

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

Zekker, Ivar; Rikmann, Ergo; Tenno, Taavo; Saluste, Anne; Tomingas, 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>

**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 <sup>210</sup>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 <http://dx.doi.org/10.1080/09593330.2016.1181673>

**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**; **Rüütman, 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 Akmehmet; **Goi, Anna** Environmental technology 2015 / p. 348-357 : ill <http://dx.doi.org/10.1080/09593330.2014.948493>

**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 <http://doi.org/10.1080/09593330.2016.1221472>

**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](#)

**Nitritating-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

**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

**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

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

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

**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

**Treatment of high-strength wastewater by Fe<sup>2+</sup>-activated persulphate and hydrogen peroxide**

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

<http://doi.org/10.1080/09593330.2015.1069899>

**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