

Batch- and pilot-scale regeneration of ammonium, iron, manganese and radium contaminated manganese dioxide based and zeolite filter materials used for potable water purification [Online resource]

Goi, Anna; Nilb, Nele; **Viisimaa, Marika;** Kiisk, Madis; Suursoo, Siiri; Putk, Kaisa 1st International Conference on Sustainable Water Processing : Sitges, Spain, September 11-14, 2016 : programme 2016 / p. OB3.2.1-OB3.2.2 : tab
<http://www.sustainablewaterprocessing.com/>

Behaviour mechanisms and correlation between lead (Pb) and its isotope ^{210}Pb in industrial residue as an indicator for waste characterization

Vaasma, Taavi; **Bitjukova, Liidia;** Kiisk, Madis; Özden, Banu; Tkaczyk, Alan Henry Environmental technology 2016 / p. 3208-3218 : ill <https://doi.org/10.1080/09593330.2016.1181673> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effect of prestressing and temperature on tensile strength of basalt fiber-reinforced plywood

Lõhmus, Rünno; **Kallakas, Heikko;** Tuhkanen, Eero; Gulik, Volodymyr; Kiisk, Madis; Saal, Kristjan; **Kalamees, Targo** Materials 2021 / art. 4701, 9 p. : ill <https://doi.org/10.3390/ma14164701> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Groundwater treatment as a source of indoor radon

Jantsikene, Alar; Kiisk, Madis; Suursoo, Siiri; Koch, Rein; **Lumiste, Liie** Applied radiation and isotopes 2014 / p. 70-75 : ill <https://doi.org/10.1016/j.apradiso.2014.01.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hydrous Manganese Oxide (HMO) process in potable water treatment for radium, iron and manganese removal

Viisimaa, Marika; Nilb, Nele; Kiisk, Madis; Suursoo, Siiri; **Goi, Anna** 17th European Meeting on Environmental Chemistry, November 30th - December 2nd, 2016, Inverness, Scotland : book of abstracts 2016 / p. 78

Long-term modelling of fly ash and radionuclide emissions as well as deposition fluxes due to the operation of large oil shale-fired power plants

Vaasma, Taavi; Kaasik, Marko; **Loosaar, Jüri;** Kiisk, Madis; Tkaczyk, Alan Henry Journal of environmental radioactivity 2017 / p. 232-244 : ill <https://doi.org/10.1016/j.jenvrad.2017.08.017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Long-term monitoring of water treatment technology designed for radium removal-removal efficiencies and NORM formation

Hill, Liie; Suursoo, Siiri; Kiisk, Madis; Jantsikene, Alar; **Munter, Rein** Journal of radiological protection 2018 / 24 p. : ill <https://doi.org/10.1088/1361-6498/aa97f2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pb-210 and fly ash particles in ombrotrophic peat bogs as indicators of industrial emissions

Vaasma, Taavi; Karu, Helen; Kiisk, Madis; **Alliksaar, Tiit** Journal of environmental radioactivity 2017 / p. 78-86 : ill <https://doi.org/10.1016/j.jenvrad.2016.07.027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pb-210 and Po-210 atmospheric releases via fly ash from oil shale-fired power plants

Vaasma, Taavi; **Loosaar, Jüri;** Gyakwaa, Francis; Kiisk, Madis; Özden, Banu; Tkaczyk, Alan Henry Environmental pollution 2017 / p. 210-218 : ill <https://doi.org/10.1016/j.envpol.2016.12.054> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Radionuclide concentration variations in residues from potential NORM industries in Estonia : the example of oil shale-fired power plants

Vaasma, Taavi; Kiisk, Madis; Realo, Enn; **Loosaar, Jüri;** Tkaczyk, Alan Henry V. Terrestrial Radioisotopes in Environment : International Conference on Environmental Protection 2016 / p. 30 <http://dx.doi.org/10.18428/TREICEP-2016>

Radionuclide concentration variations in the fuel and residues of oil shale-fired power plants : estimations of the radiological characteristics over a 2-year period

Vaasma, Taavi; **Loosaar, Jüri;** Kiisk, Madis; Tkaczyk, Alan Henry Journal of environmental radioactivity 2017 / p. 25-33 : ill <https://doi.org/10.1016/j.jenvrad.2016.10.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Regeneration of filter materials contaminated by naturally occurring radioactive compounds in drinking water treatment plant

Goi, Anna; Nilb, Nele; Suursoo, Siiri; Putk, Kaisa; Kiisk, Madis; **Bolobajev, Juri** Journal of water process engineering 2019 / 100464, p. 1-10 : ill <https://doi.org/10.1016/j.jwpe.2017.08.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The enrichment behavior of natural radionuclides in pulverized oil shale-fired power plants

Vaasma, Taavi; Kiisk, Madis; **Meriste, Tõnis;** Tkaczyk, Alan Henry Journal of environmental radioactivity 2014 / p. 427-433 : ill <https://doi.org/10.1016/j.jenvrad.2014.02.027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The enrichment of natural radionuclides in oil shale-fired power plants in Estonia - The impact of new circulating fluidized bed technology

Vaasma, Taavi; Kiisk, Madis; **Meriste, Tõnis**; Tkaczyk, Alan Henry Journal of environmental radioactivity 2014 / p. 133-139 : ill <https://doi.org/10.1016/j.jenvrad.2014.01.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

^{226}Ra measurement by LSC as a tool to assess the efficiency of a water treatment technology for removing radionuclides from groundwater

Suursoo, Siiri; Kiisk, Madis; Al-Malahmeh, Amer; Jantsikene, Alar; Putk, Kaisa; **Lumiste, Liie** Applied radiation and isotopes 2014 / p. 57-63 : ill <https://doi.org/10.1016/j.apradiso.2014.01.016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)