

Julkaisut -2017 JA-1. J. Paasivirta, J. Särkkä, J. Pellinen and T. Humppi: Biocides in eggs of aquatic birds. Completion of food chain enrichment study for DDT, PCB and Hg. *Chemosphere* 10(1981), 787-794. JA-2. J. Paasivirta, R. Herzschuh, M. Lahtiperä, J. Pellinen and S. Sinkkonen: Oil residues in Baltic sediment, mussel, and fish. I. Development of the analytical methods. *Chemosphere* 10(1981), 919-928. JA-3. J. Paasivirta, H. Kääriäinen, M. Lahtiperä, J. Pellinen and S. Sinkkonen: Oil residues in Baltic sediment, mussel, and fish. II. Study of the Finnish archipelago 1979-81. *Chemosphere* 11 (1982), 811 -821. JA-4. J. Pellinen, E. Väisänen, M. Salkinoja-Salonen and G. Brunow: Utilization of dimeric lignin model compounds by mixed bacterial cultures. *Appl. Microbiol. Biotechnol.* 20(1984), 77-82. JA-5. B. Hortling, K. Levon, K. Soljamo, J. Pellinen and J. Lindberg: <sup>13</sup>C NMR investigation of crosslinked polyethylenes. *Macromol. Chem.* 186(1985), 131-137. JA-6. J. Pellinen and M. Salkinoja-Salonen: Aqueous size-exclusion chromatography of industrial lignins. *J. Chromatogr.* 322(1985), 129-138. JA-7. J. Pellinen and M. Salkinoja-Salonen: High-performance size-exclusion chromatography of lignin and its derivatives. *J. Chromatogr.* 328(1985), 299-308. JA-8. J. Jokela, J. Pellinen, M. Salkinoja-Salonen and G. Brunow: Bio degradation of two tetrameric lignin model compounds by a mixed bacterial culture. *Appl. Microbiol. Biotechnol.* 23(1985), 38-46. JA-9. J. Pellinen and H.H. Nimz: Extraction of lignin from birch wood with chloroethanol and acetic acid. *Paperi ja Puu* 68(1986):8, 548-552. JA-10. J. Pellinen, J. Jokela and M.S. Salkinoja-Salonen: Degradability of different lignins by bacteria. *Holzforschung* 41(1987):5, 271-276. JA-11. J. Jokela, J. Pellinen and M. Salkinoja-Salonen: Initial steps in the pathway for bacterial degradation of two tetrameric lignin model compounds. *Appl. Environ. Microbiol.* 53(1987):11, 2642-2649. JA-12. J. Pellinen, C.-F. Yin, T.W. Joyce, H-m. Chang: Treatment of chlorine bleaching effluent using a white-rot fungus. *J. Biotechnol.* 8(1988), 67-76. JA-13. J. Pellinen, T.W. Joyce, H-m. Chang: Dechlorination of high-molecular-weight chlorolignin by the white-rot fungus *P. chrysosporium*. *Tappi J.* 71 (1988):9, 191 -194. JA-14. J. Pellinen, J. Abuhasan, T.W. Joyce, H-m. Chang: Biological delignification of pulp by *Phanerochaete chrysosporium*. *J. Biotechnol.* 10(1989), 161-170. JA-15. J. Pellinen, T.W. Joyce: The use of Schöniger combustion and ion-selective electrode in TOCl determination, *Paperi ja Puu* 73(1991):6, 527-531. JA-16. V.P. Lankinen, M.M. Inkeröinen, J. Pellinen, A.I. Hatakka: The onset of lignin-modifying enzymes, decrease of AOX and color removal by white-rot fungi grown on bleach plant effluents, *Wat. Sci. Technol.* 24(1991):3/4, 189-198. JA-17. J. Pellinen, R. Soimasuo: Toxicity of sediments polluted by the pulp and paper industry to a midge (*Chironomus riparius* Meigen), *Sci. Tot. Environ.* 1993(Suppl.), 1247-1256. JA-18. J. Pellinen, J. Kukkonen, A. Herb, P. Mäkelä, A. Oikari: Bio accumulation of Pulp Mill Effluent-Related Compounds to Aquatic Animals, *Sci. Tot. Environ.* 1993(Suppl.), 499-510. JA-19. J. Pellinen: Sorption of high molecular weight chlorolignin on sediment. *Chemosphere* 28(1994):10, 1773-1789. JA-20. J. Kukkonen, J. Pellinen: Binding of organic xenobiotics to dissolved organic macromolecules: comparison of analytical methods. *Sci. Tot. Environ.* 152(1994), 19-29. JA-21. S. Roy, J. Pellinen, C.K. Sen, O. Hänninen: Benzo(a)anthracene and benzo(a)pyrene exposure in the aquatic plant *Fontinalis antipyretica*: Uptake, elimination and the responses of biotransformation and antioxidant enzymes. - *Chemosphere* 29(1994):6, 1301 -1311. JA-22. J. Pellinen, M. Ruokolainen, P. Mäkelä, J. Taskinen: Extractable organic halogen compounds, EOX, in mussels from a clean lake and a pulp mill recipient. *Chemosphere* 29(1994):7, 1515-1526. JA-23. R. Soimasuo, T. Aaltonen, M. Nikinmaa, J. Pellinen, T. Ristola, A. Oikari: Physiological toxicity of low-chlorine bleached pulp and paper mill effluent on whitefish (*Coregonus lavaretus* L. s.l.): A laboratory exposure simulating lake pollution. *Ecotoxicology and Environmental Safety* 31(1995):3, 228-237. JA-24. T. Ristola, J. Pellinen, J. Kukkonen, M. Leppänen: Characterization of Lake Ladoga sediments. 1. Toxicity to *Chironomus riparius* and *Daphnia magna*, *Chemosphere* 32(1996):6, 1165-1178. JA-25. T. Ristola, J. Pellinen, P. Van Hoof, J.A. Robbins: Characterization of Lake Ladoga sediments. 2. Toxic chemicals, *Chemosphere* 32(1996):6, 1179-1192. JA-26. O.-P. Penttinen, J. Kukkonen, J. Pellinen: Preliminary study to compare body residues and sublethal energetic responses in benthic invertebrates exposed to sediment-bound 2,4,5-trichlorophenol, *Environ. Toxicol. Chem.* 15 (1996):2, 160-166. JA-27. Lyytikäinen, M., Pellinen, J.: Some issues concerning the gas chromatographic determination of chlorinated phenolics in water, *Toxicol. Environ. Chem.* 63(1997), 185-197. JA-28. Lyytikäinen, M., Pellinen, J., Ruokolainen, M., Suominen, K., Uotila, J., Kukkonen, J.: Determination of chlorinated phenolics in freshwater sediments, *Toxicol. Environ. Chem.* 63(1997), 199-214. JA-29. Ristola, T., Kukkonen, J.V.K., Pellinen, J.: Body residues and responses of the midge *Chironomus riparius* to sediment-associated 2,4,5-trichlorophenol in subchronic and chronic exposure, *Arch. Environ. Contam. Toxicol.* 37(1999), 42-49. JA-30. Ristola, T., Pellinen, J., Ruokolainen, M., Kostamo, A., Kukkonen, J.V.K.: Effect of sediment type, feeding level and larval density on growth and development of a midge, *Chironomus riparius*, *Environ. Toxicol. Chem.* 18(1999), 756-764. JA-31. Kostamo, A., Viljanen, M., Pellinen, J., Kukkonen, J. EOX and organochlorine compounds in fish and ringed seal samples from Lake Ladoga, Russia, *Chemosphere* 41(2000), 1733-1740. JA-32. Kostamo, A., Medvedev, N., Pellinen, J., Hyvärinen, H. & Kukkonen, J.V.K. Analysis of organochlorine compounds and extractable organic halogen in three subspecies of ringed seal from Northeast Europe. -*Environmental Toxicology and Chemistry* 19(2000), 848-854. JA-33. Kostamo, A., Hyvärinen, H., Pellinen, J. & Kukkonen, J.V.K. Organochlorine concentrations in the Saimaa ringed seal (*Phoca hispida saimensis*) from Lake Haukivesi, Finland, 1981 to 2000, and in its diet today. *Environmental Toxicology and Chemistry* 21(2002), 1368-1376. JA-34. Nurmi, J. & Pellinen, J. Multiresidue method for the analysis of emerging contaminants in wastewater by ultra performance liquid chromatography–time-of-flight mass spectrometry, *J. Chromatogr. A.* 1218 (2011), 6712–6719. JA-35. Nurmi, J., Pellinen, J. & Rantalainen, A.-L. Critical evaluation of screening techniques for emerging environmental contaminants based on accurate mass measurements with time-of-flight mass spectrometry, *J. Mass. Spectrom.* 47(2012), 303-312. JA-36. Jernberg, J., Pellinen, J. & Rantalainen, A.-L. Qualitative nontarget analysis of landfill leachate using gas chromatography time-of-flight mass spectrometry. *Talanta* 103(2013), 384-391. JA-37. Jernberg, J., Pellinen, J. & Rantalainen, A.-L. Identification of organic xenobiotics in urban aquatic environments using time-of-flight mass spectrometry. *Sci. Tot. Environ.* 450–451(2013), 1–6. JA-38. Sivén, M., Kovanen, S., Siirola, O., Hepojoki, T., Isokirmo, S., Laihanen, N., Eränen, T., Pellinen, J. & Juppo, A.M. Challenge of paediatric compounding to solid dosage forms sachets and hard capsules – Finnish perspective. *J Pharm Pharmacol.* 69(2017):5, 593-602. JA-39. Natunen, K., Seppälä, J., Koivula, R.J. & Pellinen, J. Monitoring cell-specific neutral lipid accumulation in *Phaeodactylum tricornutum* (Bacillariophyceae) with Nile red staining – a new method for flowcam, *Journal of Phycology.* 53(2017):2, 396-404.