Annual Report of Kumamoto Prefectural Institute of Public-Health and Environmental Science No. 53 2023 Contents (Research)

Regular Articles

 Regression on Nonparametric Data

 A Study on the Construction of Nonlinear Regression Model for Atmospheric Environment Data Using Generalized Additive Model -Shoei FURUSAWA

- 2) The sequel to "Current status of groundwater management in the Kumamoto area" Yasunori NAKAHORI, Jun SHIMADA^{*1}, Takahiro HOSONO^{*1}, Kimio KATSUYA^{*2}, Hitomi KOGA^{*2}, Masatoshi KAWASAKI^{*3}, Takamaru KOBAYASHI^{*4} and Yasuhiro TAWARA^{*4}
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 - *2 Kumamoto Groundwater Foundation
 - *3 Suntory Holdings Limited
 - ^{*4} Geosphere Environmental Technology Corporation

Reports

- Epidemiological Surveillance of Infection Diseases in Kumamoto Prefecture (2023) Yukie INOUE, Sumika RYU, Seiya HARADA, Takaaki HIRANO, Ichiro IZU, Misato MORI and Eisuke TOKUOKA
- 2) Surveillance of Japanese Encephalitis Virus Infection in Kumamoto Prefecture (2023) Sumika RYU, Eisuke TOKUOKA
- 3) Study on analytical method of Tetrodotoxin by LC-MS/MS Eriko SHIMA, Kazuma YAGI^{*1}, Yuko NAKAHARA^{*2}, Ai AOKI, Kentaro MONDA, Kana TAMURA and Asami IMATSUJI

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 Study of simultaneous analysis for residual pesticides in livestock and marine products by SFE-GC/MS/MS

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- 5) Survey of pesticide residues in agricultural products and bottled water (April 2016 March 2024)

Kana TAMURA, Eriko SHIMA, Kentaro MONDA, Ai AOKI and Asami IMATSUJI

- 6) Radioactivity survey data in Kumamoto Prefecture(2023) Kazunori UENO, Yumiko SUITO, Satoshi TOYONAGA, Shoei FURUSAWA, and Koki MITSUI
- Long-term monitoring of acid deposition in Kumamoto Prefecture(2023) Kazunori UENO, Shoei FURUSAWA