# 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

#### 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

# 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)

#### 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

# Combined chemical and biological treatment of oil contaminated soil

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

#### 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 <a href="https://pubmed.ncbi.nlm.nih.gov/17897701/">https://pubmed.ncbi.nlm.nih.gov/17897701/</a>

#### 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 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 <a href="https://pubmed.ncbi.nlm.nih.gov/17897701/">https://pubmed.ncbi.nlm.nih.gov/17897701/</a>

# 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

# 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

#### Detoxification of oil-shale wastes by advanced oxidation

Veressinina, Jelena; Trapido, Marina; Kulik, Niina; Munter, Rein Chemicals, Human & Environment: programme & abstracts: Joint Conference of Estonian Society of Toxicology & Scandinavian Society of Cell Toxicology: Toila, Estonia, October 20-23, 2005 2005 / p. 84

# 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

# Fentoni protsess reoveepuhastustehnoloogias

Trapido, Marina; Kulik, Niina; Munter, Rein Keskkonnatehnika 2008 / 4, lk. 8-11 : ill https://artiklid.elnet.ee/record=b1022115\*est

#### 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

# Oil shale semicoke leachate pre-treatment by means of advanced oxidation

Kulik, Niina; Trapido, Marina; Veressinina, Jelena; Munter, Rein Wasser Berlin 2006: International Conference Ozone and UV:

Sustainable Solutions for Industry and the Environment: conference proceedings: April 3, 2006 2006 / p. 41-46: ill https://www.researchgate.net/publication/266067911 Oil Shale Semicoke Leachate Pre-treatment by means of Advanced Oxidation

### Oil shale semicoke leachate treatment using ozonation and the Fenton oxidation

Trapido, Marina; Munter, Rein; Veressinina, Jelena; Kulik, Niina Environmental technology 2006 / p. 307-315 : ill https://www.tandfonline.com/doi/abs/10.1080/09593332708618644

# Ozonation and AOPs for oil shale industry's wastewater treatment: an overview

Munter, Rein; Trapido, Marina; Kallas, Juha; Kamenev, Sven; Preis, Sergei; Viiroja, Andres; Kamenev, Inna; Järvik, Oliver; Kulik, Niina; Veressinina, Jelena Ozone news 2009 / 4, p. 17-22

#### Ozonation and AOPs for oil shale industry's wastewater treatment: an overview

Munter, Rein; Trapido, Marina; Kallas, Juha; Kamenev, Sven; Preis, Sergei; Viiroja, Andres; Kamenev, Inna; Järvik, Oliver; Kulik, Niina: Veressinina, Jelena 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. 14/PC25(1-8)

#### 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 treatment for remediation of soil - diesel fuel contaminated soil

Goi, Anna: Kulik, Niina: Palmroth, Maria 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

# 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.

#### 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)

# The application of fenton-based processes for wastewater and soil treatment = Fentoni protsesside rakendamine reovete ja pinnaste töötlemiseks

Kulik, Niina 2008 https://www.ester.ee/record=b2373790\*est

# 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 hazard of N-nitrosamines formation during short chain secondary amines (DMA, MEA and DEA) reactions with catalyzed and non-catalyzed hydrogen peroxide [Electronic resource]

Andrzejewski, P.; Kulik, Niina Proceedings of the 10th International Conference on Environmental Science and Technology (CEST 2007): Kos island, Greece, 5-7 September 2007 2007 / p. A-45 - A-54 : ill. [CD-ROM]

# Treatment of surfactant stabilized oil-in-water emulsions by means of chemical oxidation and coagulation

Kulik, Niina; Trapido, Marina; Veressinina, Jelena; Munter, Rein Environmental technology 2007 / 12, p. 1345-1355

#### 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