

Advanced oxidation combined with biodegradation in situ remediation of creosote oil contaminated soil

Palmroth, Marja R.T.; Aunola, Tuomo; **Goi, Anna** Proceedings of the Second European Bioremediation Conference : Chania, Crete, 2003 2003 / p. 63-66

Advanced oxidation processes - a study on the application for soil remediation

Trapido, Marina; Goi, Anna; Kulik, Niina; Tuhkanen, Tuula Proceedings Seventh Finnish Conference of Environmental Sciences "Science for Sustainability" : Jyväskylä, May 12-13, 2005 2005 / p. 15-18

Advanced oxidation processes - a study on the application for soil remediation

Trapido, Marina; Goi, Anna; Kulik, Niina e-proceedings of the 1st European Conference on Environmental Applications of AOP : Crete, Chania, September 7-9, 2006 2006 / p. 253-260

Advanced oxidation processes : how much they cost?

Munter, Rein; Trapido, Marina; Veressinina, Jelena; Goi, Anna e-proceedings of the 1st European Conference on Environmental Applications of AOP : Crete, Chania, September 7-9, 2006 2006 / p. 284-292

Advanced oxidation processes for soil remediation

Goi, Anna; Trapido, Marina International Conference EcoBalt'2002, Riga, June 7-8, 2002 2002 / p. 18-19

Advanced oxidation processes for the degradation of 2,4,6-trinitrophenol - what is the best solution?

Trapido, Marina; Goi, Anna Proceedings of the 15th Ozone World Congress : London, United Kingdom, 11th - 15th September 2001 : oral presentations. Vol. II 2001 / p. 245-255 : ill

Advanced oxidation processes for water purification and soil remediation

Goi, Anna 2005 <https://digi.lib.ttu.ee/i/?6> https://www.ester.ee/record=b2045331*est

Advanced oxidation, an application for wastewater treatment and soil remediation

Trapido, Marina; Goi, Anna; Munter, Rein Environmental science and pollution research - international 2002 / Special issue 3, 8th FECS Conference on Chemistry and the Environment : Chemistry for a Sustaining World, Athens, Greece, 31 August to 4 September 2002, p. 85-86 : ill

Application of catalyst for intensification of ozonation of some resistant compounds

Trapido, Marina; Goi, Anna; Veressinina, Jelena; Munter, Rein Third International Conference on Oxidation Technologies for Water and Wastewater Treatment - Special Topic: AOP's for Recycling and Reuse : 18-22 May 2003, Goslar, Germany 2003 / p. 711-716

Application of chemical oxidation for improvement of subsequent biodegradation in soil treatment

Trapido, Marina; Goi, Anna; Kulik, Niina Proceedings of 17th International Ozone Association World Congress and Exhibition "Ozone and Related Oxidants. Innovative and Current Technologies" : Strasbourg, France, August 22-25, 2005 2005 / p. VII.3.1-1 - VII.3.1-9

Aroclor 1016 contaminated soil remediation with calcium and magnesium peroxides

Goi, Anna; Viisimaa, Matti; Trapido, Marina; Munter, Rein E-Proceedings : Seventh International Conference on Remediation of Chlorinated and Recalcitrant Compounds : Monterey, CA, USA, May 24-27, 2010 2010

Batch- and pilot-scale regeneration of ammonium, iron, manganese and radium contaminated manganese dioxide based and zeolite filter materials used for potable water purification [Online resource]

Goi, Anna; Nilb, Nele; Viisimaa, Marika; Kiisk, Madis; Suursoo, Siiri; Putk, Kaisa 1st International Conference on Sustainable Water Processing : Sitges, Spain, September 11-14, 2016 : programme 2016 / p. OB3.2.1-OB3.2.2 : tab
<http://www.sustainablewaterprocessing.com/>

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 ozonation of trimethoprim in aqueous solution by in situ generated hydrous manganese oxide

Goi, Anna; Bolobajev, Juri 5th European Conference on Environmental Applications of Advanced Oxidation Processes (EAAOP5) : book of abstracts 2017 / p. 330 https://photo-catalysis.org/events/901/photo/book_of_proceedings_eaaop5_prague.pdf

Chemical oxidation for the treatment of oil shale industry effluent : treatment strategies optimization

Bolobajev, Juri; Viisimaa, Marika; Goi, Anna; Trapido, Marina TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" 2013 / [1] p

Chemical oxidation for the treatment of oil shale industry effluent : treatment strategies optimization

Bolobajev, Juri; Viisimaa, Marika; Klauson, Deniss; Goi, Anna; Trapido, Marina Ozone and related oxidants in : safe water along its cycle : April 23–24, 2013, Berlin, Germany 2013 / 2.8-1-2.8-8
https://www.researchgate.net/publication/328461690_Chemical_oxidation_for_the_treatment_of_oil_shale_industry_effluent_treatment_strategies_optimization

Chemical oxidation in oil contaminated soil remediation

Trapido, Marina; Goi, Anna; Kulik, Niina Soil and Ground Water Contamination by Oil Products and other Anthropogenic Organic Compounds : Analytics, Monitoring and Remediation 2005 / p. 35-40

Chemical oxidation of chlorinated hydrocarbons in soil utilising peroxygene chemicals, different activation aids and biosurfactant

Goi, Anna; Viisimaa, Marika Intersol'2012 : International Conference-Exhibition on Soils, Sediments and Water : 27 au 30 mars 2012, Paris-Sud, France 2012 / [4] p.: ill

Chlorinated aromatic hydrocarbon-contaminated soil treatment with hydrogen peroxide and percarbonate

Viisimaa, Marika; Goi, Anna TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

Chlorinated hydrocarbons contaminated soil treatment by chemical oxidation

Viisimaa, Marika; Bolobajev, Juri; Trapido, Marina; Goi, Anna Proceedings of 3rd European Conference on Environmental Applications of Advanced Oxidation Processes (EAAOP3) : Almería, Spain, October 27-30, 2013 2013 / p. O26-1 - O26-3

Chlorophenols contaminated soil remediation by peroxidation

Goi, Anna; Trapido, Marina Journal of advanced oxidation technologies 2010 / 1, p. 50-58 : ill

Column experiment on activation aids and biosurfactant application to the persulphate treatment of chlorophene-contaminated soil

Bolobajev, Juri; Bilgin Öncü, Nalan; **Viisimaa, Marika; Trapido, Marina;** Balcioglu, Isil Akmeahmet; **Goi, Anna** Environmental technology 2015 / p. 348-357 : ill <https://doi.org/10.1080/09593330.2014.948493> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Combined chemical and biological treatment of oil contaminated soil

Goi, Anna; Kulik, Niina; Trapido, Marina Chemosphere 2006 / p. 1754-1763 : ill

Combined chemical and biological treatment of oil contaminated soil

Goi, Anna; Trapido, Marina 9th FECS Conference and 2nd SFC Meeting on Chemistry and the Environment : Bordeaux, 29 August - 1 September 2004 : final program, abstracts 2004 / p. 74-75

Combined chemical treatment of pharmaceutical effluents from medical ointment production

Kulik, Niina; Trapido, Marina; Goi, Anna; Veressinina, Jelena; Munter, Rein Chemosphere 2008 / 8, p. 1525-1531 : ill
<https://pubmed.ncbi.nlm.nih.gov/17897701/>

Combined method for remediation of nitrophenols contaminated soil

Goi, Anna; Trapido, Marina Fresenius environmental bulletin 2004 / 11b, p. 1191-1196

Combined methods for remediation of fuel and transformer oil contaminated soil

Goi, Anna; Kulik, Niina; Trapido, Marina Abstracts of the International Conference "Eco-Balt 2004" 2004 / p. 11-12

Combined methods for the remediation of nitrophenols contaminated soil

Goi, Anna; Trapido, Marina Abstracts of 12th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region : Appropriate Solutions for the Environmental Problems in Emerging Economies : Antalya, Turkey, 2003 2003 / p. 32

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

Klauson, Deniss; Kivi, Arthur; Kattel, Eneliis; Klein, Kati; Viisimaa, Marika; Bolobajev, Juri; Velling, Siiri; Goi, Anna; Tenno, Taavo; Trapido, Marina Journal of chemical technology and biotechnology 2015 / p. 1527-1536 : ill <https://doi.org/10.1002/jctb.4484> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Combined treatment of pharmaceutical effluents from medical ointment production

Kulik, Niina; Trapido, Marina; Goi, Anna; Veressinina, Jelena; Munter, Rein 2007 World Congress on Ozone and Ultraviolet Technologies : August 27-29, 2007, Los Angeles, California USA 2007 / p. Abs.61 <https://pubmed.ncbi.nlm.nih.gov/17897701/>

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

Contaminated soil remediation with hydrogen peroxide oxidation

Goi, Anna; Trapido, Marina; Kulik, Niina Proceedings of World Academy of Science, Engineering and Technology 2009 / April, p. 185-189 : ill

Corrigendum to Improvement in iron activation ability ofalachlor Fenton-like oxidation by ascorbic acid [Chem. Eng. J. 281 (2015) 566-574] Doi: 10.1016/j.cej.2015.06.115

Bolobajev, Juri; Trapido, Marina; Goi, Anna Chemical Engineering Journal 2016 / p. 19 <https://doi.org/10.1016/j.cej.2015.11.001> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cost effectiveness of ozonation and AOPs for aromatic compounds removal from water : a preliminary study

Munter, Rein; Trapido, Marina; Veressinina, Jelena; Goi, Anna Ozone : science and engineering 2006 / 5, p. 287-293 <https://www.tandfonline.com/doi/full/10.1080/01919510600893875>

DDT-contaminated soil treatment with persulfate and hydrogen peroxide utilizing different activation aids and the chemicals combination with biosurfactant

Goi, Anna; Viisimaa, Marika; Karpenko, Oleksandr Journal of advanced oxidation technologies 2012 / p. 41-52 : ill [https://www.researchgate.net/publication/263695003_DDT-Contaminated_Soil_Treatment_with_Persulfate_and_Hydrogen_Peroxide_Utilizing_Different_Activation_Aids_and_the_Chemicals_Combination_w](https://www.researchgate.net/publication/263695003_DDT-Contaminated_Soil_Treatment_with_Persulfate_and_Hydrogen_Peroxide_Utilizing_Different_Activation_Aids_and_the_Chemicals_Combination_with_Biosurfactant) ith_Biosurfactant

DDT-contaminated soil treatment with persulfate and hydrogen peroxide applying different activation aids

Goi, Anna; Viisimaa, Marika Photocatalytic and Advanced Oxidation Technologies for Treatment of Water, Air, Soil and Surfaces (PAOT) : Gdansk, Poland, 4-8 July, 2011 : abstracts 2011 / p. 91

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 nitrophenols with the Fenton reagent

Trapido, Marina; Goi, Anna Proceedings of the Estonian Academy of Sciences. Chemistry 1999 / 4, p. 163-173

Degradation of polycyclic aromatic hydrocarbons by combined chemical pre-oxidation and bioremediation in creosote contaminated soil

Kulik, Niina; Goi, Anna; Trapido, Marina; Tuhkanen, Tuula Journal of environmental management 2006 / p. 382-391 : 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>

Degradation of salicylic acid by means of ozonation and advanced oxidation processes

Goi, Anna; Veressinina, Jelena; Dzitsjuk, I.; **Trapido, Marina** 2007 World Congress on Ozone and Ultraviolet Technologies : August 27-29, 2007, Los Angeles, California USA 2007 / p. Abs.126

Effect of advanced oxidation process on biodegradation of PAHs in creosote oil contaminated soil

Palmroth, Marja R.T.; Aunola, Tuomo; **Goi, Anna** Abstracts of Sixth Finnish Conference of Environmental Sciences : Current Perspectives in Environmental Science and Technology : Joensuu, Finland, 2003 2003 / p. 51-54
<https://researchportal.tuni.fi/en/publications/effect-of-advanced-oxidation-process-on-biodegradation-of-pahs-in>

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](#)

Effect of modified Fenton's reaction on microbial activity and removal of PAHs in creosote oil contaminated soil

Palmroth, Marja R.T.; Langwaldt, Jörg H.; Aunola, Tuomo; **Goi, Anna;** Münster, U.; Puhakka, Jaakko A.; Tuhkanen, Tuula
Biodegradation 2006 / 2, p. 29-39

Effects of organic reducing agents on the Fenton-like degradation of contaminants in water with a ferric sludge reuse = Orgaaniliste redutseerijate mõju rauasette taaskasutamisele Fenton-tüüpi protsessile reovees sisalduvate saasteainete lagundamisel

Bolobajev, Juri 2016 <https://digi.lib.ttu.ee/i/?5248> https://www.ester.ee/record=b4570888*est

Enhanced degradation of polychlorinated biphenyls in soil by hydrogen peroxide, persulfate and ozone

Viisimaa, Marika; Veressinina, Jelena; Goi, Anna 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.5.10-1 - I.5.10-10

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-protsessi efektiivsus tööstusreovete puhastamisel

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

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>

Hydrous Manganese Oxide (HMO) process in potable water treatment for radium, iron and manganese removal

Viisimaa, Marika; Nilb, Nele; Kiisk, Madis; Suursoo, Siiri; Goi, Anna 17th European Meeting on Environmental Chemistry, November 30th - December 2nd, 2016, Inverness, Scotland : book of abstracts 2016 / p. 78

Improvement in iron activation ability of alachlor Fenton-like oxidation by ascorbic acid

Bolobajev, Juri; Trapido, Marina; Goi, Anna Chemical engineering journal 2015 / p. 566-574 : ill
<https://doi.org/10.1016/j.cej.2015.06.115> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of biosurfactant on combined chemical-biological treatment of PCB-contaminated soil

Viisimaa, Marika; Karpenko, Oleksandr; Novikov, Volodymyr; **Trapido, Marina; Goi, Anna** Chemical engineering journal 2013 / p. 352-359 : ill <https://doi.org/10.1016/j.cej.2013.01.041> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Integrated processes approach for the chlorinated organic micropollutants degradation in the soil matrix

Goi, Anna; Viisimaa, Marika; Trapido, Marina NECC2012 : Nordic Environmental Chemistry Conference : Harjattula : proceedings 2012 / p. 18

Integration of ozonation and sonication with hydrogen peroxide and persulfate oxidation for polychlorinated biphenyls-contaminated soil treatment

Goi, Anna; Viisimaa, Marika Journal of environmental chemical engineering 2015 / p. 2839-2847 : ill
<https://doi.org/10.1016/j.jece.2015.09.025> [Journal metrics at Scopus](#) [Article at Scopus](#)

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](#)

Keemilise oksüdatsiooni kasutamine pinnase töötlemisel järgneva biotaastamise parandamiseks

Trapido, Marina; Goi, Anna; Kulik, Niina XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 115-116

Mangaandioksiidi baasil tehnoloogia arendamine joogivee puhastamiseks

Goi, Anna; Vaasma, T.; Suursoo, S.; Leier, M.; Nilb, N. XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 14 https://www.ester.ee/record=b5208044*est

Metal-doped organic aerogels for photocatalytic degradation of trimethoprim

Bolobajev, Juri; Kask, Maarja; Kreek, Kristiina; Kulp, Maria; Koel, Mihkel; Goi, Anna Chemical engineering journal 2019 / p. 120-128 : ill <https://doi.org/10.1016/j.cej.2018.09.127> [Tehnikaülikooli teadlaste meetod aitab puhastada reovett antibiootikumijääkidest](#)
<https://keskkonnatehnika.ee/reovee-puhastamine-kasutades-aerogeele/> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microbial activity during advanced oxidation of creosote oil contaminated soil

Palmroth, Marja R.T.; Aunola, Tuomo; Goi, Anna Abstracts in Enzymes in the Environment : Activity, Ecology and Application : Praha, Czech Republic, 2003 2003 / p. 62

Nitroaromaatsete ühendite lagundamine Fentoni reaktiiviga

Dello, Ave; Goi, Anna; Trapido, Marina XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 18-19

Nitrofenoolide lagundamine Fentoni reaktiiviga ning vesinikperoksiidi fotolüüsiga

Goi, Anna; Trapido, Marina XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 29-30

Osoonitud nitrofenoolide toksilisuse, kõrvalproduktide ja biolagundatavuse uurimine

Goi, Anna; Trapido, Marina XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 28-29

Ozonation and advanced oxidation - a novel technology for water and wastewater treatment

Goi, Anna; Trapido, Marina; Munter, Rein; Veressinina, Jelena; Dello, Anna First Baltic Symposium on Environmental Chemistry : 26-29 September 2001, Tartu, Estonia : abstracts 2001 / p. 63-64

Ozonation and advanced oxidation for degradation of phenols and phenols containing wastewater

Trapido, Marina; Munter, Rein; Veressinina, Jelena; Goi, Anna EcoBalt '2000 : starptautiska konference = international conference : Riga, 2000. gada 26.-27. maija. I 2000 / p. I-36 - I-41 : ill

Ozonation and Fenton treatment for remediation of diesel fuel contaminated soil

Goi, Anna; Trapido, Marina; Kulik, Niina; Palmroth, Marja R.T.; Tuhkanen, Tuula Ozone : science and engineering 2006 / 1, p. 37-46 : ill

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

Ozonation and ultrasound-assisted advanced oxidation processes for degradation of polychlorinated biphenyls in soil

Viisimaa, Marika; Bolobajev, Juri; Trapido, Marina; Goi, Anna TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" 2013 / [1] p

Ozonation and ultrasoundassisted advanced oxidation processes for degradation of polychlorinated biphenyls in soil

Viisimaa, Marika; Bolobajev, Juri; Goi, Anna Ozone and related oxidants in : safe water along its cycle : April 23–24, 2013, Berlin, Germany 2013 / p. 3.1-1 - 3.1-7

Ozone - an efficient oxidant for water purification, wastewater and soil treatment

Kulik, Niina; Trapido, Marina; Goi, Anna; Munter, Rein International Conference "Eco-Balt 2005" : May 5-6, Riga, Latvia 2005 / p. 68-69

Ozone, hydrogen peroxide and persulfate combined application for chemical oxidation of polychlorinated biphenyls in contaminated soil

Viisimaa, Marika; Goi, Anna 8th International Soil Science Congress on "Land Degradation and Challenges in Sustainable Soil Management" : May 15-17, 2012, Cesme-Izmir, Turkey : proceedings book. Volume I 2012 / p. 387-392 : ill

Peroxidation for remediation of chlorinated hydrocarbons contaminated soil

Goi, Anna; Viisimaa, Marika; Trapido, Marina FCES' 2011 : Finnish Conference of Environmental Science : 5-6 May, 2011, Turku, Finland : proceedings 2011 / p. 29-32 : ill

Peroxidation of chlorophenols in soil [Electronic resource]

Goi, Anna; Trapido, Marina 19th Ozone World Congress & Exhibition : August 31-September 3, 2009, Tokyo, Japan : abstracts and full papers of presentations 2009 / [12] p. : ill. [CD-ROM]

Peroxygen compounds and new integrated processes for chlorinated hydrocarbons degradation in contaminated soil = Peroksüühendite ja uute integreeritud protsesside kasutamine kloorisüivesinike lagundamiseks saastatud pinnases

Viisimaa, Marika 2014

Photocatalytic degradation of trimethoprim enhanced by organic aerogels

Bolobajev, Juri; Kreek, Kristiina; Koel, Mihkel; Goi, Anna 5th European Conference on Environmental Applications of Advanced Oxidation Processes (EAAOP5) : book of abstracts 2017 / p. 110 https://photo-catalysis.org/events/901/photo/book_of_proceedings_eaaop5_prague.pdf

Pinnase töötlemine täiustatud oksüdatsiooniprotsessidega polütsükliiliste aromaatsete süsivesinike kõrvaldamiseks

Ivanova, Olga; Goi, Anna; Trapido, Marina XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 26-27

Polüklooritud bifenüüle sisaldava elektriisoleerõliga saastatud pinnase taastamine kaltsium- ja magneesiumperoksiididega

Goi, Anna; Viisimaa, Marika; Trapido, Marina; Munter, Rein XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 28

Polüklooritud bifenüülidega saastatud pinnase töötlemine vesinikperoksiidi, persulfaadi ja osooniga

Viisimaa, Marika; Veressina, Jelena; Goi, Anna XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 112

Polychlorinated biphenyls-containing electrical insulating oil contaminated soil treatment with calcium and magnesium peroxides

Goi, Anna; Viisimaa, Marika; Trapido, Marina; Munter, Rein Chemosphere 2011 / p. 1196-1201 : ill
<https://www.sciencedirect.com/science/article/abs/pii/S0045653510013603>

Regeneration of filter materials contaminated by naturally occurring radioactive compounds in drinking water treatment plant

Goi, Anna; Nilb, Nele; Suursoo, Siiri; Putk, Kaisa; Kiisk, Madis; Bolobajev, Juri Journal of water process engineering 2019 / 100464, p. 1-10 : ill <https://doi.org/10.1016/j.jwpe.2017.08.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Removal of natural radioactivity from groundwater used as a drinking water source

Goi, Anna Seventh International Conference on Radiation in Various Fields of Research, RAD 7, [RAD 2019], 10-14.06.2019, Herceg Novi, Montenegro : book of abstracts 2019 / p. 87
http://www.radconference.org/helper/download.phpfile=../pdf/RAD_2019_Book_of_Abstracts.pdf

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>

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](#)

Role of organic wastewater constituents in iron redox cycling for ferric sludge reuse in the Fenton-based treatment

Bolobajev, Juri; Trapido, Marina; Goi, Anna World Academy of Science, Engineering and Technology. International journal of

chemical, molecular, nuclear, materials and metallurgical engineering 2016 / p. 391-396 : ill <http://scholar.waset.org/1999.2/10004092>

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](#)

State-of-the-art technology for natural radioactivity removal in groundwater [Online resource]

Goi, Anna Open access government 2018 / phot <https://www.openaccessgovernment.org/radioactivity-removal-groundwater/51906/>

A study of toxicity, biodegradability, and some by-products of ozonised nitrophenols

Goi, Anna; Trapido, Marina; Tuhkanen, Tuula Advances in environmental research 2004 / p. 303-311 : ill

A study on the Fenton treatment efficacy for the purification of different kind of wastewater

Trapido, Marina; Kulik, Niina; Goi, Anna; Veressinina, Jelena; Munter, Rein 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/PC26(1-8)

Teadlane ravimisaastega veest : inimeste hulluksminek võib olla normaalne, aga Läänemere kalade oma mitte

Lepassalu, Virko Pealinn 2018 / lk. 6-7 : fot <http://www.pealinn.ee/tagid/koik/teadlane-ravimisaastega-veest-inimeste-hulluksminek-voib-olla-n233553>

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

The treatment of chlorophene-contaminated soil in columns by combined application of persulfate and biosurfactant

Bilgin Öncü, Nalan; **Viisimaa, Marika; Trapido, Marina;** Balcioglu, Isil Akmeahmet; **Goi, Anna** 8th International Soil Science Congress on "Land Degradation and Challenges in Sustainable Soil Management" : May 15-17, 2012, Cesme-Izmir, Turkey : proceedings book. Volume I 2012 / p. 120-125 : ill

Treatment of Aroclor 1016 contaminated soil by hydrogen peroxide: laboratory column study

Viisimaa, Marika; Veressinina, Jelena; Goi, Anna Environmental technology 2012 / p. 2041-2048 : ill <https://www.tandfonline.com/doi/full/10.1080/09593330.2012.660640>

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 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

TTÜ aastal 2020 : töögrupi vahearuanne

Ernits, Juhan-Peep; Goi, Anna; Jervan, Gert; Leibak, Alar; Randma-Liiv, Tiina; Otto, Tauno; Rosin, Argo; Sarmiento Guerin, Maria Cecilia Mente et Manu 2009 / 16. veebr., lk. 4 : fot https://www.ester.ee/record=b1242496*est

Täiustatud oksüdatsioon nitrofenoolide kõrvaldamiseks vesilahustest

Goi, Anna; Trapido, Marina XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 31-32

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

Use of hydrogen peroxide and percarbonate to treat chlorinated aromatic hydrocarbon-contaminated soil

Viisimaa, Marika; Goi, Anna Journal of environmental engineering and landscape management 2014 / p. 30-39 : ill <https://doi.org/10.3846/16486897.2013.804827> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Which process to prefer : ozonation versus typical AOPs

Munter, Rein; Trapido, Marina; Veressinina, Jelena; Goi, Anna; Kulik, Niina 2007 World Congress on Ozone and Ultraviolet Technologies : August 27-29, 2007, Los Angeles, California USA 2007 / p. Abs.195