

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](#)

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](#)

Catalytic degradation of picric acid by heterogeneous Fenton-based processes
Kulik, Niina; Trapido, Marina Executive summaries : 5th International Conference. 10th IOA-EA3G Berlin Conference on Oxidation Technologies for Water and Wastewater Treatment : Berlin, Germany, March 30 - April 2, 2009 2009 / p. 44-45/PC29(1-8)

Combination of ozonation and Fenton processes for landfill leachate treatment : evaluation of treatment efficiency
Goi, Anna; Veressinina, Jelena; Trapido, Marina Ozone & Related Oxidants in : Advanced Treatment of Water for Human Health and Environment Protection : IOA International Conference Brussels, Belgium, May 15-16, 2008 2008 / p. 6.1.2-1 - 6.1.2.-12 : ill
<https://www.tandfonline.com/doi/full/10.1080/01919510802582011>

Combination of ozonation and the Fenton processes for landfill leachate treatment : evaluation of treatment efficiency
Goi, Anna; Veressinina, Jelena; Trapido, Marina Ozone : science & engineering 2009 / 1, p. 28-36 : ill

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 nitroaromatics with the Fenton reagent
Trapido, Marina; Dello, Ave; Goi, Anna; Munter, Rein Proceedings of the Estonian Academy of Sciences. Chemistry 2003 / 1, p. 38-47 : ill

Degradation of polycyclic aromatic hydrocarbons in soil : the Fenton reagent versus ozonation
Goi, Anna; Trapido, Marina Environmental technology 2004 / p. 155-164 : ill

Degradation of salicylic acid by Fenton and modified Fenton treatment
Goi, Anna; Veressinina, Jelena; Trapido, Marina Chemical engineering journal 2008 / [9] p. : ill
<https://www.sciencedirect.com/science/article/pii/S1385894708000302>

Effect of iron ion on doxycycline photocatalytic and Fenton-based autocatalytic decomposition
Bolobajev, Juri; Trapido, Marina; Goi, Anna Chemosphere 2016 / p. 220-226 : ill <https://doi.org/10.1016/j.chemosphere.2016.03.042>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fenton process for landfill leachate treatment : evaluation of biodegradability and toxicity
Goi, Anna; Veressinina, Jelena; Trapido, Marina Journal of environmental engineering 2010 / 1, p. 46-53 : ill
https://www.researchgate.net/publication/245300997_Fenton_Process_for_Landfill_Leachate_Treatment_Evaluation_of_Biodegradability_and_Toxicity

Fenton treatment as an environmental friendly technique for decontamination of soil and wastewater
Kulik, Niina; Goi, Anna; Veressinina, Jelena; Trapido, Marina; Munter, Rein Conference on Knowledge-based Materials and Technologies for Sustainable Chemistry : 1-5 June 2005, Tallinn, Estonia : abstract book 2005 / p. 96

Fenton treatment efficacy for the purification of different kinds of wastewater
Trapido, Marina; Kulik, Niina; Goi, Anna; Veressinina, Jelena; Munter, Rein Water science and technology 2009 / 7, p. 1795-1801 : ill

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

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](#)

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](#)

Hydrogen peroxide photolysis, Fenton reagent and photo-Fenton for the degradation of nitrophenols : a comparative study

Goi, Anna; Trapido, Marina Chemosphere 2002 / p. 913-922 : ill <https://www.sciencedirect.com/science/article/pii/S004565350100203X>

Interaction of tannic acid with ferric iron to assist 2,4,6-trichlorophenol catalytic decomposition and reuse of ferric sludge as a source of iron catalyst in Fenton-based treatment

Bolobajev, Juri; Trapido, Marina; Goi, Anna Applied catalysis B : environmental 2016 / p. 75-82 : ill

<https://doi.org/10.1016/j.apcatb.2016.01.015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ozonation and the Fenton reagent for the degradation of nitroaromatic compounds

Goi, Anna; Trapido, Marina; Veressinina, Jelena; Kallas, Juha; Munter, Rein International Conference on Ozone in Global Water Sanitation, Amsterdam, the Netherlands, October 1st to October 3rd 2002 : proceedings 2002 / p. IV-2-1 - IV-2-16

Ozonation and the Fenton treatment for remediation of soil - diesel fuel contaminated soil

Goi, Anna; Kulik, Niina; Palmroth, Marja R.T.; Trapido, Marina Advances in Science and Engineering for Industrial Applications of Ozone and Related Oxidants : International Conference : Barcelona, Spain, March 10-12, 2004 : proceedings 2004 / p. I.2.10-1 - I.2.10-6 : ill

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

<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 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/>

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](#)

Removal of PAHs from creosote oil contaminated soil by addition of concentrated H₂O₂ and biodegradation

Aunola, Tuomo; Goi, Anna; Palmroth, Marja R.T.; Langwaldt, Jörg H.; Tuhkanen, Tuula Journal of advanced oxidation technologies 2006 / [9] p <https://www.degruyter.com/document/doi/10.1515/jaots-2006-0102/html>

Sonolytic degradation of chlorophene enhanced by Fenton-mediated oxidation and H•-scavenging effect

Bolobajev, Juri; Goi, Anna Chemical engineering journal 2017 / p. 904-914 : ill <https://doi.org/10.1016/j.cej.2017.07.043> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The cost evaluation of advanced oxidation processes in laboratory and pilot-scale experiments

Kritševskaja, Marina; Klauson, Deniss; Portjanskaja, Elina; Preis, Sergei Ozone : science & engineering 2011 / p. 211-223 <https://www.tandfonline.com/doi/full/10.1080/01919512.2011.554141>

The Fenton chemistry and its combination with coagulation for treatment of dye solutions

Kulik, Niina; Panova, Jekaterina; Trapido, Marina Separation science and technology 2007 / 7, p. 1521-1534 : ill <https://www.tandfonline.com/doi/full/10.1080/01496390701290185>

The Fenton chemistry and its combination with physical coagulation for treatment of dye solution

Kulik, Niina; Panova, Y.; Trapido, Marina e-proceedings of the 1st European Conference on Environmental Applications of AOP : Crete, Chania, September 7-9, 2006 2006 / p. 164-172

The Fenton chemistry as an effective tool for treatment of wastewater generated by different processes

Kulik, Niina; Trapido, Marina; Veressinina, Jelena; Goi, Anna; Munter, Rein ICERT 08 : proceedings of the International Conference on Environmental Research and Technology 2008 : Penang, Malaysia, 28-30 May 2008 : Environmental Technology for a Greener Tomorrow 2008 / p. 811-815 : ill

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 creosote oil contaminated soil by modified Fenton's reaction

Aunola, Tuomo; Palmroth, Marja R.T.; **Goi, Anna**; Tuhkanen, Tuula Abstracts of Sixth Finnish Conference of Environmental Sciences : Current Perspectives in Environmental Science and Technology : Joensuu, Finland, 2003 2003 / p. 194-197

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 PAH-contaminated soil by combination of Fenton's reaction and biodegradation

Palmroth, Marja R.T.; Langwaldt, Jörg H.; Aunola, Tuomo; **Goi, Anna**; Puhakka, Jaakko A.; Tuhkanen, Tuula Journal of chemical technology and biotechnology 2006 / p. 598-607 : ill https://www.researchgate.net/publication/229469481_Treatment_of_PAH-contaminated_soil_by_combination_of_Fenton%27s_reaction_and_biodegradation