

Activated persulfate and hydrogen peroxide treatment of highly contaminated water matrices: a comparative study
Dulova, Niina; Kattel, Eneliis; Trapido, Marina International journal of environmental science and development 2020 / p. 549–554
<https://doi.org/10.18178/ijesd.2020.11.12.1306> [Journal metrics at Scopus](#) [Article at Scopus](#)

Activated persulfate processes for degradation of endocrine disrupting compound nonylphenol in aqueous matrices
[Online resource]

Dulova, Niina; Balpreet Kaur; Kattel, Eneliis; Trapido, Marina 19th European Meeting on Environmental Chemistry : 3 - 6 december 2018 Royat - France : programm book 2018 / p. 34
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Advanced chemical oxidation with pre-coagulation for treatment of paint manufacturing wastewater

Kattel, Eneliis; Viisimaa, Marika; Klauson, Deniss; Trapido, Marina; Dulova, Niina Proceedings of the International Conference on Advances In Applied Science and Environmental Engineering - ASEE 2014 2014 / p. 38–43 : ill

Advanced oxidation processes for sulfonamide antibiotic sulfamethizole degradation : Process applicability study at ppm level and scale-down to ppb level

Klauson, Deniss; Romero Sarcos, Natalja; Kritševskaja, Marina; Kattel, Eneliis; Dulova, Niina; Dedova, Tatjana; Trapido, Marina Journal of environmental chemical engineering 2019 / art. 103287, 8 p. : ill <https://doi.org/10.1016/j.jece.2019.103287> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Application of activated persulfate processes for the treatment of water and high-strength wastewater = Aktiveeritud persulfaadi protsesside kasutamine vee ja raskesti saastatud reovee puhastamiseks

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Bio-recalcitrant pollutants removal from wastewater with combination of the Fenton treatment and biological oxidation

Trapido, Marina; Tenno, Taavo; Goi, Anna; Dulova, Niina; Kattel, Eneliis; Klauson, Deniss; Klein, Kati; Tenno, Toomas; Viisimaa, Marika Journal of water process engineering 2017 / p. 277–282 : ill <https://doi.org/10.1016/j.jwpe.2017.02.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bio-recalcitrant pollutants removal from wastewater with combination of the Fenton treatment and biooxidation

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Bio-recalcitrant pollutants removal from wastewater with combination of the Fenton treatment and biooxidation

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Combined methods for the treatment of a typical hardwood soaking basin wastewater from plywood industry

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Combined processes for the treatment of a typical hardwood soaking basin wastewater from plywood industry

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Combined processes for wastewater purification : treatment of a typical landfill leachate with a combination of chemical and biological oxidation processes

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Combined treatment of pyrogenic wastewater from oil shale retorting

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Degradation of ceftriaxone in aqueous solution by heterogeneous photo-activated persulfate system [Online resource]

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Degradation of ceftriaxone in water by heterogeneously activated persulfate [Online resource]

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Fe²⁺-activated persulfate process for landfill leachate treatment : removal of organic load, phenolic micropollutants and nitrogen

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

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Insights into nonylphenol degradation by UV-activated persulfate and persulfate/hydrogen peroxide systems in aqueous matrices: a comparative study

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Oxidative degradation of emerging micropollutant acesulfame in aqueous matrices by UVA-induced H₂O₂/Fe²⁺ and S₂O₈²⁻/Fe²⁺ processes

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Oxidative degradation of the artificial sweetener acesulfame in aqueous matrices by UVA-induced H₂O₂/Fe²⁺ and S₂O₈²⁻/Fe²⁺ processes [Online resource]

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

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Persulfate-based photodegradation of beta-lactam antibiotic amoxicillin in aqueous matrices

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Photochemical degradation and mineralization of amoxicillin in different water matrices [Online resource]

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Photochemical oxidation of ceftriaxone by magnetite-activated persulfate [Online resource]

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Photo-induced persulfate oxidation of emerging micropollutants in water matrices [Online resource]

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Reuse of ferric sludge as an iron source for the Fenton-based process in wastewater treatment

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The application of activated persulfate processes to reduce water pollution [Online resource]

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Treatment of landfill leachate by continuously reused ferric oxyhydroxide sludge-activated hydrogen peroxide

Kattel, Eneliis; Trapido, Marina; Dulova, Niina Chemical engineering journal 2016 / p. 646-654 : ill <https://doi.org/10.1016/j.cej.2016.06.135> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Treatment of landfill leachate by Fenton-based process in batch reactor with ferric sludge reuse

Dulova, Niina; Kattel, Eneliis; Trapido, Marina Abstracts of papers of the American Chemical Society. Vol. 250 2015 / [1] p

Tseftriaksooni fotokeemiline oksüdatsioon magnetiidiga aktiveeritud persulfaadiga

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UV-induced persulfate oxidation of organic micropollutants in water matrices

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