

Achieving nitrification and anammox enrichment in a single moving-bed biofilm reactor treating reject water

Zekker, Ivar; Rikmann, Ergo; Tenno, Taavo; Saluste, Anne; Tormingas, Martin; **Menert, Anne**; **Loorits, Liis**; Lemmiksoo, Vallo; Tenno, Toomas Environmental technology 2012 / p. 703-710 : ill <https://pubmed.ncbi.nlm.nih.gov/22629646/>

Advanced oxidation processes for the degradation and detoxification of 4-nitrophenol

Trapido, Marina; **Kallas, Juha** Environmental technology 2000 / p. 799-808

Aqueous photocatalytic degradation of selected micropollutants by Pd-modified titanium dioxide in three photoreactor types

Klauson, Deniss; **Šakarašvili, Marko**; **Pronina, Natalja**; **Kritševskaja, Marina**; **Kärber, Erki**; **Mikli, Valdek** Environmental technology 2017 / p. 860-871 : ill <https://doi.org/10.1080/09593330.2016.1214185> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aqueous photocatalytic oxidation of sulfamethizole

Klauson, Deniss; **Kritševskaja, Marina**; **Borissova, Maria**; **Preis, Sergei** Environmental technology 2010 / 14, p. 1547-1555 : ill

Behaviour mechanisms and correlation between lead (Pb) and its isotope ²¹⁰Pb 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](#)

Catalytic degradation of picric acid by heterogeneous Fenton-based processes

Dulova, Niina; **Trapido, Marina**; **Dulov, Aleksandr** Environmental technology 2011 / p. 439-446 : ill

Characteristics of activated carbon produced from biosludge and its use in wastewater post-treatment

Pikkov, Lui; **Kallas, Juha**; **Rüütmann, Tiia**; **Rikmann, Ergo** Environmental technology 2001 / p. 229-236 : ill

Column experiment on activation aids and biosurfactant application to the persulphate treatment of chlorophene-contaminated soil

Bolobajev, Juri; Bilgin Öncü, Nalan; **Viisimaa, Marika**; **Trapido, Marina**; Balcioglu, Isil Akmeahmet; **Goi, Anna** Environmental technology 2015 / p. 348-357 : ill <https://doi.org/10.1080/09593330.2014.948493> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Degradation of polycyclic aromatic hydrocarbons in soil : the Fenton reagent versus ozonation

Goi, Anna; **Trapido, Marina** Environmental technology 2004 / p. 155-164 : ill

Evaluation of microalgae production coupled with wastewater treatment

De Francisci, Davide; Su, Yixi; **lital, Arvo**; Angelidaki, Irini Environmental technology 2018 / p. 581-592 : ill <https://doi.org/10.1080/09593330.2017.1308441> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ferrous ion-activated persulphate process for landfill leachate treatment : removal of organic load, phenolic micropollutants and nitrogen

Kattel, Eneliis; **Dulova, Niina** Environmental technology 2017 / p. 1223-1231 : ill <https://doi.org/10.1080/09593330.2016.1221472> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mainstream-sidestream wastewater switching promotes anammox nitrogen removal rate in organic-rich, low-temperature streams

Zekker, Ivar; Raudkivi, Markus; Artemchuk, Oleg; Rikmann, Ergo; Priks, Hans; **Jaagura, Madis**; Tenno, Taavo Environmental technology 2021 / 10 p. : ill <https://doi.org/10.1080/09593330.2020.1721566> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nitrifying-anammox biomass tolerant to high dissolved oxygen concentration and C/N ratio in treatment of yeast factory wastewater

Zekker, Ivar; Rikmann, Ergo; Tenno, Toomas; **Seiman, Andrus**; **Loorits, Liis** Environmental technology 2014 / p. 1565-1576 : ill <https://doi.org/10.1080/09593330.2013.874492> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oil shale semicoke leachate treatment using ozonation and the Fenton oxidation

Trapido, Marina; **Munter, Rein**; **Veressinina, Jelena**; **Kulik, Niina** Environmental technology 2006 / p. 307-315 : ill <https://www.tandfonline.com/doi/abs/10.1080/09593332708618644>

Ozonation and advanced oxidation processes of polycyclic aromatic hydrocarbons in aqueous solutions : a kinetic study

Trapido, Marina; **Veressinina, Jelena**; **Munter, Rein** Environmental technology 1995 / p. 729-740: ill

Ozonation of phenols containing in wastewaters from oil shale chemical treatment

Trapido, Marina; **Veressinina, Jelena; Munter, Rein** Environmental technology 1994 / p. 233-241: ill

Oxidative purification of wastewaters containing phenolic compounds from oil shale treatment

Preis, Sergei; Kamenev, Sven; Kallas, Juha Environmental technology 1994 / p. 135-144 : ill

<https://doi.org/10.1080/09593339409385413>

Persulfate-based photodegradation of a beta-lactam antibiotic amoxicillin in various water matrices

Kattel, Eneliis; Balpreet Kaur; Trapido, Marina; Dulova, Niina Environmental technology 2020 / p. 202-210 : ill

<https://doi.org/10.1080/09593330.2018.1493149> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Photocatalytic decomposition of humic acids in anoxic aqueous solutions producing hydrogen, oxygen and light hydrocarbons

Klauson, Deniss; Budarnaja, Olga; Castellanos Beltran, Ignacio; Kritševskaja, Marina; Preis, Sergei Environmental technology

2014 / p. 2237-2243 : ill <https://doi.org/10.1080/09593330.2014.900116> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at](#)

[WOS](#) [Article at WOS](#)

Reverse osmosis and nanofiltration of biologically treated leachate

Kuusik, Aare; Pachel, Karin; Kuusik, Argo; Loigu, Enn; Tang, Walter Zhonghong Environmental technology 2014 / p. 2416-2426 :

ill <https://doi.org/10.1080/09593330.2014.908241> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Start-up of low-temperature anammox in UASB from mesophilic yeast factory anaerobic tank inoculum

Zekker, Ivar; Rikmann, Ergo; Seiman, Andrus; Loorits, Liis Environmental technology 2015 / p. 214-225 : ill

<https://doi.org/10.1080/09593330.2014.941946> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Step-wise temperature decreasing cultivates a biofilm with high nitrogen removal rates at 9°C in short-term anammox biofilm tests

Zekker, Ivar; Rikmann, Ergo; Mandel, Anni; Kroon, Kristel; Seiman, Andrus; Mikhelson, Jana; Tenno, Taavo; Tenno, Toomas

Environmental technology 2016 / p. 1933 - 1946 <https://doi.org/10.1080/09593330.2015.1135995> [Journal metrics at Scopus](#) [Article at](#)

[Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The influence of ferrous/ferric ions on the efficiency of photocatalytic oxidation of pollutants in groundwater

Klauson, Deniss; Portjanskaja, Elina; Katšina, Anna; Kritševskaja, Marina; Preis, Sergei; Kallas, Juha Environmental technology 2005 / 6, p. 653-662

Treatment of Aroclor 1016 contaminated soil by hydrogen peroxide: laboratory column study

Viisimaa, Marika; Veressinina, Jelena; Goi, Anna Environmental technology 2012 / p. 2041-2048 : ill

<https://www.tandfonline.com/doi/full/10.1080/09593330.2012.660640>

Treatment of high-strength wastewater by Fe²⁺-activated persulphate and hydrogen peroxide

Kattel, Eneliis; Dulova, Niina; Viisimaa, Marika; Tenno, Taavo; Trapido, Marina Environmental technology 2016 / p. 352-359 : ill

<https://doi.org/10.1080/09593330.2015.1069899> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Treatment of surfactant stabilized oil-in-water emulsions by means of chemical oxidation and coagulation

Kulik, Niina; Trapido, Marina; Veressinina, Jelena; Munter, Rein Environmental technology 2007 / 12, p. 1345-1355