

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](#)

Advanced oxidation technologies : sustainable solution for removal of emerging contaminants from water

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Application of different techniques for activation of H₂O₂/Fe³⁺ system : a comparative study

Bolobajev, Juri; Trapido, Marina; Dulova, Niina Journal of advanced oxidation technologies 2015 / p. 347-352 : ill

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Application of fly ash of lignite combustion in air and water purification

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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>

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Klauson, Deniss; Klein, Kati; Kivi, Arthur; **Kattel, Eneliis; Viisimaa, Marika; Dulova, Niina;** Velling, Siiri; **Trapido, Marina;** Tenno, Taavo International journal of environmental science and technology 2015 / p. 3575-3586 : ill <http://dx.doi.org/10.1007/s13762-015-0777-2>

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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

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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

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Degradation of antibiotic vancomycin by UV photolysis and pulsed corona discharge combined with extrinsic oxidants

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

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Effects of persulfate and hydrogen peroxide on oxidation of oxalate by pulsed corona discharge
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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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Oxidative degradation of emerging micropollutant acesulfame in aqueous matrices by UVA-induced H₂O₂/Fe²⁺ and S₂O₈²⁻/Fe²⁺ processes

Kattel, Eneliis; Trapido, Marina; Dulova, Niina Chemosphere 2017 / p. 528-536 : ill <http://doi.org/10.1016/j.chemosphere.2016.12.104>

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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

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

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Photochemical degradation of nonylphenol in aqueous solution : the impact of pH and hydroxyl radical promoters

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

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Photo-induced oxidation of ceftriaxone by persulfate in the presence of iron oxides

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

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A pilot study of three-stage biological-chemical treatment of landfill leachate applying continuous ferric sludge reuse in Fenton-like process

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

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