimoto, T. and Tatsukawa, R. (1987): A simple method for determining non-ortho substituted PCBs in Kanechlors, Arochlors and environmental samples. *Chemosphere*, **16(8/9)**, 1631-1634.
38. Tanabe, S., Kannan, N., Subramanian, A. N., Watanabe, S., Ono, M. and Tatsukawa, R. (1987): Occurrence and distribution of toxic coplanar PCBs in the biota. *Chemosphere*, **16(8/9)**, 1965-1970.
39. Subramanian, A. N., Tanabe, S. and Tatsukawa, R. (1987): Age and size trends and male-female differences of PCBs and DDE in dalli-type Dall's porpoises, *Phocoenoides dalli* of northwestern North Pacific. *Proceedings of the National Institute of Polar Research Symposium on Polar Biology*, **(1)**, 205-216.
40. Tanabe, S. (1988): PCB problems in the future: foresight from current knowledge. *Environmental Pollution*, **50(1/2)**, 5-28.
41. Kannan, N., Tanabe, S. and Tatsukawa, R. (1988): Potentially hazardous residues of non-ortho chlorine substituted coplanar PCBs in human adipose tissue. *Archives of Environmental Health*, **43(1)**, 11-14.
42. Tanabe, S., Watanabe, S., Kan, H. and Tatsukawa, R. (1988): Capacity and mode of PCB metabolism in small cetaceans. *Marine Mammal Science*, **4(2)**, 103-124.
43. Subramanian, A. N., Tanabe, S. and Tatsukawa, R. (1988): Chemical approach to determine some biological and physiological aspects of Dall's porpoises using organochlorines as tracers. *Researches in Organic Geochemistry*, **6**, 51-54.
44. Subramanian, A. N., Tanabe, S. and Tatsukawa, R. (1988): Estimating some biological parameters of Baird's beaked whales using PCBs and DDE as tracers. *Marine pollution Bulletin*, **19(6)**, 284-287.
45. Kannan, N., Tanabe, S. and Tatsukawa, R. (1988): Toxic potential of non-ortho and mono-ortho coplanar PCBs in commercial PCB preparations: 2,3,7,8-T4CDD toxicity equivalence factors approach. *Bulletin of Environmental Contamination and Toxicology*, **41(2)**, 267-276.
46. Subramanian, A. N., Tanabe, S. and Tatsukawa, R. (1988): Use of organochlorines as chemical tracers in determining some reproductive parameters in dalli-type Dall's porpoises *Phocoenoides dalli*. *Marine Environmental Research*, **25(3)**, 161-174.

47. Tanabe, S., Kannan, N., Ono, M. and Tatsukawa, R. (1989): Toxic threat to marine mammals: increasing toxic potential of non-*ortho* and mono-*ortho* coplanar PCBs from land to ocean. *Chemosphere*, **18(1-6)**, 485-490.
48. Loganathan, B. G., Tanabe, S., Tatsukawa, R., Ogawa, K. and Goto, M. (1989): Temporal changes of morphologic abnormalities and parasitic infestation in fishes from the River Nagaragawa, Japan. *Nippon Suisan Gakkaishi*, **55(5)**, 769-774.
49. Kannan, N., Tanabe, S., Tatsukawa, R. and Phillips, D. J. H. (1989): Persistency of highly toxic coplanar PCBs in aquatic ecosystems: uptake and release kinetics of coplanar PCBs in green lipped mussels (*Perna viridis* Linnaeus). *Environmental Pollution*, **56(1)**, 65-76.
50. Phillips, D. J. H. and Tanabe, S. (1989): Aquatic pollution in the Far East. *Marine Pollution Bulletin*, **20(7)**, 297-303.
51. Tanabe, S., Kannan, N., Fukushima, M., Okamoto, T., Wakimoto, T. and Tatsukawa, R. (1989): Persistent organochlorines in Japanese coastal waters: an introspective summary from a Far East developed nation. *Marine Pollution Bulletin*, **20(7)**, 344-352.
52. Watanabe, S., Shimada, T., Nakamura, S., Nishiyama, N., Yamashita, N., Tanabe, S. and Tatsukawa, R. (1989): Specific profile of liver microsomal cytochrome P-450 in dolphin and whales. *Marine Environmental Research*, **27(1)**, 51-65.
53. Tanabe, S., Kannan, N., Wakimoto, T., Tatsukawa, R., Okamoto, T. and Masuda, Y. (1989): Isomer-specific determination and toxic evaluation of potentially hazardous coplanar PCBs, dibenzofurans and dioxins in the tissues of "Yusho" PCB poisoning victim and in the causal oil. *Toxicological and Environmental Chemistry*, **24**, 215-231.
54. Kannan, N., Tanabe, S., Ono, M. and Tatsukawa, R. (1989): Critical evaluation of polychlorinated biphenyl toxicity in terrestrial and marine mammals: increasing impact of non-*ortho* and mono-*ortho* coplanar polychlorinated biphenyls from land to ocean. *Archives of Environmental Contamination and Toxicology*, **18(6)**, 850-857.
55. Ramesh, A., Tanabe, S., Tatsukawa, R., Subramanian, A. N., Palanichamy, S., Mohan, D. and Venugopalan, V. K. (1989): Seasonal variations of organochlorine insecticide residues in air from Porto Novo, South India. *Environmental Pollution*, **62(2/3)**, 213-222.
56. Kannan, N., Tanabe, S., Okamoto, T., Tatsukawa, R. and Phillips, D. J. H. (1989): Polychlorinated biphenyls (PCBs) in sediments in Hong Kong: a congener-specific approach to the study of coplanar PCBs in aquatic ecosystem. *Environmental Pollution*, **62(2/3)**, 223-235.
57. Loganathan, B. G., Tanabe, S., Goto, M. and Tatsukawa, R. (1989): Temporal trends of organochlorine residues in lizard goby *Rhinogobius flumineus* from the River Nagaragawa, Japan. *Environmental Pollution*, **62(2/3)**, 237-251.
58. Tanabe, S., Gondaira, F., Subramanian, A. N., Ramesh, A., Mohan, D., Kumaran, P., Venugopalan, V. K. and Tatsukawa, R. (1990): Specific pattern of persistent organochlorine residues in human breast milk from South India. *Journal of Agricultural and Food Chemistry*, **38(3)**, 899-903.
59. Loganathan, B. G., Tanabe, S., Tanaka, H., Watanabe, S., Miyazaki, N., Amano, M. and Tatsukawa, R.

- (1990): Comparison of organochlorine residue levels in the striped dolphin from western North Pacific, 1978-79 and 1986. *Marine Pollution Bulletin*, **21(9)**, 435-439.
60. Ramesh, A., Tanabe, S., Iwata, H., Tatsukawa, R., Subramanian, A. N., Mohan, D. and Venugopalan, V. K. (1990): Seasonal variation of persistent organochlorine insecticide residues in Vellar River waters in Tamil Nadu, South India. *Environmental Pollution*, **67(4)**, 289-304.
61. Ramesh, A., Tanabe, S., Subramanian, A. N., Mohan, D., Venugopalan, V. K. and Tatsukawa, R. (1990): Persistent organochlorine residues in green mussels from coastal waters of South India. *Marine Pollution Bulletin*, **21(12)**, 587-590.
62. Tanabe, S., Ramesh, A., Sakashita, D., Iwata, H., Mohan, D., Subramanian, A. N. and Tatsukawa, R. (1991): Fate of HCH (BHC) in tropical paddy field: application test in South India. *International Journal of Environmental Analytical Chemistry*, **45(1)**, 45-53.
63. Tanabe, S., Kannan, K., Tabucanon, M. S., Siriwong, C., Ambe, Y. and Tatsukawa, R. (1991): Organochlorine pesticide and polychlorinated biphenyl residues in foodstuffs from Bangkok, Thailand. *Environmental Pollution*, **72(3)**, 191-203.
64. Tanabe, S., Nishimura, A., Hanaoka, S., Yanagi, T., Takeoka, H. and Tatsukawa, R. (1991): Persistent organochlorines in the coastal fronts. *Marine Pollution Bulletin*, **22(7)**, 344-351.
65. Ramesh, A., Tanabe, S., Murase, H., Subramanian, A. N. and Tatsukawa, R. (1991): Distribution and behavior of persistent organochlorine insecticides in paddy soil and sediments in the tropical environment: a case study in South India. *Environmental Pollution*, **74(4)**, 293-307.
66. Takeoka, H., Ramesh, A., Iwata, H., Tanabe, S., Subramanian, A. N., Mohan, D., Magendran, A. and Tatsukawa, R. (1991): Fate of the insecticide HCH in the tropical coastal area of South India. *Marine Pollution Bulletin*, **22(6)**, 290-297.
67. Falandysz, J., Yamashita, N., Tanabe, S. and Tatsukawa, R. (1992): Isomer-specific analysis of PCBs including toxic coplanar isomers in canned cod livers commercially processed in Poland. *Zeitschrift fur Lebensmittel-Untersuchung und-Forschung*, **194**, 120-123.
68. Kannan, K., Tanabe, S., Ramesh, A., Subramanian, A. N. and Tatsukawa, R. (1992): Persistent organochlorine residues in foodstuffs from India and their implications on human dietary exposure. *Journal of Agricultural and Food Chemistry*, **40(3)**, 518-524.
69. Kannan, K., Tanabe, S., Quynh, H. T., Hue, N. D. and Tatsukawa, R. (1992): Residue pattern and dietary intake of persistent organochlorine compounds in foodstuffs from Vietnam. *Archives of Environmental Contamination and Toxicology*, **22(4)**, 367-374.
70. Falandysz, J., Yamashita, N., Tanabe, S. and Tatsukawa, R. (1992): Composition of PCB isomers in technical chlorofen formulation produced in Poland. *International Journal of Environmental Analytical Chemistry*, **47**, 129-136.
71. Yamashita, N., Shimada, T., Tanabe, S. and Tatsukawa, R. (1992): Cytochrome P-450 forms and its inducibility by PCB isomers in black-headed gulls and black-tailed gulls. *Marine Pollution Bulletin*, **24(6)**, 316-321.
72. Ramesh, A., Tanabe, S., Kannan, K., Subramanian, A. N., Kumaran, P. L. and Tatsukawa, R. (1992):

- Characteristic trend of persistent organochlorine contamination in wildlife from a tropical agricultural watershed, South India. *Archives of Environmental Contamination and Toxicology*, **23(1)**, 26-36.
73. Kannan, K., Falandysz, J., Yamashita, N., Tanabe, S. and Tatsukawa, R. (1992): Temporal trends of organochlorine concentrations in cod-liver oil from the southern Baltic proper, 1971-1989. *Marine Pollution Bulletin*, **24(7)**, 358-363.
 74. Tabucanon, M. S., Watanabe, S., Siriwong, C., Boonyatumanond, R., Tanabe, S., Iwata, H., Tatsukawa, R. and Ohgaki, S. (1992): Current status of contamination by persistent organochlorines in the lower Chao Phraya River, Thailand. *Water Science and Technology*, **25(11)**, 17-24.
 75. Tanabe, S., Falandysz, J., Higaki, T., Kannan, K. and Tatsukawa, R. (1993): Polychlorinated biphenyl and organochlorine insecticide residues in human adipose tissue in Poland. *Environmental Pollution*, **79(1)**, 45-49.
 76. Yamashita, N., Tanabe, S., Ludwig, J. P., Kurita, H., Ludwig, M. E. and Tatsukawa, R. (1993): Embryonic abnormalities and organochlorine contamination in double-crested cormorants (*Phalacrocorax auritus*) and Caspian terns (*Hydro-progne caspia*) from the upper Great Lakes in 1988. *Environmental Pollution*, **79(2)**, 163-173.
 77. Kannan, K., Sinha, R. K., Tanabe, S., Ichihashi, H. and Tatsukawa, R. (1993): Heavy metals and organochlorine residues in Ganges River dolphins from India. *Marine Pollution Bulletin*, **26(3)**, 159-162.
 78. Kannan, K., Falandysz, J., Tanabe, S. and Tatsukawa, R. (1993): Persistent organochlorines in harbour porpoises from Puck Bay, Poland. *Marine Pollution Bulletin*, **26(3)**, 162-165.
 79. Falandysz, J., Kannan, K., Tanabe, S. and Tatsukawa, R. (1993): Persistent organochlorine residues in canned cod-livers of southern Baltic origin. *Bulletin of Environmental Contamination and Toxicology*, **50(6)**, 929-934.
 80. Iwata, H., Tanabe, S., Sakai, N. and Tatsukawa, R. (1993): Distribution of persistent organochlorines in the oceanic air and surface seawater and the role of ocean on their global transport and fate. *Environmental Science and Technology*, **27(6)**, 1080-1098.
 81. Ludwig, J. P., Auman, H. J., Kurita, H., Ludwig, M. E., Campbell, L. M., Giesy, J. P., Tillit, D. E., Jones, P., Yamashita, N., Tanabe, S. and Tatsukawa, R. (1993): Caspian tern reproduction in the Saginaw Bay ecosystem following a 100-year flood event. *Journal of Great Lakes Research*, **19(1)**, 96-108.
 82. Iwata, H., Tanabe, S. and Tatsukawa, R. (1993): A new view on the divergence of HCH isomer compositions in oceanic air. *Marine Pollution Bulletin*, **26(6)**, 302-305.
 83. Tanabe, S., Subramanian, A. N., Ramesh, A., Kumaran, P. L., Miyazaki, N. and Tatsukawa, R. (1993): Persistent organochlorine residues in dolphins from the Bay of Bengal, South India. *Marine Pollution Bulletin*, **26(6)**, 311-316.
 84. Loganathan, B. G., Tanabe, S., Hidaka, Y., Kawano, M., Hidaka, H. and Tatsukawa, R. (1993): Temporal trend of Persistent organochlorine residues in human adipose tissue from Japan, 1928-1985. *Environmental Pollution*, **81(1)**, 31-39.
 85. Kannan, K., Tanabe, S., Borrell, A., Aguilar, A., Focardi, S. and Tatsukawa, R. (1993): Isomer-specific analysis and toxic evaluation of polychlorinated biphenyls in striped dolphins affected by an epizootic in the western Mediterranean Sea. *Archives of Environmental Contamination and Toxicology*, **25(2)**, 227-233.

86. Iwata, H., Tanabe, S., Sakai, N., Nishimura, A. and Tatsukawa, R. (1994): Geographical distribution of persistent organochlorines in air, water and sediments from Asia and Oceania, and their implications for global redistribution from lower latitudes. *Environmental Pollution*, **85(1)**, 15-33.
87. Falandysz, J., Yamashita, N., Tanabe, S. and Tatsukawa, R. (1994): Congener-specific data of polychlorinated biphenyl residues in human adipose tissue in Poland. *The Science of the Total Environment*, **149**, 113-119.
88. Falandysz, J., Kannan, K., Tanabe, S. and Tatsukawa, R. (1994): Concentrations, clearance rates and toxic potential of non-*ortho* coplanar PCBs in cod-liver oil from the southern Baltic Sea from 1971 to 1989. *Marine Pollution Bulletin*, **28(4)**, 259-262.
89. Tanabe, S., Sung, J., Choi, D., Baba, N., Kiyota, M., Yoshida, K. and Tatsukawa, R. (1994): Persistent organochlorine residues in northern fur seal from the Pacific coast of Japan since 1971. *Environmental Pollution*, **85(3)**, 305-314.
90. Kannan, K., Tanabe, S., Tatsukawa, R. and Sinha, R. K. (1994): Biodegradation capacity and residue pattern of organochlorines in Ganges River dolphins from India. *Toxicological and Environmental Chemistry*, **42**, 249-261.
91. Falandysz, J., Tanabe, S. and Tatsukawa, R. (1994): Most toxic and highly bioaccumulative PCB congeners in cod-liver oil of Baltic origin processed in Poland during the 1970s and 1980s, their TEQ-values and possible intake. *The Science of the Total Environment*, **145**, 207-212.
92. Falandysz, J., Kannan, K., Tanabe, S. and Tatsukawa, R. (1994): Concentrations and 2,3,7,8-tetrachlorodibenzo-*p*-dioxin toxic equivalents of non-*ortho* coplanar PCBs in adipose fat of poles. *Bulletin of Environmental Contamination and Toxicology*, **53(2)**, 267-273.
93. Falandysz, J., Kannan, K., Tanabe, S. and Tatsukawa, R. (1994): Organochlorine pesticides and polychlorinated biphenyls in cod-liver oils: North Atlantic, Norwegian Sea, North Sea and Baltic Sea. *Ambio*, **23(4/5)**, 288-293.
94. Kannan, K., Tanabe, S., Williams, R. J. and Tatsukawa, R. (1994): Persistent organochlorine residues in foodstuffs from Australia, Papua New Guinea and the Solomon Islands: contamination levels and human dietary exposure. *The Science of the Total Environment*, **153**, 29-49.
95. Falandysz, J., Yamashita, N., Tanabe, S., Tatsukawa, R., Rucinska, L. and Skora, K. (1994): Congener-specific data on polychlorinated biphenyls in tissues of common porpoise from Puck Bay, Baltic Sea. *Archives of Environmental Contamination and Toxicology*, **26(3)**, 267-272.
96. Tanabe, S., Iwata, H. and Tatsukawa, R. (1994): Global contamination by persistent organochlorines and their ecotoxicological impact on marine mammals. *The Science of the Total Environment*, **154**, 163-177.
97. Iwata, H., Tanabe, S., Miyazaki, N. and Tatsukawa, R. (1994): Detection of butyltin compound residues in the blubber of marine mammals. *Marine Pollution Bulletin*, **28(10)**, 607-612.
98. Iwata, H., Tanabe, S., Aramoto, M., Sakai, N. and Tatsukawa, R. (1994): Persistent organochlorine residues in sediments from the Chukchi Sea, Bering Sea and Gulf of Alaska. *Marine Pollution Bulletin*, **28(12)**, 746-753.
99. Kannan, K., Yasunaga, Y., Iwata, H., Ichihashi, H., Tanabe, S. and Tatsukawa, R. (1995): Concentrations of heavy metals, organochlorines and organotins in horseshoe crab, *Tachypleus tridentatus*, from Japanese

- coastal waters. *Archives of Environmental Contamination and Toxicology*, **28(1)**, 40-47.
100. 田辺信介 (1995): 有害物質による海洋汚染の歴史と現状-1975年以降を中心に, *沿岸海洋研究ノート*, **32(2)**, 137-144.
 101. Iwata, H., Tanabe, S., Ueda, K. and Tatsukawa, R. (1995): Persistent organochlorine residues in air, water, sediment, and soils from the Lake Baikal region, Russia. *Environmental Science and Technology*, **29(2)**, 792-801.
 102. Kannan, K., Tanabe, S. and Tatsukawa, R. (1995): Phenyltin residues in horseshoe crabs, *Tachypleus tridentatus* from Japanese coastal waters. *Chemosphere*, **30(5)**, 925-932.
 103. Corsolini, S., Focardi, S., Kannan, K., Tanabe, S., Borrell, A. and Tatsukawa, R. (1995): Congener profile and toxicity assessment of polychlorinated biphenyls in dolphins, sharks and tuna collected from Italian coastal waters. *Marine Environmental Research*, **40(1)**, 33-53.
 104. Corsolini, S., Focardi, S., Kannan, K., Tanabe, S. and Tatsukawa, R. (1995): Isomer-specific analysis of polychlorinated biphenyls and 2,3,7,8-tetrachlorodibenzo-*p*-dioxin equivalents (TEQs) in red fox and human adipose tissue from central Italy. *Archives of Environmental Contamination and Toxicology*, **29(1)**, 61-68.
 105. Kannan, K., Tanabe, S. and Tatsukawa, R. (1995): Occurrence of butyltin residues in certain foodstuffs. *Bulletin of Environmental Contamination and Toxicology*, **55(4)**, 510-516.
 106. Kannan, K., Tanabe, S. and Tatsukawa, R. (1995): Geographical distribution and accumulation features of organochlorine residues in fish in tropical Asia and Oceania. *Environmental Science and Technology*, **29(10)**, 2673-2683.
 107. Kannan, K., Tanabe, S., Iwata, H. and Tatsukawa, R. (1995): Butyltins in muscle and liver of fish collected from certain Asian and Oceanian countries. *Environmental Pollution*, **90(3)**, 279-290.
 108. Nakata, H., Tanabe, S., Tatsukawa, R., Amano, M., Miyazaki, N. and Petrov, E. A. (1995): Persistent organochlorine residues and their accumulation kinetics in Baikal seal (*Phoca sibirica*) from Lake Baikal. *Environmental Science and Technology*, **29(11)**, 2877-2885.
 109. Kannan, K., Tanabe, S., Tatsukawa, R. and Williams, R. J. (1995): Butyltin residues in fish from Australia, Papua New Guinea and the Solomon Islands. *International Journal of Environmental Analytical Chemistry*, **61**, 263-273.
 110. Iwata, H., Tanabe, S., Mizuno, T. and Tatsukawa, R. (1995): High accumulation of toxic butyltins in marine mammals from Japanese coastal waters. *Environmental Science and Technology*, **29(12)**, 2959-2962.
 111. Tanabe, S., Kumaran, P., Iwata, H., Tatsukawa, R. and Miyazaki, N. (1996): Enantiomeric ratios of α -hexachlorocyclohexane in blubber of small cetaceans. *Marine Pollution Bulletin*, **32(1)**, 27-31.
 112. Kim, E. Y., Ichihashi, H., Saeki, K., Atrashkevich, G., Tanabe, S. and Tatsukawa, R. (1996): Metal accumulation in tissues of seabirds from Chayn, northeast Siberia, Russia. *Environmental Pollution*, **92(3)**, 247-252.
 113. Kim, G. B., Tanabe, S., Iwakiri, R., Tatsukawa, R., Amano, M., Miyazaki, N. and Tanakas, H. (1996): Accumulation of butyltin compounds in Risso's dolphin (*Grampus griseus*) from the Pacific coast of Japan: comparison with organochlorine residue pattern. *Environmental Science and Technology*, **30(8)**, 2620-2625.
 114. Kannan, K., Corsolini, S., Focardi, S., Tanabe, S. and Tatsukawa, R. (1996): Accumulation pattern of

- butyltin compounds in dolphin, tuna, and shark collected from Italian coastal waters. *Archives of Environmental Contamination and Toxicology*, **31(1)**, 19-23.
115. Guruge, K. S., Tanabe, S., Iwata, H., Tatsukawa, R. and Yamagishi, S. (1996): Distribution, biomagnification, and elimination of butyltin compound residues in common cormorants (*Phalacrocorax carbo*) from Lake Biwa, Japan. *Archives of Environmental Contamination and Toxicology*, **31(2)**, 210-217.
 116. Lee, J. S., Tanabe, S., Umino, H., Tatsukawa, R., Loughlin, T. R. and Calkins, D. C. (1996): Persistent organochlorines in Steller sea lion (*Eumetopias jubatus*) from the bulk of Alaska and the Bering Sea, 1976-1981. *Marine Pollution Bulletin*, **32(7)**, 535-544.
 117. Kim, G. B., Lee, J. S., Tanabe, S., Iwata, H., Tatsukawa, R. and Shimazaki, K. (1996): Specific accumulation of butyltin compounds in various organs and tissues of the Steller sea lion (*Eumetopias jubatus*): comparison with organochlorine accumulation pattern. *Marine Pollution Bulletin*, **32(7)**, 535-544.
 118. Kim, G. B., Tanabe, S., Tatsukawa, R., Loughlin, T. R. and Shimazaki, K. (1996): Characteristics of butyltin accumulation and biomagnification in Steller sea lion (*Eumetopias Jubatus*). *Environmental Toxicology and Chemistry*, **15(11)**, 2043-2048.
 119. Watanabe, I., Ichihashi, H., Tanabe, S., Amano, M., Miyazaki, N., Petrov, E. A. and Tatsukawa, R. (1996): Trace element accumulation in Baikal seal (*Phoca sibirica*) from the Lake Baikal. *Environmental Pollution*, **94(2)**, 169-179.
 120. Kim, E. Y., Saeki, S., Tanabe, S., Tanaka, H. and Tatsukawa, R. (1996): Specific accumulation of mercury and selenium in seabirds. *Environmental Pollution*, **94(3)**, 261-265.
 121. Kannan, K., Senthilkumar, K., Loganathan, B. G., Takahashi, S., Odell, D. K. and Tanabe, S. (1997): Elevated accumulation of tributyltin and its breakdown products in bottlenose dolphins (*Tursiops truncatus*) found stranded along the U.S. Atlantic and Gulf coast. *Environmental Science and Technology*, **31(1)**, 296-301.
 122. Guruge, K. S., Tanabe, S., Fukuda, M., Yamagishi, S. and Tatsukawa, R. (1997): Comparative tissue distribution of butyltin compounds in common cormorants (*Phalacrocorax carbo*) from Japan. *Toxicological and Environmental Chemistry*, **58**, 197-208.
 123. Nakata, H., Tanabe, S., Tatsukawa, R., Amano, M., Miyazaki, N. and Petrov, E. A. (1997): Bioaccumulation profiles of polychlorinated biphenyls including coplanar congeners and possible toxicological implications in Baikal seal (*Phoca sibirica*). *Environmental Pollution*, **95(1)**, 57-65.
 124. Iwata, H., Tanabe, S., Mizuno, T. and Tatsukawa, R. (1997): Bioaccumulation of butyltin compounds in marine mammals: the specific tissue distribution and composition. *Applied Organometallic Chemistry*, **11**, 257-264.
 125. Guruge, K. S., Tanabe, S., Fukuda, M., Yamagishi, S. and Tatsukawa, R. (1997): Accumulation pattern of persistent organochlorine residues in common cormorants (*Phalacrocorax carbo*) from Japan. *Marine Pollution Bulletin*, **34(3)**, 186-193.
 126. Kannan, K., Maruya, K. A. and Tanabe, S. (1997): Distribution and characterization of polychlorinated biphenyl congeners in soil and sediments from a superfund site contaminated with Aroclor 1268. *Environmental Science and Technology*, **31(5)**, 1483-1488.

127. Lee, J. S., Tanabe, S., Takemoto, N. and Kubodera, T. (1997): Organochlorine residues in deep-sea organisms from Suruga Bay, Japan. *Marine Pollution Bulletin*, **34(4)**, 250-258.
128. Tanabe, S., Madhusree, B., Amaha, A. O., Tatsukawa, R., Miyazaki, N., Ozdamar, E., Aral, O., Samsun, O. and Ozturk, B. (1997): Persistent organochlorine residues in harbour porpoise (*Phocoena phocoena*) from the Black Sea. *Marine Pollution Bulletin*, **34(5)**, 338-347.
129. Guruge, K. S., Iwata, H., Tanaka, H. and Tanabe, S. (1997): Butyltin accumulation in the liver and kidney of seabirds. *Marine Environmental Research*, **44(2)**, 191-199.
130. Lee, D. B., Prudente, M. S., Tanabe, S. and Tatsukawa, R. (1997): Organochlorine residues in soils and sediments from Manila and nearby provinces, Philippines. *Toxicological and Environmental Chemistry*, **60**, 171-181.
131. Kim, G. B., Anderson, J. W., Bothner, K., Lee, J. H., Koh, C. H. and Tanabe, S. (1997): Application of P450RGS (Reporter Gene System) as a bioindicator of sediment PAH contamination in the vicinity of Incheon Harbour. *Biomarkers*, **2(3)**, 181-188.
132. Guruge, K. S. and Tanabe, S. (1997): Congener specific accumulation and toxic assessment of polychlorinated biphenyls in common cormorants, *Phalacrocorax carbo*, from Lake Biwa, Japan. *Environmental Pollution*, **96(3)**, 425-433.
133. Prudente, M., Tanabe, S., Watanabe, M., Subramanian, A., Miyazaki, N., Suarez, P. and Tatsukawa, R. (1997): Organochlorine contamination in some odontoceti species from the North Pacific and Indian Ocean. *Marine Environmental Research*, **44(4)**, 415-427.
134. Prudente, M., Kim, E., Tanabe, S. and Tatsukawa, R. (1997): Metal levels in some commercial fish species from Manila Bay, the Philippines. *Marine Environmental Research*, **34(8)**, 671-674.
135. Kan-atireklap, S., Tanabe, S., Sanguansin, J., Tabucanon, M. S. and Hungspreugs, M. (1997): Contamination by butyltin compounds and organochlorine residues in the green mussel (*Perna viridis*, L.) from Thailand coastal waters. *Environmental Pollution*, **97(1/2)**, 79-89.
136. Madhusree, B., Tanabe, S., Amaha, A. O., Tatsukawa, R., Miyazaki, N., Ozdamar, E., Aral, O., Samsun, O. and Ozturk, B. (1997): Contamination by butyltin compounds in harbour porpoise (*Phocoena phocoena*) from the Black Sea. *Fresenius Journal of Analytical Chemistry*, **359(3)**, 244-248.
137. Tanabe, S., Madhusree, B., Amaha, A. O., Tatsukawa, R., Miyazaki, N., Ozdamar, E., Aral, O., Samsun, O. and Ozturk, B. (1997): Isomer-specific analysis of polychlorinated biphenyls in harbour porpoise (*Phocoena phocoena*) from the Black Sea. *Marine Pollution Bulletin*, **34(9)**, 712-720.
138. Takahashi, S., Tanabe, S. and Kubodera, T. (1997): Butyltin residues in deep-sea organisms collected from Suruga Bay, Japan. *Environmental Toxicology and Chemistry*, **31(11)**, 3103-3109.
139. Kan-atireklap, S., Tanabe, S. and Sanguansin, J. (1997): Contamination by butyltin compounds in sediments from Thailand. *Marine Pollution Bulletin*, **34(11)**, 894-899.
140. Aono, S., Tanabe, S., Fujise, Y., Kato, H. and Tatsukawa, R. (1997): Persistent organochlorines in minke whale (*Balaenoptera acutrostrata*) and their prey species from the Antarctic and the North Pacific. *Environmental Pollution*, **98(1)**, 81-89.
141. Tanabe, S., Prudente, M., Mizuno, T., Hasegawa, J., Iwata, H. and Miyazaki, N. (1998): Butyltin

- contamination in marine mammals from North Pacific and Asian coastal waters. *Environmental Science and Technology*, **32**(2), 193-198.
142. 渡辺 泉・山本義志・本田克久・藤瀬良弘・加藤秀弘・田辺信介・立川 涼 (1998): 1980-82 年および 1984-86 年に捕獲した南半球産ミンククジラの水銀蓄積の比較, *日本水産学会誌*, **64**(1), 105-109.
 143. 佐伯和利・中谷暢丈・Le, T. H. L.・田辺信介 (1998): 誘導結合プラズマ質量分析計による生物試料中総スズの定量, *分析化学*, **47**(2), 135-139.
 144. Tanabe, S., Senthilkumar, K., Kannan, N. and Subramanian, A. N. (1998): Accumulation features of polychlorinated biphenyls and organochlorine pesticides in resident and migratory birds from South India. *Archives of Environmental Contamination and Toxicology*, **34**(4), 387-397.
 145. Kannan, K., Guruge, K. S., Thomas, N. J., Tanabe, S. and Giesy, J. P. (1998): Butyltin residues in southern sea otters (*Enhydra lutris nereis*) found dead along California coastal waters. *Environmental Science and Technology*, **32**(9), 1169-1175.
 146. Kannan, K., Nakata, H., Stafford, R., Masson, G. R., Tanabe, S. and Giesy, J. P. (1998): Bioaccumulation and toxic potential of extremely hydrophobic polychlorinated biphenyl congeners in biota collected at a superfund site contaminated with Aroclor 1268. *Environmental Science and Technology*, **32**(9), 1214-1221.
 147. Hoshi, H., Minamoto, N., Iwata, H., Shiraki, K., Tatsukawa, R., Tanabe, S., Fujita, S., Hirai, K. and Kinjo, T. (1998): Organochlorine pesticides and polychlorinated biphenyl congeners in wild terrestrial mammals and birds from Chubu Region, Japan: Interspecies comparison of the residue levels and compositions. *Chemosphere*, **36**(15), 3211-3221.
 148. Kim, G. B., Nakata, H. and Tanabe, S. (1998): In vitro inhibition of hepatic cytochrome P450 and enzyme activity by butyltin compounds in marine mammals. *Environmental Pollution*, **99**(2), 255-261.
 149. Takahashi, S., Lee, J. S., Tanabe, S. and Kubodera, T. (1998): Contamination and specific accumulation of organochlorine and butyltin compounds in deep-sea organisms collected from Suruga Bay, Japan. *The Science of the Total Environment*, **214**(1-3), 49-64.
 150. Iwata, H., Tanabe, S., Iida, T., Baba, N., Ludwig, J. P. and Tatsukawa, R. (1998): Enantioselective accumulation of α -hexachlorocyclohexane in northern fur seals and double-crested cormorants: effects of biological and ecological factors in the higher trophic levels. *Environmental Science and Technology*, **32**(15), 2244-2249.
 151. Nakata, H., Tanabe, S., Tatsukawa, R., Koyama, Y., Miyazaki, N., Belikov, S. and Boltunov, A. (1998): Persistent organochlorine contaminations in ringed seals (*Phoca hispida*) from the Kara Sea, Russian Arctic. *Environmental Toxicology and Chemistry*, **17**(9), 1745-1755.
 152. Watanabe, I., Tanabe, S., Amano, M., Miyazaki, N., Petrov, E. A. and Tatsukawa, R. (1998): Age-dependent accumulation of heavy metals in Baikal seal (*Phoca sibirica*) from the Lake Baikal. *Archives of Environmental Contamination and Toxicology*, **35**(3), 518-526.
 153. Kim, E. Y., Goto, R., Tanabe, S. and Tatsukawa, R. (1998): Distribution of 14 elements in tissues and organs of oceanic seabirds. *Archives of Environmental Contamination and Toxicology*, **35**(4), 638-645.
 154. Nakata, H., Kannan, K., Jing, L., Thomas, N., Tanabe, S. and Giesy, J. P. (1998): Accumulation pattern of organochlorine pesticides and polychlorinated biphenyls in southern sea otters (*Enhydra lutris nereis*) found

- stranded along coastal California, USA. *Environmental Pollution*, **103(1)**, 45-53.
155. Kim, G. B., Tanabe, S. and Koh, C. H. (1998): Butyltins in surface sediments of Kyeonggi Bay, Korea. *Journal of the Korean Society of Oceanography*, **33(3)**, 64-70.
 156. Senthilkumar, K., Kannan, K., Tanabe, S. and Prudente, M. (1998): Butyltin compounds in resident and migrant birds collected from Philippines. *Fresenius of Environmental Bulletin*, **7**, 561-571.
 157. Kan-atireklap, S., Yen, N. T. H., Tanabe, S. and Subramanian, A. N. (1998): Butyltin compounds and organochlorine residues in green mussel (*Perna viridis*, L.) from India. *Toxicological and Environmental Chemistry*, **67(3/4)**, 409-424.
 158. Senthilkumar, K., Tanabe, S., Kannan, K. and Subramanian, A. N. (1999): Butyltins residues in migratory and resident birds collected from South India. *Toxicological and Environmental Chemistry*, **68(1/2)**, 91-104.
 159. Kim, G. B., Maruya, K. A., Lee, R. F., Lee, J. H., Koh, C. H. and Tanabe, S. (1999): Distribution and sources of polycyclic aromatic hydrocarbons in sediments from Kyeonggi Bay, Korea. *Marine Pollution Bulletin*, **38(1)**, 7-15.
 160. Kim, E. Y., Goto, R., Iwata, H., Masuda, Y., Tanabe, S. and Fujita, S. (1999): Preliminary survey of lead poisoning of Steller's sea eagle (*Haliaeetus pelagicus*) and white-tailed sea eagle (*Haliaeetus albicilla*) in Hokkaido, Japan. *Environmental Toxicology and Chemistry*, **18(3)**, 448-451.
 161. Le, L. T. H., Takahashi, S., Saeki, K., Nakatani, N., Tanabe, S., Miyazaki, N. and Fujise, Y. (1999): High percentage of butyltin residues in total tin in the livers of cetaceans from Japanese coastal waters. *Environmental Science and Technology*, **33(11)**, 1781-1786.
 162. Takahashi, S., Mukai, H., Tanabe, S., Sakayama, K., Miyazaki, T. and Masuno, H. (1999): Butyltin residues in livers of humans and wild terrestrial mammals and in plastic products. *Environmental Pollution*, **106(2)**, 213-218.
 163. 上野大介・高橋 真・田辺信介・池田久美子・小山次朗 (1999): イガイ移植実験における有機塩素化合物の蓄積挙動, *環境化学*, **9(2)**, 369-378.
 164. Senthilkumar, K., Kannan, K., Sinha, R. K., Tanabe, S. and Giesy, J. P. (1999): Bioaccumulation profiles of polychlorinated biphenyl congeners and organochlorine pesticides in Ganges River dolphins. *Environmental Toxicology and Chemistry*, **18(7)**, 1511-1520.
 165. Prudente, M., Ichihashi, H., Kan-Atireklap, S., Watanabe, I. and Tanabe, S. (1999): Butyltins, organochlorines and metal levels in green mussel, *Perna viridis* L., from the coastal waters of the Philippines. *Fisheries Science*, **63(3)**, 441-447.
 166. Takahashi, S., Tanabe, S., Takeuchi, I. and Miyazaki, N. (1999): Distribution and specific bioaccumulation of butyltin compounds in a marine ecosystem. *Archives of Environmental Contamination and Toxicology*, **37(1)**, 50-61.
 167. Monirith, I., Nakata, H., Tanabe, S. and Tana, T. S. (1999): Persistent organochlorine residues in marine and freshwater fish in Cambodia. *Marine Pollution Bulletin*, **38(17)**, 604-612.
 168. 佐伯和利・江崎恭志・田辺信介・鹿島勇治・土井睦雄 (1999): カンボジア・プノン ペン周辺で捕獲した魚類の有機塩素系農薬およびP C B s 汚染, *環境科学会誌*, **12(3)**, 345-350.
 169. Watanabe, M., Tanabe, S., Tatsukawa, R., Amano, M., Miyazaki, N., Petrov, E. A. and Khuraskin, S. L.

- (1999): Contamination levels and specific accumulation of persistent organochlorines in Caspian seal (*Phoca caspica*) from the Caspian Sea, Russia. *Archives of Environmental Contamination and Toxicology*, **37(3)**, 396-407.
170. Senthilkumar, K., Watanabe, M., Kannan, K., Subramanian, A. N. and Tanabe, S. (1999): Isomer-specific patterns and toxic assessment of polychlorinated bipenyls in resident, wintering migrant birds and bat collected from South India. *Toxicological and Environmental Chemistry*, **71(1/2)**, 221-239.
171. Tanabe, S. (1999): Butyltin contamination in marine mammals - a review. *Marine Pollution Bulletin*, **39(1-12)**, 62-72.
172. Minh, T. B., Watanabe, M., Nakata, H., Tanabe, S. and Jefferson, T. A. (1999): Contamination by persistent organochlorines in small cetaceans from Hong Kong coastal waters. *Marine Pollution Bulletin*, **39(1-12)**, 383-392.
173. Watanabe, M., Tanabe, S., Miyazaki, N., Petrov, E. A. and Jerman, W. M. (1999): Contamination of *tris*(4-chlorophenyl)methane and *tris*(4-chlorophenyl)methanol in marine mammals from Russia and Japan: body distribution, bioaccumulation and contamination status. *Marine Pollution Bulletin*, **39(1-12)**, 393-398.
174. 安永玄太・田辺信介・金 恩英・岩田久人・須藤明子・増田 泰・藤田正一・神 和夫 (2000): 猛禽類オオワシ , オジロワシおよびイヌワシにおける微量元素の蓄積特性, *環境科学会誌*, **13(1)**, 51-59.
175. Zakaria, M. P., Horinouchi, A., Tsutsumi, S., Takada, H., Tanabe, S. and Ismail, A. (2000): Oil pollution in the Straits of Malacca, Malaysia: application of molecular markers for source identification. *Environmental Science and Technology*, **34(7)**, 1189-1196.
176. Saeki, K., Okabe, Y., Kim, E. Y., Tanabe, S., Fukuda, M. and Tatsukawa, R. (2000): Mercury and cadmium in common cormorants (*Phalacrocorax carbo*). *Environmental Pollution*, **108(2)**, 249-255.
177. Guruge, K. S., Tanabe, S. and Fukuda, M. (2000): Toxic assessment of PCBs by the 2,3,7,8-tetrachlorodibenzo-*p*-dioxin equivalent in common cormorant (*Phalacrocorax carbo*) from Japan. *Archives of Environmental Contamination and Toxicology*, **38(4)**, 509-521.
178. Watanabe, M., Kannan, K., Takahashi, A., Loganathan, B. G., Odell, D. K., Tanabe, S. and Giesy, J. P. (2000): Polychlorinated biphenyls, organochlorine pesticides, *tris*(4-chlorophenyl)methane, and *tris*(4-chlorophenyl)methanol in livers of small cetaceans stranded along Florida coastal waters, USA. *Environmental Toxicology and Chemistry*, **19(6)**, 1566-1574.
179. Muir, D., Riget, F., Cleemann, M., Skaare, J., Kleivane, L., Nakata, H., Dietz, R., Severinsen, T. and Tanabe, S. (2000): Circumpolar trends of PCBs and organochlorine pesticides in the Arctic marine environment inferred from levels in ringed seals. *Environmental Science and Technology*, **34(12)**, 2431-2438.
180. Minh, T. B., Watanabe, M., Tanabe, S., Yamada, T., Hata, J. and Watanabe, S. (2000): Occurrence of *tris*(4-chlorophenyl)methane, *tris*(4-chlorophenyl)methanol and some other persistent organochlorines in Japanese human adipose tissue. *Environmental Health Perspectives*, **108(7)**, 599-603.
181. Sakai, H., Saeki, K., Ichihashi, H., Suganuma, H., Tanabe, S. and Tatsukawa, R. (2000): Species-specific distribution of heavy metals in tissues and organs of loggerhead turtle (*Caretta caretta*) and green turtle (*Chelonia mydas*) from Japanese coastal waters. *Marine Pollution Bulletin*, **40(8)**, 701-709.
182. 高橋 厚・Le, L. T. H.・田辺信介 (2000): 有機塩素系農薬, プチルスズ化合物による北海道産ウミ

スズメ類の汚染, *環境科学会誌*, **13(3)**, 397-404.

183. Minh, T. B., Watanabe, M., Tanabe, S., Miyazaki, N., Jefferson, T. A., Prudente, M. S., Subramanian, A. and Karuppiah, S. (2000): Widespread contamination by *tris*(4-chlorophenyl)methan and *tris*(4-chlorophenyl)methanol in cetaceans from the North Pacific and Asian coastal waters. *Environmental Pollution*, **110(3)**, 459-468.
184. Yasunaga, G., Watanabe, I., Prudente, M. S., Subramanian, A., Qui, V. and Tanabe, S. (2000): Trace elements accumulation in waders from Asia. *Toxicological and Environmental Chemistry*, **77**, 75-92.
185. Sakai, H., Saeki, K., Ichihashi, H., Kamezaki, N., Tanabe, S. and Tatsukawa, R. (2000): Growth-related changes in heavy metal accumulation in green turtle (*Chelonia mydas*) from Yaeyama Islands, Okinawa, Japan. *Archives of Environmental Contamination and Toxicology*, **39(3)**, 378-385.
186. Minh, T. B., Nakata, H., Watanabe, M., Tanabe, S., Miyazaki, N., Jefferson, T. A., Prudente, M. and Subramanian, A. (2000): Isomer-specific accumulation and toxic assessment of polychlorinated biphenyls, including coplanar congeners, in cetaceans from the North Pacific and Asian coastal waters. *Archives of Environmental Contamination and Toxicology*, **39(3)**, 398-410.
187. Tanabe, S., Prudente, M. S., Kan-attireklap, S. and Subramanian, A. (2000): Mussel watch: marine pollution monitoring of butyltins and organochlorines in coastal waters of Thailand, Philippines and India. *Ocean & Coastal Management*, **43(8/9)**, 819-839.
188. 田辺信介 (2000): 有機スズ化合物による海棲哺乳動物の汚染, *Biomedical Research on Trace Elements*, **11(3)**, 215-224.
189. Senthilkumar, K., Kannan, K., Subramanian, A. N. and Tanabe, S. (2000): Accumulation of organochlorine pesticides and polychlorinated biphenyls in sediments, aquatic organisms, birds, bird eggs and bat collected from South India. *Environmental Science and Pollution Research*, **7**, 1-13.
190. Teramitsu, I., Yamamoto, Y., Chiba, I., Iwata, H., Tanabe, S., Fujise, Y., Kazusaka, A., Akahori, F. and Fujita, S. (2000): Identification of novel cytochrome P450 1A genes from five marine mammal species. *Aquatic Toxicology*, **51**, 145-153.
191. Sudaryanto, A., Takahashi, S., Tanabe, S., Muchtar, M. and Razak, H. (2000): Occurrence of butyltin compounds in mussels from Indonesian coastal waters and some Asian countries. *Water Science and Technology*, **42(7/8)**, 71-79.
192. Takahashi, S., Le, L. T. H., Saeki, H., Nakatani, N., Tanabe, S., Miyazaki, N. and Fujise, Y. (2000): Accumulation of butyltin compounds and total tin in marine mammals. *Water Science and Technology*, **42(7/8)**, 97-108.
193. Minh, T. B., Prudente, M. S., Watanabe, M., Tanabe, S., Nakata, H., Miyazaki, N., Jefferson, T. A. and Subramanian, A. N. (2000): Recent contamination of persistent chlorinated endocrine disrupters in cetaceans from the North Pacific and Asian coastal waters. *Water Science and Technology*, **42(7/8)**, 231-240.
194. Monirith, I., Nakata, H., Watanabe, M., Takahashi, S., Tanabe, S. and Tana, T. S. (2000): Organochlorine contamination in fish and mussels from Cambodia and other Asian countries. *Water Science and Technology*, **42(7/8)**, 241-252.
195. Takahashi, S., Tanabe, S. and Kawaguchi, K. (2000): Organochlorine and butyltin residues in mesopelagic

- myctophid fishes from the western North Pacific. *Environmental Science and Technology*, **34(24)**, 5129-5136.
196. Saeki, K., Sakakibara, H., Sakai, H., Kunito, T. and Tanabe, S. (2000): Arsenic accumulation in three species of sea turtles. *BioMetals*, **3**, 241-250.
197. Senthilkumar, K., Kannan, K., Subramanian, An. and Tanabe, S. (2001): Accumulation of organochlorine pesticides and polychlorinated biphenyls in sediments, aquatic organisms, birds, bird eggs and bat collected from South India. *Environmental Science and Pollution Research*, **8(1)**, 35-47.
198. Guruge, K.S. and Tanabe, S. (2001): Contamination by persistent organochlorines and butyltin compounds in the west coast of Sri Lanka. *Marine Pollution Bulletin*, **42(3)**, 179-186.
199. Chiba, I., Sakakibara, A., Goto, Y., Isono, T., Yamamoto, Y., Iwata, H., Tanabe, S., Shimazaki, K., Akahori, F., Kazusaka, A. and Fujita, S. (2001): Negative correlation between plasma thyroid hormone levels and chlorinated hydrocarbon levels accumulated in seals from the coast of Hokkaido, Japan. *Environmental Toxicology and Chemistry*, **20(5)**, 1092-1097.
200. Lee, K.T., Tanabe, S. and Koh, C.H. (2001): Contamination of polychlorinated biphenyls (PCBs) in sediments from Kyeonggi Bay and nearby areas, Korea. *Marine Pollution Bulletin*, **42(4)**, 273-279.
201. Takeuchi, I., Takahashi, S., Tanabe, S. and Miyazaki, N. (2001): *Caprella* watch: a new approach for monitoring butyltin residues in the ocean. *Marine Environmental Research*, **52(2)**, 97-113.
202. Lee, K.T., Tanabe, S. and Koh, C.H. (2001): Distribution of organochlorine pesticides in sediments from Kyeonggi Bay and nearby areas, Korea. *Environmental Pollution*, **114(2)**, 207-213.
203. Kajiwara, N., Kannan, K., Muraoka, M., Watanabe, M., Takahashi, S., Gulland, F., Olsen, H., Blankenship, A.L., Jones, P.D., Tanabe, S. and Giesy, J.P. (2001): Organochlorine pesticides, polychlorinated biphenyls, and butyltin compounds in blubber and livers of stranded California sea lions, elephant seals, and harbor seals from coastal California, USA. *Archives of Environmental Contamination and Toxicology*, **41(1)**, 90-99.
204. Guruge, K., Watanabe, M., Tanaka, H. and Tanabe, S. (2001): Accumulation status of persistent organochlorines in albatrosses from the North Pacific and the Southern Ocean. *Environmental Pollution*, **114(3)**, 389-398.
205. 上野大介・高橋 真・田辺信介・池田久美子・小山次朗・山田 久 (2001): 季節、サイズおよび生息深度によるムラサキイガイ中有機塩素化合物蓄積濃度の変動, 日本水産学会誌, **67(5)**, 887-893.
206. Guruge, K.S., Tanaka, H. and Tanabe, S. (2001): Concentration and toxic potential of polychlorinated biphenyl congeners in migratory oceanic birds from the North Pacific and Southern Ocean. *Marine Environmental Research*, **52(3)**, 271-288.
207. Kubota, R., Kunito, T. and Tanabe, S. (2001): Arsenic accumulation in the liver tissue of marine mammals. *Environmental Pollution*, **115(2)**, 303-312.
208. Minh, T.B., Watanabe, M., Tanabe, S., Yamada, T., Hata, J. and Watanabe, S. (2001): Specific accumulation and elimination kinetics of *tris*(4-chlorophenyl)methane, *tris*(4-chlorophenyl)methanol, and other persistent organochlorines in humans from Japan. *Environmental Health Perspectives*, **109(9)**, 927-935.
209. 田辺信介・高橋 真 (2001): プチルスズ化合物による海洋生態系の汚染—海棲哺乳動物を中心に—, 地球環境, **16(1)**, 13-27.
210. Anan, Y., Kunito, T., Watanabe, I., Sakai, H. and Tanabe, S. (2001): Trace element accumulation in

- hawksbill turtles (*Eretmochelys imbricata*) and green turtles (*Chelonia mydas*) from Yaeyama Islands, Japan. *Environmental Toxicology and Chemistry*, **20**(12), 2802-2814.
211. Kunito, T., Watanabe, I., Yasunaga, G., Fujise, Y. and Tanabe, S. (2002): Using trace elements in skin to discriminate the populations of minke whales in southern hemisphere. *Marine Environmental Research*, **53**(2), 175-197.
212. Kajiwara, N., Niimi, S., Watanabe, M., Ito, Y., Takahashi, S., Tanabe, S., Khuraskin, L.S. and Miyazaki, N. (2002): Organochlorine and organotin compounds in Caspian seals (*Phoca caspica*) collected during an unusual mortality event in the Caspian Sea in 2000. *Environmental Pollution*, **117**(3), 391-402.
213. Hong, H.K., Takahashi, S., Min, B.Y. and Tanabe, S. (2002): Butyltin residues in blue mussels (*Mytilus edulis*) and arkshells (*Scapharca broughtonii*) collected from Korean coastal waters. *Environmental Pollution*, **117**(3), 475-486.
214. Ohji, M., Takeuchi, I., Takahashi, S., Tanabe, S. and Miyazaki, N. (2002): Differences in the acute toxicities of tributyltin between the Caprellidea and the Gammaridea (Crustacea: Amphipoda). *Marine Pollution Bulletin*, **44**(1), 16-24.
215. Brito, A.P.X., Ueno, D., Takahashi, S. and Tanabe, S. (2002): Organochlorine and butyltin residues in walleye pollock (*Theragra chalcogramma*) from Bering Sea, Gulf of Alaska and Japan Sea. *Chemosphere*, **46**(3), 401-411.
216. Brito, A.P.X., Ueno, D., Takahashi, S. and Tanabe, S. (2002): Contamination by organochlorine compounds in walleye pollock (*Theragra chalcogramma*) from the Bering Sea, Gulf of Alaska and the Japan Sea. *Marine Pollution Bulletin*, **44**(2), 172-177.
217. Chiba, I., Sakakibara, A., Iwata, H., Ishizuka, M., Tanabe, S., Akahori, F., Kazusaka, A. and Fujita, S. (2002): Hepatic microsomal P450s and chlorinated hydrocarbons in largha and ribbon seals from Hokkaido, Japan: differential response of seal species to Ah receptor agonist exposure. *Environmental Toxicology and Chemistry*, **21**(4), 794-806.
218. Sakamoto, K.Q., Kunisue, T., Watanabe, M., Masuda, Y., Iwata, H., Tanabe, S., Akahori, F., Ishizuka, M., Kazusaka, A. and Fujita, S. (2002): Accumulation patterns of polychlorinated biphenyl congeners and organochlorine pesticides in Steller's sea eagles and white-tailed sea eagles, threatened species, in Hokkaido, Japan. *Environmental Toxicology and Chemistry*, **21**(4), 842-847.
219. Kunisue, T., Minh, T.B., Fukuda, K., Watanabe, M., Tanabe, S. and Titenko, A.M. (2002): Seasonal variation of persistent organochlorine accumulation in birds from Lake Baikal, Russia, and the role of the south Asian region as a source of pollution for wintering migrants. *Environmental Science and Technology*, **36**(7), 1396-1404.
220. Anan, Y., Kunito, T., Ikemoto, T., Kubota, R., Watanabe, I., Tanabe, S., Miyazaki, N. and Petrov, E.A. (2002): Elevated concentrations of trace elements in Caspian seals (*Phoca caspica*) found stranded during the mass mortality events in 2000. *Archives of Environmental Contamination and Toxicology*, **42**(4), 354-362.
221. Arai, T., Ikemoto, T., Kunito, T., Tanabe, S. and Miyazaki, N. (2002): Otolith microchemistry of the conger eel, *Conger myriaster*. *Journal of the Marine Biological Association of the United Kingdom*, **82**, 303-305.
222. Watanabe, I., Kunito, T., Tanabe, S., Amano, M., Koyama, Y., Miyazaki, N., Petrov, E.A. and Tatsukawa, R.

- (2002): Accumulation of heavy metals in Caspian seals (*Phoca caspica*). *Archives of Environmental Contamination and Toxicology*, **43(1)**, 109-120.
223. Ebisuda, K., Kunito, T., Kubota, R. and Tanabe, S. (2002): Arsenic concentrations and speciation in the tissues of ringed seals (*Phoca hispida*) from Pangnirtung, Canada. *Applied Organometallic Chemistry*, **16(8)**, 451-457.
224. Kubota, R., Kunito, T., Tanabe, S., Ogi, H. and Shibata, Y. (2002): Maternal transfer of arsenic to eggs of black-tailed gull (*Larus crassirostris*) from Rishiri Island, Japan. *Applied Organometallic Chemistry*, **16(8)**, 463-468.
225. Iguchi, T., Sumi, M. and Tanabe, S. (2002): Endocrine disruptor issues in Japan. *Congenital Anomalies*, **42**, 106-119.
226. Kim, E.Y., Hahn, M.E., Iwata, H., Tanabe, S. and Miyazaki, N. (2002): cDNA cloning of an aryl hydrocarbon receptor from Baikal seals (*Phoca sibirica*). *Marine Environmental Research*, **54(3-5)**, 285-290.
227. Minh, T.B., Kunisue, T., Yen, N.T.H., Watanabe, M., Tanabe, S., Hue, N.D. and Qui, V. (2002): Persistent organochlorine residues and their bioaccumulation profiles in resident and migratory birds from north Vietnam. *Environmental Toxicology and Chemistry*, **21(10)**, 2108-2118.
228. Sudaryanto, A., Takahashi, S., Monirith, I., Ismail, A., Muchtar, M., Zheng, J., Richardson, B.J. Subramanian, An., Prudente, M., Hue, N.D. and Tanabe, S. (2002): Asia-Pacific mussel watch: monitoring of butyltin contamination in coastal waters of Asian developing countries. *Environmental Toxicology and Chemistry*, **21(10)**, 2119-2130.
229. 久保田彰・染矢雅之・渡部真文・田辺信介 (2002): PCBs およびダイオキシン類 (ポリ塩化ジベンゾ-p-ダイオキシン, ポリ塩化ジベンゾフラン, コプラナ PCBs) による宇和海沿岸堆積物の汚染, 日本水産学会誌, **68(5)**, 695-700.
230. Nakata, H., Sakakibara, A., Kanoh, M., Kudo, S., Watanabe, H., Nagai, N., Miyazaki, N., Asano, Y. and Tanabe, S. (2002): Evaluation of mitogen-induced responses in marine mammal and human lymphocytes by *in-vitro* exposure of butyltins and non-ortho coplanar PCBs. *Environmental Pollution*, **120(2)**, 245-253.
231. Tanabe, S. (2002): Contamination and toxic effects of persistent endocrine disrupters in marine mammals and birds. *Marine Pollution Bulletin*, **45(1-12)**, 69-77.
232. Kubota, R., Kunito, T. and Tanabe, S. (2002): Chemical speciation of arsenic in the livers of higher trophic marine animals. *Marine Pollution Bulletin*, **45(1-12)**, 218-223.
233. Anan, Y., Kunito, T., Sakai, H. and Tanabe, S. (2002): Subcellular distribution of trace elements in the liver of sea turtles. *Marine Pollution Bulletin*, **45(1-12)**, 224-229.
234. Yang, J., Kunito, T., Tanabe, S., Amano, M. and Miyazaki, N. (2002): Trace elements in skin of Dall's porpoises (*Phocoenoides dalli*) from the northern waters of Japan: an evaluation for utilization as non-lethal tracers. *Marine Pollution Bulletin*, **45(1-12)**, 230-236.
235. Ueno, D., Iwata, H., Tanabe, S., Ikeda, K., Koyama, J. and Yamada, H. (2002): Specific accumulation of persistent organochlorines in bluefin tuna collected from Japanese coastal waters. *Marine Pollution Bulletin*, **45(1-12)**, 254-261.
236. de Brito, A.P.X., Takahashi, S., Ueno, D., Iwata, H., Tanabe, S. and Kubodera, T. (2002): Organochlorine

- and butyltin residues in deep-sea organisms collected from the western North Pacific, off-Tohoku, Japan. *Marine Pollution Bulletin*, **45(1-12)**, 348-361.
237. Kajiwara, N., Watanabe, M., Tanabe, S., Nakamatsu, K., Amano, M. and Miyazaki, N. (2002): Specific accumulation and temporal trends of organochlorine contaminants in Dall's porpoises (*Phocoenoides dalli*) from Japanese coastal waters. *Marine Pollution Bulletin*, **44(10)**, 1089-1099.
238. 渡邊 泉・四宮基彦・國頭 恭・田辺信介・窪寺恒己 (2002): 駿河湾および東北沖で採取された深海生魚介類の微量元素蓄積, *地球化学*, **36(4)**, 179-189.
239. 酒井大樹・笠井梨恵・高橋 真・田辺信介 (2003): プチルスズ化合物による宇和海沿岸堆積物および養殖魚介類の汚染, *日本水産学会誌*, **69(1)**, 10-22.
240. Monirith, I., Ueno, D., Takahashi, S., Nakata, H., Sudaryanto, A., Subramanian, An., Karuppiah, S., Ismail, A., Muchtar, M., Zheng, J., Richardson, B.J., Prudente, M., Hue, N.D., Tana, T.S., Tkalin, A.V. and Tanabe, S. (2003): Asia-Pacific mussel watch: monitoring contamination of persistent organochlorine compounds in coastal waters of Asian countries. *Marine Pollution Bulletin*, **46(3)**, 281-300.
241. 渡邊 泉・田辺信介 (2003): バイカル湖、カスピ海、黒海および日本近海産魚類 20 種の微量元素蓄積, *環境化学*, **13(1)**, 31-40.
242. 越智久尚・藤田慎二郎・山内正信・國頭 恭, 田辺信介 (2003): 愛媛県の東予地域及び中予地域における粉じんの元素汚染とその挙動, *環境化学*, **13(1)**, 41-49.
243. Minh, N.H., Minh, T.B., Watanabe, M., Kunisue, T., Monirith, I., Tanabe, S., Sakai, S., Subramanian, A.N., Sasikumar, K., Viet, P.H., Tuyen, B.C., Tana, T.S. and Prudente, M.S. (2003): Open dumping site in Asian developing countries: a potential source of polychlorinated dibenzo-*p*-dioxins and polychlorinated dibenzofurans. *Environmental Science and Technology*, **37(8)**, 1493-1502.
244. Tanabe, S., Niimi, S., Minh, T.B., Miyazaki, N. and Petrov, A.E. (2003): Temporal trends of persistent organochlorines in Russia: a case study of Baikal and Caspian seal. *Archives of Environmental Contamination and Toxicology*, **44(4)**, 533-545.
245. Kubota, R., Kunito, T. and Tanabe, S. (2003): Occurrence of several arsenic compounds in the liver of birds, cetaceans, pinnipeds, and sea turtles. *Environmental Toxicology and Chemistry*, **22(6)**, 1200-1207.
246. Kunisue, T., Watanabe, M., Subramanian, An., Sethuraman, A., Titenko, A., Qui, V., Prudente, M. and Tanabe, S. (2003): Accumulation features of persistent organochlorines in resident and migratory birds from Asia. *Environmental Pollution*, **125(2)**, 157-172.
247. Ueno, D., Inoue, S., Ikeda, K., Tanaka, H., Yamada, H. and Tanabe, S. (2003): Specific accumulation of polychlorinated biphenyls and organochlorine pesticides in Japanese common squid as a bioindicator. *Environmental Pollution*, **125(2)**, 227-235.
248. Connell, D.W., Fung, C.N., Minh, T.B., Tanabe, S., Lam, P.K.S., Wong, B.S.F., Lam, M.H.W., Wong, L.C., Wu, R.S.S. and Richardson, B.J. (2003): Risk to breeding success of fish-eating Ardeids due to persistent organic contaminants in Hong Kong: evidence from organochlorine compounds in eggs. *Water Research*, **37**, 459-467.
249. Kajiwara, N., Ueno, D., Monirith, I., Tanabe, S., Pourkazemi, M. and Aubrey, D.G. (2003): Contamination by organochlorine compounds in sturgeons from Caspian Sea during 2001 and 2002. *Marine Pollution*

Bulletin, **46(6)**, 741-747.

250. 田辺信介・梶原夏子・荒金玉美・渡部真文 (2003): 日本沿岸に漂着した鯨類の有機塩素化合物汚染とその蓄積特性, *哺乳類科学*, **3**, 83-86.
251. 渡邊 泉・寶来佐和子・荒井雄介・久野勝治・林 光武・谷地森秀二・國頭 恭・田辺信介 (2003): 2000 年に栃木県で大量死したムクドリ *Stumus cineraceus* の微量元素蓄積, *環境科学会誌*, **16(4)**, 317-328.
252. Hoshino, H., Fujita, S., Goto, Y., Isono, T., Ishinazaka, T., Sakurai, Y., Iwata, H., Kazusaka, A., Ishizuka, M. and Tanabe, S. (2003): Organochlorine compound accumulation in Steller sea lion *Eumetopias jubatus* migrating along the coast of Hokkaido in northern Japan. *Japanese Journal of Environmental Toxicology*, **6(1)**, 1-10.
253. 越智久尚・藤田慎二郎・山内正信・國頭 恭・田辺信介 (2003): 愛媛県における粉塵及び雨水等降下物中の元素の挙動, *環境化学*, **13(3)**, 643-651.
254. 宝来佐知子・渡邊 泉・久野勝治・田辺信介・岩水良和・本村 健・平岡 考 (2003): 1999 年に羽田で捕獲されたチョウゲンボウの微量元素蓄積, *環境化学*, **13(3)**, 719-732.
255. 越智久尚・藤田慎二郎・山内正信・國頭 恭・田辺信介 (2003): 愛媛県で採取した大気降下物中の元素の起源, *環境化学*, **13(3)**, 753-764.
256. Ueno, D., Takahashi, S., Tanaka, H., Subramanian, A.N., Fillmann, G., Nakata, H., Lam, P.K., Zheng, J., Muchtar, M., Prudente, M., Chung, K.H. and Tanabe, S. (2003): Global pollution monitoring of PCBs and organochlorine pesticides using skipjack tuna as a bioindicator. *Archives of Environmental Contamination and Toxicology*, **45(3)**, 378-389.
257. Yoshitome, R., Kunito, T., Ikemoto, T., Tanabe, S., Zenke, H., Yamauchi, M. and Miyazaki, N. (2003): Global distribution of radionuclides (^{137}Cs and ^{40}K) in marine mammals. *Environmental Science and Technology*, **37(20)**, 497-4602.
258. Monirith, I., Kunisue, T., Iwata, H., Tanabe, S. and Tana, T.S. (2003): Accumulation of persistent organochlorines in resident white-breasted waterhens (*Amaurornis phoenicurus*) from Cambodia. *Marine Pollution Bulletin*, **46(10)**, 1341-1348.
259. Kunisue, T., Watanabe, M., Subramanian, An., Titenko, A.M. and Tanabe, S. (2003): Congener-specific patterns and toxic assessment of polychlorinated biphenyls in resident and migratory birds from southern India and Lake Baikal in Russia. *Archives of Environmental Contamination and Toxicology*, **45(4)**, 547-561.
260. Ebisuda, K., Kunito, T., Fujihara, J., Kubota, R., Shibata, Y. and Tanabe, S. (2003): Lipid-soluble and water-soluble arsenic compounds in blubber of ringed seal (*Pusa hispida*). *Talanta*, **61(6)**, 779-787.
261. Fujihara, J., Kunito, T., Kubota, R. and Tanabe, S. (2003): Arsenic accumulation in livers of pinnipeds, seabirds, and seaturtles: subcellular distribution and interaction between arsenobetaine and glycine betaine. *Comparative Biochemistry and Physiology, Part C*, **136(4)**, 287-296.
262. Ueno, D., Inoue, S., Takahashi, S., Ikeda, K., Tanaka, H., Subramanian, A.N., Fillmann, G., Lam, P.K.S., Zheng, J., Muchtar, M., Prudente, M., Chung, K. and Tanabe, S. (2004): Global pollution monitoring of butyltin compounds using skipjack tuna as a bioindicator. *Environmental Pollution*, **127(1)**, 1-12.
263. Ikemoto, T., Kunito, T., Watanabe, I., Yasunaga, G., Baba, N., Miyazaki, N., Petrov, E.A. and Tanabe, S.

- (2004): Comparison of trace element accumulation in Baikal seals (*Pusa sibirica*), Caspian seals (*Pusa caspica*) and northern fur seals (*Callorhinus ursinus*). *Environmental Pollution*, **127**(1), 83-97.
264. Kannan, K., Kajiwara, N., Watanabe, M., Nakata, H., Thomas, N.J., Stephenson, M., Jessup, D.A. and Tanabe, S. (2004): Profiles of polychlorinated biphenyl congeners, organochlorine pesticides, and butyltins in southern sea otters and their prey. *Environmental Toxicology and Chemistry*, **23**(1), 49-56.
265. Fung, C.N., Lam, J.C.W., Zheng, G.J., Connell, D.W., Monirith, I., Tanabe, S., Richardson, B.J. and Lam, P.K.S. (2004): Mussel-based monitoring of trace metal and organic contaminants along the east coast of China using *Perna viridis* and *Mytilus edulis*. *Environmental Pollution*, **127**(2), 203-216.
266. Kajiwara, N., Matsuoka, S., Iwata, H., Tanabe, S., Rosas, F.C.W., Fillmann, G. and Readman, J.W. (2004): Contamination by persistent organochlorines in cetaceans incidentally caught along Brazilian coastal waters. *Archives of Environmental Contamination and Toxicology*, **46**(1), 124-134.
267. Tanabe, S., Watanabe, M., Minh, T.B., Kunisue, T., Nakanishi, S., Ono, H. and Tanaka, H. (2004): PCDDs, PCDFs, and coplanar PCBs in albatross from the North Pacific and Southern Oceans: levels, patterns, and toxicological implications. *Environmental Science and Technology*, **38**(2), 403-413.
268. 國末達也・染矢雅之・渡部真文・豊田卓枝・黒田優子・長山淳哉・田辺信介 (2004): 残留性有機汚染物質 (POPs) による愛媛県在住初産婦の母乳汚染, *環境科学会誌*, **17**(1), 37-47.
269. Lam, J.C.W., Tanabe, S., Chan, S.K.F., Yuen, E.K.W., Lam, M.H.W. and Lam, P.K.S. (2004): Trace element residues in tissues of green turtles (*Chelonia mydas*) from South China Waters. *Marine Pollution Bulletin*, **48**(1-2), 174-182.
270. Kunisue, T., Someya, M., Monirith, I., Watanabe, M., Tana, T.S. and Tanabe, S. (2004): Occurrence of PCBs, organochlorine insecticides, *tris*(4-chlorophenyl)methane, and *tris*(4-chlorophenyl)methanol in human breast milk collected from Cambodia. *Archives of Environmental Contamination and Toxicology*, **46**(3), 405-412.
271. Takeuchi, I., Takahashi, S., Tanabe, S. and Miyazaki, N. (2004): Butyltin concentrations along the Japanese coast from 1997 to 1999 monitored by *Caprella* spp. (Crustacea: Amphipoda). *Marine Environmental Research*, **57**(5), 397-414.
272. Minh, N.H., Someya, M., Minh, T.B., Kunisue, T., Watanabe, M., Tanabe, S., Viet, P.H. and Tuyen, B.C. (2004): Persistent organochlorine residues in human breast milk from Hanoi and Hochiminh City, Vietnam: contamination, accumulation kinetics and risk assessment for infants. *Environmental Pollution*, **129**(3), 431-441.
273. Lam, J.C.W., Tanabe, S., Wong, B.S.F. and Lam, P.K.S. (2004): Trace element residues in eggs of little egrets (*Egretta garzetta*) and black-crowned night heron (*Nycticorax nycticorax*) from Hong Kong, China. *Marine Pollution Bulletin*, **48**(3-4), 390-396.
274. Tsydenova, O., Minh, T.B., Kajiwara, N., Batoev, V. and Tanabe, S. (2004): Recent contamination by persistent organochlorines in Baikal seal (*Phoca sibirica*) from Lake Baikal, Russia. *Marine Pollution Bulletin*, **48**(7-8), 749-758.
275. Ueno, D., Kajiwara, N., Tanaka, H., Subramanian, An., Fillmann, G., Lam, P.K.S., Zheng, G.J., Muchitar, M., Razak, H., Prudente, M., Chung, K.H. and Tanabe, S. (2004): Global pollution monitoring of polybrominated

- diphenyl ethers using skipjack tuna as a bioindicator. *Environmental Science and Technology*, **38(8)**, 2312-2316.
276. Guruge, K.S. and Tanabe, S. (2004): Polychlorinated dibenzo-*p*-dioxins, dibenzofurans and dioxin-like biphenyls in biota from Sri Lankan coast. *Marine Pollution Bulletin*, **48(9-10)**, 1004-1008.
277. Yang, J., Kunito, T., Anan, Y., Tanabe, S. and Miyazaki, N. (2004): Total and subcellular distribution of trace elements in the liver of a mother-fetus pair of Dall's porpoises (*Phocoenoides dalli*). *Marine Pollution Bulletin*, **48(11-12)**, 1122-1129.
278. Fujihara, J., Kuito, T., Kubota, R., Tanaka, H. and Tanabe, S. (2004): Arsenic accumulation and distribution in tissues of black-footed albatrosses. *Marine Pollution Bulletin*, **48(11-12)**, 1153-1160.
279. Sudaryanto, A., Takahashi, S., Iwata, H., Tanabe, S. and Ismail, M. (2004): Contamination of butyltin compounds in Malaysian marine environments. *Environmental Pollution*, **130(3)**, 347-358.
280. Sakai, H., Iwata, H., Kim, E.Y., Tanabe, S. and Baba, N. (2004): Identification of constitutive androstane receptor cDNA in northern fur seal (*Callorhinus ursinus*). *Marine Environmental Research*, **58(2-5)**, 107-111.
281. Yasui, T., Kim, E.Y., Iwata, H. and Tanabe, S. (2004): Identification of aryl hydrocarbon receptor 2 in aquatic birds: cDNA cloning of AHR1 and AHR2 and characteristics of their amino acid sequences. *Marine Environmental Research*, **58(2-5)**, 113-118.
282. Kim, E.Y., Iwata, H., Fujise, Y. and Tanabe, S. (2004): Searching for novel CYP members using cDNA library from a minke whale liver. *Marine Environmental Research*, **58(2-5)**, 495-498.
283. Iwata, H., Watanabe, M., Okajima, Y., Tanabe, S., Amano, M., Miyazaki, N. and Petrov, E.A. (2004): Toxicokinetics of PCDD, PCDF, and coplanar PCB congeners in Baikal seals, *Pusa sibirica*: age-related accumulation, maternal transfer, and hepatic sequestration. *Environmental Science and Technology*, **38(13)**, 3505-3513.
284. Kunisue, T., Someya, M., Kayama, F., Jin, Y. and Tanabe, S. (2004): Persistent organochlorines in human breast milk collected from primiparae in Dalian and Shenyang, China. *Environmental Pollution*, **131(3)**, 381-392.
285. Kajiwara, N., Ueno, D., Takahashi, A., Baba, N. and Tanabe, S. (2004): Polybrominated diphenyl ethers and organochlorines in archived northern fur seal samples from the Pacific coast of Japan, 1972-1998. *Environmental Science and Technology*, **38(14)**, 3804-3809.
286. Kubota, A., Iwata, H., Tanabe, S., Yoneda, K. and Tobata, S. (2004): Levels and toxicokinetic behaviors of PCDD, PCDF, and coplanar PCB congeners in common cormorants from Lake Biwa, Japan. *Environmental Science and Technology*, **38(14)**, 3853-3859.
287. Ikemoto, T., Kunito, T., Anan, Y., Tanaka, H., Baba, N., Miyazaki, N. and Tanabe, S. (2004): Association of heavy metals with metallothionein and other proteins in hepatic cytosol of marine mammals and seabirds. *Environmental Toxicology and Chemistry*, **23(8)**, 2008-2016.
288. Kannan, K., Kajiwara, N., Le Boeuf, B.J. and Tanabe, S. (2004): Organochlorine pesticides and polychlorinated biphenyls in California sea lions. *Environmental Pollution*, **131(3)**, 425-434.
289. Kunisue, T., Watanabe, M., Iwata, H., Subramanian, An., Monirith, I., Minh, T.B., Baburajendran, R., Tana, T.S., Viet, P.H., Prudente, M. and Tanabe, S. (2004): Dioxins and related compounds in human breast milk

- collected around open dumping sites in Asian developing countries: bovine milk as a potential source. *Archives of Environmental Contamination and Toxicology*, **47(3)**, 414-426.
290. Kunito, T., Nakamura, S., Ikemoto, T., Anan, Y., Kubota, R., Tanabe, S., Rosas, F.C.W., Fillmann, G. and Readman, J.W. (2004): Concentration and subcellular distribution of trace elements in liver of small cetaceans incidentally caught along the Brazilian coast. *Marine Pollution Bulletin*, **49(7-8)**, 574-587.
291. Ikemoto, T., Kunito, T., Tanaka, H., Baba, N., Miyazaki, N. and Tanabe, S. (2004): Detoxification mechanism of heavy metals in marine mammals, seabirds: interaction of selenium with mercury, silver, copper, zinc, and cadmium in liver. *Archives of Environmental Contamination and Toxicology*, **47(3)**, 402-413.
292. Agusa, T., Kunito, T., Tanabe, S., Pourkazemi, M. and Aubrey, D.G. (2004): Concentrations of trace elements in muscle of sturgeons in the Caspian Sea. *Marine Pollution Bulletin*, **49(9-10)**, 789-800.
293. Takeuchi, I., Takahashi, S. and Tanabe, S. (2004): Decline of butyltin levels in *Caprella* spp. (Crustacea: Amphipoda) inhabiting the *Sargassum* community in Otsuchi Bay, Japan from 1994 to 2001. *Journal of the Marine Biological Association of the United Kingdom*, **84(5)**, 911-918.
294. Agusa, T., Kunito, T., Fujihara, J., Kubota, R., Minh, T.B., Trang, P.T.K., Subramanian, An., Iwata, H., Viet, P.H. and Tanabe, S. (2004): Contamination by trace elements in groundwater of Vietnam. *Biomedical Research on Trace Elements*, **15(4)**, 339-341.
295. Arai, T., Ikemoto, T., Hokura, A., Terada, Y., Kunito, T., Tanabe, S. and Nakai, I. (2004): Chemical forms of mercury and cadmium accumulated in marine mammals and seabirds as determined by XAFS analysis. *Environmental Science and Technology*, **38(24)**, 6468-6474.
296. 平川周作・岩田久人・金 恩英・田辺信介・宮崎信之・Petrov, E.A. (2004): バイカルアザラシ CYP1A1/1A2 の同定およびダイオキシン類蓄積濃度と各 mRNA 発現量の関係, *環境毒性学会誌*, **7(2)**, 55-59.
297. Agusa, T., Kunito, T., Iwata, H., Monirith, I., Tana, T.S., Subramanian, An. and Tanabe, S. (2005): Mercury contamination in human hair and fish from Cambodia: levels, specific accumulation and risk assessment. *Environmental Pollution*, **134(1)**, 79-86.
298. Sudaryanto, A., Takahashi, S., Iwata, H., Tanabe, S., Muchtar, M. and Razak, H. (2005): Organotin residues and the role of anthropogenic tin sources in the coastal marine environment of Indonesia. *Marine Pollution Bulletin*, **50(2)**, 226-235.
299. Nam, D.H., Anan, Y., Ikemoto, T., Okabe, Y., Kim, E.Y., Subramanian, An., Saeki, K. and Tanabe, S. (2005): Specific accumulation of 20 trace elements in great cormorants (*Phalacrocorax carbo*) from Japan. *Environmental Pollution*, **134(3)**, 503-514.
300. Kobayashi, M., Kashida, Y., Yoneda, K., Iwata, H., Watanabe, M., Tanabe, S., Fukatsu, H., Machida, N. and Mitsumori, K. (2005): Thyroid lesions and dioxin accumulation in the livers of jungle crows (*Corvus Macrorhynchos*) in urban and suburban Tokyo. *Archives of Environmental Contamination and Toxicology*, **48(3)**, 424-432.
301. 田辺信介 (2005): 学術賞受賞業績: 有害物質による地球規模の環境汚染と生態系への蓄積および毒性影響に関する研究, *環境科学会誌*, **18(2)**, 191-198.

302. Ueno, D., Watanabe, M., Tanaka, H., Subramanian, An., Fillmann, G., Lam, P.K., Zheng, G.J., Muchtar, M., Razak, H. and Prudente, M., Chung, K.H. and Tanabe, S. (2005): Global pollution monitoring of polychlorinated dibenzo-*p*-dioxins (PCDDs), furans (PCDFs) and coplanar polychlorinated biphenyls (coplanar PCBs) using skipjack tuna as bioindicator. *Environmental Pollution*, **136(2)**, 303-313.
303. Lam, J.C.W., Tanabe, S., Lam, M.H.W. and Lam, P.K.S. (2005): Risk to breeding success of waterbirds by contaminants in Hong Kong: evidence from trace elements in eggs. *Environmental Pollution*, **135(3)**, 481-490.
304. Kunisue, T., Nakanishi, S., Watanabe, M., Abe, T., Nakatsu, S., Kawauchi, S., Sano, A., Horii, A., Kano, Y. and Tanabe, S. (2005): Contamination status and accumulation features of persistent organochlorines in pet dogs and cats from Japan. *Environmental Pollution*, **136(3)**, 465-476.
305. Kubota, A., Iwata, H., Tanabe, S., Yoneda, K. and Tobata, S. (2005): Hepatic CYP1A induction by dioxin-like compounds, and sequestration in wild common cormorants from Lake Biwa, Japan. *Environmental Science and Technology*, **39(10)**, 3611-3619.