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
https://emec19.sciencesconf.org/data/pages/EMEC_19_Book_of_abstract.pdf

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
http://www.mdpi.com/2073-4441/17/15/2303

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
Bolobajev, Juri; **Trapido, Marina**; **Epold, Irina**; **Dulova, Niina** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

Application of activated persulfate processes for the treatment of water and high-strength wastewater = Aktiveeritud persulfaadi protsesside kasutamine vee ja raskesti saastatud reovee puhastamiseks
Kattel, Eneliis 2018 https://digi.lib.ttu.ee/i/?9958 https://www.ester.ee/record=b5054228*est

Application of advanced oxidation technologies for propoxycarbazone-sodium degradation
Dulov, Aleksandr; **Dulova, Niina**; **Veressinina, Jelena**; **Trapido, Marina** 20th IOA World Congress - 6th IUVA World Congress : Ozone and UV Leading-Edge Science and Technologies : Paris, France, 23-27 May 2011 : proceedings 2011 / p. I.6.15-1 - I.6.15-8

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
https://doi.org/10.1515/jaots-2015-0222 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application of Fenton's reaction for food-processing wastewater treatment
Dulova, Niina; **Trapido, Marina** Journal of advanced oxidation technologies 2011 / p. 9-16

Application of fly ash of lignite combustion in air and water purification
Nikitin, Dmitri; **Bolobajev, Juri**; **Kritševskaja, Marina**; Pilar, Lukas; Vitvarova, Monika; **Preis, Sergei**; **Dulova, Niina** Proceedings 2023 / art. 32 https://doi.org/10.3390/proceedings2023092032

Application of ozonation, UV photolysis, Fenton treatment and other related processes for degradation of ibuprofen and sulfamethoxazole in different aqueous matrices
Epold, Irina; **Dulova, Niina**; **Veressinina, Jelena**; **Trapido, Marina** Journal of advanced oxidation technologies 2012 / p. 354-364 : ill
https://www.researchgate.net/publication/263695119_Application_of_Ozonation_UV_Photolysis_Fenton_Treatment_and_other_Related_Processes_for_Degradation_of_Ibuprofen_and_Sulfamethoxazole_in_Different_Aqueous_Matrices

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
Trapido, Marina; Tenno, Taavo; **Goi, Anna**; **Dulova, Niina**; **Klauson, Deniss**; **Kattel, Eneliis**; **Viisimaa, Marika**; Kivi, Arthur; Klein, Kati 20th International Scientific Conference EcoBalt 2016 : Tartu, Estonia, October 9-12 : book of abstracts 2016 / p. 24 : ill
http://akki.ut.ee/wp-content/uploads/2015/01/Abstracts_Book_EcoBalt_2016.pdf

Bio-recalcitrant pollutants removal from wastewater with combination of the Fenton treatment and biooxidation
Trapido, Marina; Tenno, Taavo; **Goi, Anna**; **Dulova, Niina**; **Kattel, Eneliis**; Kivi, Arthur; **Klauson, Deniss**; Klein, Kati; **Viisimaa,**

Marika European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : conference program and book of abstracts 2015 / p. 111 : ill

Bio-recalcitrant pollutants removal from wastewater with combination of the Fenton treatment and biooxidation
Trapido, Marina; Tenno, Taavo; **Goi, Anna**; **Dulova, Niina**; **Kattel, Eneliis**; Kivi, Arthur; **Klauson, Deniss**; Klein, Kati; **Viisimaa, Marika** European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : book of proceedings 2015 / [3] p. : ill

Catalytic degradation of picric acid by heterogeneous Fenton-based processes
Dulova, Niina; **Trapido, Marina**; **Dulov, Aleksandr** Environmental technology 2011 / p. 439-446 : ill

Combined methods for the treatment of a typical hardwood soaking basin wastewater from plywood industry
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 https://doi.org/10.1007/s13762-015-0777-2 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Combined physicochemical treatment of textile and mixed industrial wastewater
Dulov, Aleksandr; **Dulova, Niina**; **Trapido, Marina** Ozone : science & engineering 2011 / p. 285-293 : ill

Combined physicochemical treatment of textile and mixed industrial wastewater
Dulov, Aleksandr; **Dulova, Niina**; **Trapido, Marina** E-proceedings of International Conference of IOA-EA3G : Ozone and Related Oxidants for Emerging Pollutants of Concern to the Water and the Environment : April 28-30, 2010, Geneva, Switzerland 2010 / p. 2.6-1 - 2.6-12

Combined treatment of pyrogenic wastewater from oil shale retorting
Klein, Kati; **Kattel, Eneliis**; **Goi, Anna**; Kivi, Arthur; **Dulova, Niina**; Saluste, Alar; Zekker, Ivar; **Trapido, Marina**; Tenno, Taavo Oil shale 2017 / p. 82-96 : ill https://doi.org/10.3176/oil.2017.1.06 https://artiklid.elnet.ee/record=b2816468*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

A comparative study of losartan photodegradation : activated persulfate versushydrogen peroxide
Balpreet Kaur; **Eha, Kaie**; **Dulova, Niina** The 20th European Meeting on Environmental Chemistry : 2-5 December 2019 Lodz, Poland : book of abstract 2019 / p. 77 : ill https://emec20.p.lodz.pl/files/Book_of_Abstracts_EMEC20.pdf

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 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Degradation of antibiotic vancomycin by UV photolysis and pulsed corona discharge combined with extrinsic oxidants
Nikitin, Dmitri; **Kaur, Balpreet**; **Preis, Sergei**; **Dulova, Niina** GSFMT Scientific Conference 2023 : Tartu, 23-24 May, 2023 : abstracts 2023 / 1 p https://fmtdk.ut.ee/programm-2023/

Degradation of anti-inflammatory drug dexamethasone by pulsed corona discharge : The effect of peroxycompounds addition
Onga, Liina; **Kattel-Salusoo, Eneliis**; **Preis, Sergei**; **Dulova, Niina** Journal of environmental chemical engineering 2022 / art. 108042 https://doi.org/10.1016/j.jece.2022.108042 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Degradation of ceftriaxone in aqueous solution by heterogeneous photo-activated persulfate system [Online resource]
Kattel, Eneliis; **Balpreet Kaur**; **Trapido, Marina**; **Dulova, Niina** EMEC18 : Chemistry Towards an Infinite Environment, 18th European Meeting on Environmental Chemistry : book of abstracts 2017 / p. 108 : ill http://www.europeanace.com/file_download/82

Degradation of ceftriaxone in water by heterogeneously activated persulfate [Online resource]
Kuntus, Liina; **Dulova, Niina**; **Kattel, Eneliis** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p http://fmtdk.ut.ee/teesid-2019/

Degradation of diclofenac in aqueous solution by homogeneous and heterogeneous photolysis
Epold, Irina; **Dulova, Niina**; **Trapido, Marina** Journal of environmental engineering & ecological science 2012 / [8] p.: ill

https://www.researchgate.net/publication/269782174_Degradation_of_diclofenac_in_aqueous_solution_by_homogeneous_and_heterogeneous_photolysis

Degradation of imidazolium-based ionic liquids by pulsed corona discharge and UV photolysis assisted with extrinsic oxidants
Nikitin, Dmitri; **Preis, Sergei**; **Dulova, Niina** IOA 26th World Congress & Exhibition Milano 2023 : proceedings 2023 / p. 15.7-1-15.7-3 https://www.ioa-ea3g.org/congress/technical-programme/information-for-authors/

Degradation of imidazolium-based ionic liquids by UV photolysis and pulsed corona discharge : the effect of persulfates addition
Nikitin, Dmitri; **Preis, Sergei**; **Dulova, Niina** Separation and purification technology 2024 / art. 127235
https://doi.org/10.1016/j.seppur.2024.127235 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Degradation of imidazolium-based ionic liquids by UV photolysis and pulsed corona discharge : the effect of persulfates addition
Nikitin, Dmitri; **Dulova, Niina**; **Preis, Sergei** 19th IWA leading edge conference on Water and Wastewater Technologies 2024 / 2 p.
https://iwa-let.org/pdfviewer/degradation-of-imidazolium

Degradation of imidazolium-based ionic liquids by UV photolysis and pulsed corona discharge combined with persulfate
Nikitin, Dmitri; **Preis, Sergei**; **Dulova, Niina** 18th International Conference on Chemistry and the Environment (ICCE 2023), June 11-15, 2023 : Book of abstracts 2023 / p. 394 https://icce2023.com/wp-content/uploads/2023/06/Book-of-Abstracts.pdf

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
Epold, Irina; **Trapido, Marina**; **Dulova, Niina** Chemical engineering journal 2015 / p. 452-462 : ill
https://doi.org/10.1016/j.cej.2015.05.054 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Degradation of naproxen by ferrous ion-activated hydrogen peroxide, persulfate and combined hydrogen peroxide/persulfate processes : the effect of citric acid addition
Dulova, Niina; **Kattel, Eneliis**; **Trapido, Marina** Chemical engineering journal 2017 / p. 254-263 : ill
https://doi.org/10.1016/j.cej.2016.07.006 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Degradation of naproxen in aqueous solution by H_2O_2, $S_2O_8^{2-}$ and combined $H_2O_2/S_2O_8^{2-}$ activated with citric acid chelated Fe^{2+}
Dulova, Niina; **Epold, Irina**; **Trapido, Marina** European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : book of proceedings 2015 / [1] p. : ill

Degradation of naproxen in aqueous solution by H_2O_2, $S_2O_8^{2-}$ and combined $H_2O_2/S_2O_8^{2-}$ activated with citric acid chelated Fe^{2+}
Dulova, Niina; **Epold, Irina**; **Trapido, Marina** European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : conference program and book of abstracts 2015 / p. 88 : ill

Degradation of pharmaceuticals by advanced oxidation technologies in aqueous matrices = Ravimite lagundamine vesikeskkonnas süvaoksüdatsioonitehnoloogiatega
Epold, Irina 2015 https://digi.lib.ttu.ee/i/?3698 https://www.ester.ee/record=b4513257*est

Degradation of propoxycarbazone-sodium with advanced oxidation processes
Dulov, Aleksandr; **Dulova, Niina**; **Veressinina, Jelena**; **Trapido, Marina** Water science & technology : water supply 2011 / p. 129-134

Development of oxidation technology in water treatment : pulsed corona discharge plasma combined with peroxocompounds = Oksüdatsioonitehnoloogia arendamine veepuhastuses : peroksoühenditega kombineeritud impulss koroona elektrilahendus
Nikitin, Dmitri 2024 https://www.ester.ee/record=b5693232*est https://doi.org/10.23658/taltech.38/2024
https://digikogu.taltech.ee/et/Item/9db5662a-18c4-4b91-b18c-52b55d227f0b

Development of photo-induced persulfate-based processes for efficient application in water treatment = Foto-indutseeritud persulfaadi-põhiste protsesside väljatöötamine efektiivseks rakendamiseks vee puhastamisel
Balpreet Kaur 2020 https://digikogu.taltech.ee/et/Item/f681dc13-dc11-4ad6-b728-aa232dfd8c59

Different activation methods of H2O2/Fe(III) for degradation of diuron
Bolobajev, Juri; **Dulova, Niina**; **Trapido, Marina** 15th European Meeting on Environmental Chemistry : 3-6 December 2014, Brno, Czech Republic : book of abstracts 2014 / p. 22

Eesti teadlaste loodud meetod aitab puhastada vett antibiootikumijääkidest [Võrguväljaanne]
Dulova, Niina novaator.err.ee 2020 / fot teadlaste loodud meetod aitab puhastada vett antibiootikumijääkidest

Effects of persulfate and hydrogen peroxide on oxidation of oxalate by pulsed corona discharge
Tikker, Priit; **Dulova, Niina**; Kornev, Iakov; **Preis, Sergei** Chemical engineering journal 2021 / art. 128586
https://doi.org/10.1016/j.cej.2021.128586 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effects of persulfate and hydrogen peroxide on oxidation of oxalate by pulsed corona discharge treatment
Tikker, Priit; **Dulova, Niina**; Kornev, Iakov; **Preis, Sergei** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / O 11 http://fmtdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Emerging micropollutants in water/wastewater : growing demand on removal technologies
Trapido, Marina; **Epold, Irina**; **Bolobajev, Juri**; **Dulova, Niina** Environmental science and pollution research 2014 / p. 12217-12222 : ill https://doi.org/10.1007/s11356-014-3020-7 Journal metrics at Scopus Article at Scopus Article at WOS

Emerging micropollutants in water/wastewater : growing demand on removal technologies
Trapido, Marina; **Dulova, Niina**; **Epold, Irina**; **Bolobajev, Juri** Proceedings of 3rd European Conference on Environmental Applications of Advanced Oxidation Processes (EAAOP3) : Almería, Spain, October 27-30, 2013 2013 / p. P171-1 - P171-3

Fe2+-activated persulfate process for landfill leachate treatment : removal of organic load, phenolic micropollutants and nitrogen
Kattel, Eneliis; **Dulova, Niina** 15th European Meeting on Environmental Chemistry : 3-6 December 2014, Brno, Czech Republic : book of abstracts 2014 / p. 24

Fenton-based processes in different combinations for food-processing wastewater treatment
Dulova, Niina; **Trapido, Marina** E-proceedings of International Conference of IOA-EA3G : Ozone and Related Oxidants for Emerging Pollutants of Concern to the Water and the Environment : April 28-30, 2010, Geneva, Switzerland 2010 / p. 2.5-1 - 2.5-12

Fenton-protsessi efektiivsus tööstusreovete puhastammisel
Trapido, Marina; **Dulova, Niina**; **Goi, Anna**; **Veressinina, Jelena**; **Munter, Rein** XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 76

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

Finding the best fitting solutions for wastewater management in Baltic Sea Region villages (VillageWaters) [Online resource]
Dulova, Niina; Räsänen, Kati; Vorne, V. 19th European Meeting on Environmental Chemistry : 3 - 6 december 2018 Royat - France : programm book 2018 / p. 109 : ill https://emec19.sciencesconf.org/data/pages/EMEC_19_Book_of_abstract.pdf

Hazardous waste landfill leachate treatment by combined chemical and biological techniques
Kattel, Eneliis; Kivi, Arthur; Klein, Kati; Tenno, Taavo; **Dulova, Niina**; **Trapido, Marina** Desalination and water treatment 2016 / p. 13236-13245 : ill https://doi.org/10.1080/19443994.2015.1057539 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Individual and simultaneous degradation of sulfamethoxazole and trimethoprim by ozone, ozone/hydrogen peroxide and ozone/persulfate processes: A comparative study
Adil, Sawaira; Maryam, Bareera; Kim, Eun-Ju; **Dulova, Niina** Environmental research 2020 / art. 109889, 10 p
https://doi.org/10.1016/j.envres.2020.109889 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Industrial wastewater treatment by radical-based advanced oxidation technologies : Fenton treatment versus ferrous ion-activated persulfate process
Dulova, Niina; **Kattel, Eneliis**; **Viisimaa, Marika**; **Trapido, Marina** 3rd International Congress on Water, Waste and Energy Management : Rome, Italy, July 18-20, 2016 : abstracts book 2016 / p. 121-122

Insights into nonylphenol degradation by UV-activated persulfate and persulfate/hydrogen peroxide systems in aqueous matrices: a comparative study
Balpreet Kaur; **Kattel, Eneliis**; **Dulova, Niina** Environmental science and pollution research 2020 / p. 22499−22510
https://doi.org/10.1007/s11356-020-08886-y Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Kohalike omavalitsuste ringmajanduslike tegevuste hetkeseisu analüüs ja teekaartide koostamine : analüüsi aruanne
Hurt, Ulrika; **Piirimäe, Kristjan**; **Tuisk, Tarmo**; **Voronova, Viktoria**; **Dulova, Niina**; **Merisaar, Jaana**; **Kull, Margit**; **Niidu, Allan**; **Klõga, Marija**; **Pachel, Karin**; **Küttim, Merle** 2023 https://doi.org/10.11590/taltech.municipalities.circular.economy.roadmaps.report.2023

Oxidation of aqueous pharmaceuticals with persulfate activated by non-thermal plasma
Nikitin, Dmitri; **Kattel-Salusoo, Eneliis**; **Preis, Sergei**; **Dulova, Niina** Journal of international scientific publications : ecology & safety 2023 / p. 58−66 https://www.scientific-publications.net/en/article/1002624/

Oxidation of dexamethasone by photochemical processes in aqueous matrices : a comparative study
Onga, Liina; **Kattel-Salusoo, Eneliis**; **Dulova, Niina** GEET International Conference : Green Energy and Enviromental Technology : Abstract Book 2022 https://scik.eu/Rome2022/GrAbBo.php

Oxidation of pharmaceuticals in urine by pulsed corona discharge
Petrotšenko, Irina; **Dulova, Niina**; **Preis, Sergei** EAAOP-7 : The 7th International Conference on Environmental Applications of Advanced Oxidation Processes 2025 : Programme Booklet 2025 / p. 398-399 https://www.eaaop7.it/

Oxidation of ubiquitous aqueous pharmaceuticals with pulsed corona discharge
Derevshchikov, Vladimir; **Dulova, Niina**; **Preis, Sergei** Journal of electrostatics 2021 / art. 103567, 9 p.: ill
https://doi.org/10.1016/j.elstat.2021.103567 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Oxidative degradation of emerging micropollutant acesulfame in aqueous matrices by UVA-induced H2O2/Fe2+ and S2O8 2/Fe2+ processes
Kattel, Eneliis; **Trapido, Marina**; **Dulova, Niina** Chemosphere 2017 / p. 528-536 : ill
https://doi.org/10.1016/j.chemosphere.2016.12.104 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Oxidative degradation of levofloxacin in aqueous solution by S2O82−/Fe2+, S2O82−/H2O2 and S2O82−/OH− processes : a comparative study
Epold, Irina; **Dulova, Niina** Journal of environmental chemical engineering 2015 / p. 1207-1214 : ill
https://doi.org/10.1016%2Fj.jece.2015.04.019 Journal metrics at Scopus Article at Scopus

Oxidative degradation of the artificial sweetener acesulfame in aqueous matrices by UVA-induced H2O2/Fe2+ and S2O82-/Fe2+ processes [Online resource]
Kattel, Eneliis; **Trapido, Marina**; **Dulova, Niina** 1st International Conference on Sustainable Water Processing : Sitges, Spain, September 11-14, 2016 : programme 2016 / p. OA2.3 http://www.sustainablewaterprocessing.com/

Oxidative degradation of vancomycin by UV and pulsed corona discharge in combination with oxidants: hydrogen peroxide, peroxymonosulfate and peroxydisulfate
Nikitin, Dmitri; Kaur, Balpreet; **Preis, Sergei**; **Dulova, Niina** GEET International Conference : Green Energy and Enviromental Technology : Abstract Book 2022 / 1 l. https://scik.eu/Rome2022/GrAbBo.php

Persulfate activated by non-thermal plasma for pharmaceuticals degradation
Nikitin, Dmitri; **Kattel-Salusoo, Eneliis**; **Preis, Sergei**; **Dulova, Niina** IOA 26th World Congress & Exhibition Milano 2023 : proceedings 2023 / p. 18.1-1−18.1-5 https://www.ioa-ea3g.org/congress/technical-programme/information-for-authors/

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
https://doi.org/10.1016/j.psep.2022.07.002 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Persulfate contribution to photolytic and pulsed corona discharge oxidation of metformin and tramadol in water : [conference paper]
Nikitin, Dmitri; Kaur, Balpreet; **Preis, Sergei**; **Dulova, Niina** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / p. 44 Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference 2022

Persulfate-based photodegradation of a beta-lactam antibiotic amoxicillin in aqueous matrices
Kattel, Eneliis; **Balpreet Kaur**; **Trapido, Marina**; **Dulova, Niina** 5th European Conference on Environmental Applications of Advanced Oxidation Processes (EAAOP5) : book of abstracts 2017 / p. 407 https://photo-catalysis.org/events/901/photo/book_of_proceedings_eaaop5_prague.pdf

Persulfate-based photodegradation of a beta-lactam antibiotic amoxicillin invarious 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

Persulfate-based photodegradation of beta-lactam antibiotic amoxicillin in aqueous matrices
Kattel, Eneliis; **Balpreet Kaur**; **Trapido, Marina**; **Dulova, Niina** 5th European Conference on Environmental Applications of Advanced Oxidation Processes (EAAOP5) : book of abstracts 2017 / p. 167
http://www.eaaop5.com/files/%20Book_of_proceedings_EAAOP5_Prague2.pdf

Photochemical degradation and mineralization of amoxicillin in different water matrices [Online resource]
Kattel, Eneliis; **Balpreet Kaur**; **Trapido, Marina**; **Dulova, Niina** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p http://fmtdk.ut.ee/teesid/

Photochemical degradation of nonylphenol in aqueous solution : the impact of pH and hydroxyl radical promoters
Dulov, Aleksandr; **Dulova, Niina**; **Trapido, Marina** Journal of environmental sciences 2013 / 1326-1330 : ill https://doi.org/10.1016/S1001-0742(12)60205-8 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Photochemical oxidation of ceftriaxone by magnetite-activated persulfate [Online resource]
Tikker, Priit; **Kattel, Eneliis**; **Dulova, Niina** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p http://fmtdk.ut.ee/teesid-2019/

Photo-induced oxidation of ceftriaxone by persulfate in the presence of iron oxides
Balpreet Kaur; **Kuntus, Liina**; **Tikker, Priit**; **Kattel, Eneliis**; **Trapido, Marina**; **Dulova, Niina** Science of the total environment 2019 / p. 165–175 : ill https://doi.org/10.1016/j.scitotenv.2019.04.277 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Photo-induced persulfate oxidation of emerging micropollutants in water matrices [Online resource]
Balpreet Kaur; **Kattel, Eneliis**; **Trapido, Marina**; **Dulova, Niina** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p http://fmtdk.ut.ee/teesid-2019/

Photo-induced persulfate oxidation of emerging micropollutants in water matrices [Online resource]
Dulova, Niina; **Kattel, Eneliis**; **Balpreet Kaur**; **Trapido, Marina** Ozone and Advanced Oxidation Solutions for Emerging Pollutants of Concern to the Water and the Environment : International Conference & Exibition EA3G2018, 5 – 7 September 2018, Lausanne, Switzerland : programme, book of abtracts 2018 / p. 17 http://www.ioa-ea3g.org/fileadmin/documents/EA3G2018_Programme_&_abstract_book.pdf

A pilot study of three-stage biological-chemical treatment of landfill leachate applying continuous ferric sludge reuse in Fenton-like process
Klein, Kati; Kivi, Arthur; **Dulova, Niina**; Zekker, Ivar; Mölder, Erik; Tenno, Toomas; **Trapido, Marina**; Tenno, Taavo Clean technologies and environmental policy 2017 / p. 541-551 : ill https://doi.org/10.1007/s10098-016-1245-5 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Pulsed corona discharge oxidation of carbamazepine in water and urine
Petrotšenko, Irina; **Dulova, Niina**; Simha, P.; **Preis, Sergei** Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 36 ; oral 25 https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts_pub3.pdf

Reuse of ferric sludge as an iron source for the Fenton-based process in wastewater treatment
Bolobajev, Juri; **Kattel, Eneliis**; **Viisimaa, Marika**; **Goi, Anna**; **Trapido, Marina**; Tenno, Taavo; **Dulova, Niina** Chemical engineering journal 2014 / p. 8-13 : ill https://doi.org/10.1016/j.cej.2014.06.018 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Süvaoksüdatsiooni tehnoloogiate arendamine kaasaegsete keskkonnaprobleemide lahendamiseks : tugevalt saastatud tööstusreovetest mikrosaasteaineni õhus ja vees
Trapido, Marina; **Dulova, Niina**; **Kritševskaja, Marina**; **Preis, Sergei** Eesti Vabariigi preemiad 2020 : teadus. F. J. Wiedemanni keeleauhind. Sport. Kultuur. Haridus 2020 / lk. 92-107 : fot https://www.ester.ee/record=b1226072*est https://www.akadeemia.ee/wp-content/uploads/2020/08/ev_preemaid_2020_veebi1.pdf

TalTechi keskkonnateadlaste uus osoonimismeetod puhastab vett antibiootikumijääkidest
Mente et Manu 2020 / lk. 32 https://dea.digar.ee/cgi-bin/dea?a=is&oid=AKmenteetmanu202011&type=staticpdf

The application of activated persulfate processes to reduce water pollution [Online resource]
Kattel, Eneliis; **Trapido, Marina**; **Dulova, Niina** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p http://fmtdk.ut.ee/teesid-2018/

The Fenton-based processes for wastewater treatment
Trapido, Marina; **Dulova, Niina**; **Goi, Anna** NECC2012 : Nordic Environmental Chemistry Conference : Harjattula : proceedings 2012 / p. 30

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 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
Tikker, Priit; **Balpreet Kaur**; **Kattel, Eneliis**; **Trapido, Marina**; **Dulova, Niina** XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 41 https://www.ester.ee/record=b5208044*est

Tseftriaksooni lagundamine vees heterogeenselt aktiveeritud persulfaadiga
Kuntus, Liina; **Balpreet Kaur**; **Trapido, Marina**; **Dulova, Niina**; **Kattel, Eneliis** XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 20

TTÜ aasta noorteadlane tunneb rõõmu Eesti looduskeskkonna üle
Dulova, Niina Mente et Manu 2017 / lk. 26-27 : fot https://www.ttu.ee/public/m/mente-et-manu/MM_02_2017/index.html
https://artiklid.elnet.ee/record=b2816029*est

Unconventional oil contaminated industrial effluent treatment by catalyzed hydrogen peroxide and sodium persulfate
Dulova, Niina; **Kattel, Eneliis**; **Viisimaa, Marika**; **Goi, Anna**; **Klauson, Deniss**; **Trapido, Marina**; Saluste, Alar; Tenno, Taavo Proceedings of the 7th International Conference on Environmental Science and Technology, June 9-13, 2014, Houston, Texas, USA 2014 / p. 262-268

Uudne osoonimismeetod vabastab vee ravimijääkidest
Imeline Teadus 2021 / lk. 20 : fot https://www.ester.ee/record=b2747925*est

Uus osoonimismeetod puhastab vett antibiootikumijääkidest
Horisont 2021 / lk. 7 : fot https://www.ester.ee/record=b1072243*est

UV-assisted chemical oxidation of antihypertensive losartan in water
Balpreet Kaur; Eha, Kaie; **Dulova, Niina** 6th European Conference on Environmetal Applications of Advanced Oxidation Processes, Portorož - Portorose, Slovenia, 26-30 June 2019 : book of abstracts 2019 / p. 242

UV-Assisted chemical oxidation of antihypertensive Losartan in water
Balpreet Kaur; **Dulova, Niina** Journal of environmental management 2020 / art. 110170, 9 p. : ill
https://doi.org/10.1016/j.jenvman.2020.110170 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

UV-induced persulfate oxidation of organic micropollutants in water matrices
Dulova, Niina; **Kattel, Eneliis**; **Balpreet Kaur**; **Trapido, Marina** Ozone : science & engineering 2020 / p. 13-23 : ill
https://doi.org/10.1080/01919512.2019.1599711 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Water emissions and their reduction in village communities villages in Baltic Sea Region as pilots (VillageWaters) [Online resource]
Dulova, Niina; Räsänen, Kati; Virtanen, Yrjö The First International Scientific Conference : Ecological and Environmental Engineering : 26-29 June 2018, Kraków, Poland : book of abstracts 2018 / p. 50 https://coee.urk.edu.pl/zasoby/164/Book.pdf

When Nano Meets Need: Advanced materials for tackling today's water treatment challenges
Dulova, Niina PIM 2025 : Book of Abstracts 2025 / p. 10 https://pim.itim-cj.ro/pages/Book%20of%20Abstracts%20PIM%202025.pdf