

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 of dexamethasone by activated peroxo compounds in water matrices : A comparative study
Onga, Liina; Dulova, Niina; Kattel-Salusoo, Eneliis Water 2025 / art. 2303 <https://doi.org/10.3390/w17152303>
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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](#)

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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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Application of ozonation, UV photolysis, Fenton treatment and other related processes for degradation of ibuprofen and sulfamethoxazole in different aqueous matrices

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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](#)

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

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Catalytic degradation of picric acid by heterogeneous Fenton-based processes
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Combined treatment of pyrogenic wastewater from oil shale retorting
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A comparative study of losartan photodegradation : activated persulfate versus hydrogen peroxide
Balpreet Kaur; **Eha, Kaie**; **Dulova, Niina** EMEC20 : 20th European Meeting on Environmental Chemistry (EMEC-20), Lodz, Poland, 2-5 December 2019 : Book of Abstracts 2019 / p. 77 https://emec20.p.lodz.pl/files/Book_of_Abstracts_EMEC20.pdf

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Comparison of different advanced oxidation processes for sulphamethizole degradation : process applicability study at mg L⁻¹ level and scale-down to µg L⁻¹ level
Klauson, Deniss; Grimm, F.; **Pronina, Natalja**; **Viisimaa, Marika**; **Dulova, Niina** 5th European Conference on Environmental Applications of Advanced Oxidation Processes (EAAOP5) : book of abstracts 2017 / p. 401 https://photo-catalysis.org/events/901/photo/book_of_proceedings_eaaop5_prague.pdf

Degradation of antibiotic vancomycin by UV photolysis and pulsed corona discharge combined with extrinsic oxidants
Nikitin, Dmitri; **Kaur, Balpreet**; **Preis, Sergei**; **Dulova, Niina** Catalysts 2023 / art. 466, 16 p. : ill <https://doi.org/10.3390/catal13030466>
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Degradation of imidazolium-based ionic liquids by pulsed corona discharge and UV photolysis assisted with extrinsic oxidants

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Degradation of imidazolium-based ionic liquids by UV photolysis and pulsed corona discharge : the effect of persulfates addition

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Degradation of imidazolium-based ionic liquids by UV photolysis and pulsed corona discharge combined with persulfate

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Degradation of levofloxacin in aqueous solution by ferrous ion-activated hydrogen peroxide, persulfate and combined hydrogen peroxide/persulfate system

Epold, Irina; Trapido, Marina; Dulova, Niina 15th European Meeting on Environmental Chemistry : 3-6 December 2014, Brno, Czech Republic : book of abstracts 2014 / p. 61

Degradation of levofloxacin in aqueous solutions by Fenton, ferrous ion-activated persulfate and combined Fenton/persulfate systems

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Degradation of naproxen by ferrous ion-activated hydrogen peroxide, persulfate and combined hydrogen peroxide/persulfate processes : the effect of citric acid addition

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Effects of persulfate and hydrogen peroxide on oxidation of oxalate by pulsed corona discharge

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Emerging micropollutants in water/wastewater : growing demand on removal technologies

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

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Fenton-based processes in different combinations for food-processing wastewater treatment

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Individual and simultaneous degradation of sulfamethoxazole and trimethoprim by ozone, ozone/hydrogen peroxide and ozone/persulfate processes: A comparative study

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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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Kohalike omavalitsuste ringmajanduslike tegevuste hetkeseisu analüüs ja teekaartide koostamine : analüüsi aruanne
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Oxidation of aqueous pharmaceuticals with persulfate activated by non-thermal plasma

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Oxidation of dexamethasone by photochemical processes 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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Oxidative degradation of vancomycin by UV and pulsed corona discharge in combination with oxidants: hydrogen peroxide, peroxymonosulfate and peroxydisulfate

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Persulfate activated by non-thermal plasma for pharmaceuticals degradation

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Persulfate contribution to photolytic and pulsed corona discharge oxidation of metformin and tramadol in water

Nikitin, Dmitri; Balpreet Kaur; Preis, Sergei; Dulova, Niina Process Safety and Environmental Protection 2022 / p. 22-30
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Persulfate-based photodegradation of a beta-lactam antibiotic amoxicillin in aqueous matrices

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

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