

A new oxidation/filtration technology for groundwater treatment

Munter, Rein; Ojaste, Heli; Sutt, Johannes 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.2.7-1 - I.2.7-6 : ill

Acquisition of O₂ adsorption isotherms as thorough characterization of nanocrystalline titanium dioxide photocatalysts

Moiseev, Anna; **Kritševskaja, Marina; Preis, Sergei** Surfaces and interfaces 2019 / p. 44-49 : ill

<https://doi.org/10.1016/j.surf.2018.11.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Adsorbeeritud mootorikütuse hapnikurikaste lisandite fotokatalüütiline oksüdatsioon õhus

Preis, Sergei; Falconer, J. XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 101-102

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 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 - current status and prospects

Munter, Rein Proceedings of the Estonian Academy of Sciences. Chemistry 2001 / 2, p. 59-80

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 against industrial phenolic wastewaters

Kallas, Juha; Kamenev, Sven International Workshop on Pollution Prevention and Waste Minimization, 23-24 May, 1995, Lappeenranta, Finland 1995 / p. 50-51

Advanced oxidation processes against phenolic compounds in wastewater treatment

Preis, Sergei; Kamenev, Sven; Kallas, Juha; Munter, Rein Ozone : science & engineering 1995 / 4, p. 399-418: ill

Advanced oxidation processes and ozone treatment of anthracene in aqueous solutions

Munter, Rein; Trapido, Marina; Veressinina, Jelena Eesti Teaduste Akadeemia Toimetised. Keemia 1994 / 2, lk. 61-67: ill

Advanced oxidation processes (AOP) - a water treatment technology of the 21-st century

Munter, Rein International Conference Environmental Science and Technology : ESAT'96, May 14-17, Kaunas : proceedings 1996 / p. 96-100

Advanced oxidation processes (AOPs) : water treatment technology for the Twenty-first Century

Munter, Rein; Preis, Sergei; Kallas, Juha; Trapido, Marina; Veressinina, Jelena Kemia-kemi 2001 / 5, p. 354-362 : ill

Advanced oxidation processes as an opportunity for purification of waste water from Estonian oil shale industry

Trapido, Marina; Munter, Rein; Veressinina, Jelena Regional Conference on Ozone Generation and Application to Water and Waste Water Treatment : ECWATECH-98, Moscow, Russia, 26-28 May, 1998 : proceedings 1998 / p. 519-534: ill

Advanced oxidation processes for degradation of 2,4-dichlo- and 2,4-dimethylphenol

Trapido, Marina; Veressinina, Jelena; Munter, Rein Journal of environmental engineering 1998 / 8, p. 690-694: ill

Advanced oxidation processes for phenolic wastewater posttreatment

Terentjeva, Jelena; Kamenev, Sven; Kallas, Juha Kemia 94 : Finnish Chemical Congress and Exhibition, 8.-10.11.1994 : abstracts 1994 / p. 35-36

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 and detoxification of 4-nitrophenol

Trapido, Marina; Kallas, Juha Environmental technology 2000 / p. 799-808

Advanced oxidation processes for the treatment of water and wastewater contaminated with refractory organic compounds = Süvaoksüdatsiooni protsessid raskesti lagundatavate orgaaniliste ainetega saastatud vee ja heitvee töötlemiseks

Dulov, Aleksandr 2012 <https://digi.lib.ttu.ee/i/?735>

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 processes of xylenols in aqueous solutions

Trapido, Marina; Veressinina, Jelena; Munter, Rein Proceedings of the Estonian Academy of Sciences. Chemistry 1995 / 1, p. 21-31: ill

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

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

Aeration, oxidation and filtration for natural pollutants removal from groundwater

Munter, Rein; Trapido, Marina; Veressinina, Jelena; Lumiste, Liie 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. 5.5-1 - 5.5-11

Aerobic bio-oxidation combined with ozonation for recalcitrant wastewater treatment

Kamenev, Inna; Viiraja, Andres; Kallas, Juha 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. 952-957

Aerobic bio-oxidation combined with ozonation in recalcitrant wastewater treatment

Kamenev, Inna; Pikkov, Lui; Kallas, Juha International Conference EcoBalt'2002, Riga, June 7-8, 2002 2002 / p. 20-25 : ill

Aerobic bio-oxidation combined with ozonation in recalcitrant wastewater treatment

Kamenev, Inna 2003 http://www.ester.ee/record=b1782585*est

Aerobic bio-oxidation combined with ozonation in the treatment of landfill leachates

Kamenev, Inna; Pikkov, Lui; Kallas, Juha Proceedings of the Estonian Academy of Sciences. Chemistry 2002 / 3, p. 148-155 : ill

Aerobic bio-oxidation with ozonation for recalcitrant wastewater treatment

Kamenev, Inna; Viiraja, Andres; Kallas, Juha Journal of advanced oxidation technologies 2008 / 2, p. 338-347

Aerobic bio-oxidation with ozonation in pulp and paper mill wastewater and phenolic wastewater treatment

Kamenev, Inna; Viiraja, Andres; Kallas, Juha Proceedings of International Conference on Ozone : a Clean Source for Activated Oxygen Oxidations and Disinfection : 7-11 April, 2003, Berlin 2003 / p. 247-264

Aerobic cascade oxidation of substituted cyclopentane-1, 2-diones using metalloporphyrin catalysts [Online resource]

Oja, Karolin; Borovkov, Victor; Kananovich, Dzmitry; Järving, Ivar; Lopp, Margus 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://fmdtk.ut.ee/teesid-2018/>

Aerobic oxidation of cyclopentane-1,2-diols to cyclopentane-1,2-diones on Pt/C catalyst

Reile, Indrek; Paju, Anne; Eek, Margus; Pehk, Tõnis; Lopp, Margus Synlett 2008 / 3, p. 347-350 <https://www.thieme-connect.com/products/ejournals/abstract/10.1055/s-2008-1032056>

Akrüülnitriili fotokatalüütiline oksüdatsioon gaasifaasis

Jõks, Svetlana; Kritševskaja, Marina; Preis, Sergei XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 37

AlCo-rich AlCoNiFe and AlCoNiFeCr high entropy alloys: Synthesis and interaction pathway at high heating rates

Nazaretyan, K.; Aydynyan, Sofiya; Kirakosyan, H.; Moskovskikh, D.; Nepapushev, A.; Kuskov, K.; Tumanyan, M.; Zargaryan, A.;

Traksmaa, Rainer; Kharatyan, S. Journal of alloys and compounds 2023 / art. 167589, 13 p
<https://doi.org/10.1016/j.jallcom.2022.167589>

Anaerobic ammonium oxidation process performance with optimum bicarbonate concentration

Zekker, Ivar; Rikmann, Ergo; Tenno, Toomas; **Menert, Anne**; Tomingas, Martin; Kroon, K.; Vabamäe, Priit; Tenno, Taavo Agricultural research : abstract book from the 4th Annual International Symposium on Agricultural Research : 18-21 July 2011, Athens, Greece 2011 / p. 69-71 : ill

Anaeroobse ammoniumlämmastiku oksüdatsiooni protsessi kiirendamine NH₂OH ja N₂H₄-ga

Zekker, Ivar; Kroon, K.; Rikmann, Ergo; Tenno, Toomas; **Menert, Anne**; Tenno, Taavo XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 114 https://www.ester.ee/record=b2679915*est

Analysis of functional gene transcripts suggests active CO₂ assimilation and CO oxidation by diverse bacteria in marine sponges

Feng, Guofang; Zhang, Fengli; Banakar, Shivakumar; **Karlep, Liisi**; Li, Zhiyong FEMS Microbiology Ecology 2019 / art. fiz087
<https://doi.org/10.1093/femsec/fiz087> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Anammox bacteria enrichment and phylogenetic analysis in moving bed biofilm reactors

Zekker, Ivar; Rikmann, Ergo; Tenno, Toomas; Vabamäe, Priit; Tomingas, Martin; **Menert, Anne**; **Loorits, Liis**; Tenno, Taavo Environmental engineering science 2012 / p. 946-950 <https://www.liebertpub.com/doi/abs/10.1089/ees.2011.0146?journalCode=ees>

ANAMMOX-denitrification biomass in microbial fuel cell to enhance the electricity generation and nitrogen removal efficiency

Zekker, Ivar; Bhowmick, Gourav Dhar; Priks, Hans; Nath, Dibyojyoty; Rikmann, Ergo; **Jaagura, Madis** Biodegradation 2020 / p. 249 - 264 <https://doi.org/10.1007/s10532-020-09907-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 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

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

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>

Applications of gas-phase ultraviolet photocatalytic oxidation technology in indoor environments

Palmiste, Ülar; Voll, Hendrik; Tang, Walter Zhonghong Healthy Buildings 2017 Europe : July 2-5, 2017, Lublin, Poland 2017 / paper 0278, [6] p

Aqueous photocatalytic oxidation of amoxicillin

Klauson, Deniss; Babkina, J.; Stepanova, Kristina; Kritševskaja, Marina; Preis, Sergei Catalysis today 2010 / 1/2, p. 39-45

Aqueous photocatalytic oxidation of doxycycline

Klauson, Deniss; Poljakova, Alissa; Pronina, Natalja; Kritševskaja, Marina; Moiseev, Anna; Dedova, Tatjana; Preis, Sergei Journal of advanced oxidation technologies 2013 / p. 234-243

Aqueous photocatalytic oxidation of doxycycline

Kritševskaja, Marina; Klauson, Deniss; Pronina, Natalja; Poljakova, Alissa; Preis, Sergei Abstracts of papers of the American Chemical Society. Vol. 245 2013 / [1] p

Aqueous photocatalytic oxidation of lignin : the influence of mineral admixtures

Portjanskaja, Elina; Preis, Sergei; Kallas, Juha Solar Chemistry and Photocatalysis : Environmental Applications 2006 (SPEA) : Spain, Las Palmas, November 2006 2006 / ? p

Aqueous photocatalytic oxidation of lignin : the influence of mineral admixtures

Portjanskaja, Elina; Preis, Sergei International journal of photoenergy 2007 / [7] p

Aqueous photocatalytic oxidation of lignin and humic acids with supported TiO₂

Portjanskaja, Elina; Preis, Sergei; Kallas, Juha International journal of photoenergy 2006 / [7] p

Aqueous photocatalytic oxidation of lignin and humic substances with supported TiO₂

Portjanskaja, Elina; Preis, Sergei; Kallas, Juha 6th European Meeting Environmental Chemistry : December 6-10, 2005, Belgrade, Serbia and Montenegro 2005 / p. 145

Aqueous photocatalytic oxidation of non-biodegradable pollutants = Bioloogiliselt mittelagunevate saasteainete fotokatalüütiline oksüdatsioon vesifaasis

Klauson, Deniss 2010 <https://digi.lib.ttu.ee/i/?479> https://www.ester.ee/record=b2595245*est

Aqueous photocatalytic oxidation of oxygenated fuel additives using sulphur-doped titania

Klauson, Deniss; Preis, Sergei The 8th European Meeting on Environmental Chemistry (EMEC8) : Inverness, England, 05-08 December 2007 : book of abstracts and final programme 2007 / p. 46

Aqueous photocatalytic oxidation of prednisolone

Klauson, Deniss; Pilnik-Sudareva, Jana; Budarnaja, Olga; Kritševskaja, Marina; Kuljasova, Julia; Käkinen, Aleksandr; Juganson, Katre; Preis, Sergei Abstracts of papers of the American Chemical Society. Vol. 245 2013 / [1] p

Aqueous photocatalytic oxidation of prednisolone

Klauson, Deniss; Pilnik-Sudareva, Jana; Pronina, Natalja; Budarnaja, Olga; Kritševskaja, Marina; Käkinen, Aleksandr; Juganson, Katre; Preis, Sergei Central European journal of chemistry 2013 / p. 1620-1633 : ill

Aqueous photocatalytic oxidation of sulfamethizole

Klauson, Deniss; Kritševskaja, Marina; Borissova, Maria; Preis, Sergei Environmental technology 2010 / 14, p. 1547-1555 : ill

Aqueous photocatalytic oxidation of sulfamethizole

Klauson, Deniss; Kritševskaja, Marina; Borissova, Maria; Preis, Sergei The 5th European Meeting on Solar Chemistry and Photocatalysis : Environmental Applications (SPEA5) : 04-08 October 2008, Palermo, Italy : book of abstracts 2008 / p. PP2.18

Aromaatsete aminoühendite (samiini) fotokatalüütiline oksüdeerimine põhjavetes = Photocatalytical oxidation of aromatic aminocompounds in aquatic solutions and ground water from abandoned military base

Preis, Sergei; Kritševskaja, Marina; Hartšenko, Anna XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 151-152 https://www.ester.ee/record=b1070511*est

Aspects of kerogen oxidative dissolution in subcritical water using oxygen from air

Kaldas, Kristiina; Niidu, Allan; Preegel, Gert; Uustalu, Jaan Mihkel; Muldma, Kati; Lopp, Margus Oil shale 2021 / p. 199-214 : ill <https://doi.org/10.3176/oil.2021.3.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric oxidation of 1,2-cyclopentanediones

Paju, Anne; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus Tetrahedron letters 2000 / 35, p. 6883-6887

Asymmetric oxidation of cyclobutanones : modification of the Sharpless catalyst

Kanger, Tõnis; Kriis, Kadri; Paju, Anne; Pehk, Tõnis; Lopp, Margus Tetrahedron : asymmetry 1998 / p. 4475-4482

Asymmetric oxidation of ketones

Lopp, Margus; Paju, Anne; Kanger, Tõnis; Kriis, Kadri; Ilmarinen, Kaja; Pehk, Tõnis Proceedings of the Estonian Academy of Sciences. Chemistry 2001 / 3, p. 124-137

Asymmetric oxidation of prochiral and racemic ketones by using Sharpless catalyst

Paju, Anne 2001 <https://digi.lib.ttu.ee/i/?4206> https://www.ester.ee/record=b1551339*est

Asymmetric oxidation: towards "artificial enzymes"

Lopp, Margus Conference on Knowledge-based Materials and Technologies for Sustainable Chemistry : 1-5 June 2005, Tallinn, Estonia : abstract book 2005 / p. 15

Asymmetric synthesis of 2/alkyl-substituted 2-hydroxyglutaric acid [gamma]-lactones

Paju, Anne; Laos, Marit; Jõgi, Artur; Päre, Malle; Jäälaid, Raissa; Pehk, Tõnis; Kanger, Tõnis; Lopp, Margus Tetrahedron letters 2006 / 26, p. 4491-4493 <https://www.sciencedirect.com/science/article/pii/S004040390600726X>

Asymmetric synthesis of 2-aryl-5-oxotetrahydrofuran-2-carboxylic acids

Jõgi, Artur; Paju, Anne; Pehk, Tõnis; Kailas, Tiit; Müürisepp, Aleksander-Mati; Kanger, Tõnis; Lopp, Margus Synthesis 2006 / 18, p. 3031-3036 : ill <https://www.thieme-connect.com/products/ejournals/abstract/10.1055/s-2006-950193>

Behavior of Estonian oil shale in acidic oxidative conditions

Niidu, Allan; Grenman, Henrik; **Muldma, Kati**; **Kaldas, Kristiina**; **Mikli, Valdek**; **Lopp, Margus** *Frontiers in Chemical Engineering* 2022 / art. 590115 <https://doi.org/10.3389/fceng.2022.590115>

Biological oxidation in anaerobic digestion of sulfate rich wastewater

Blonskaja, Viktoria; **Menert, Anne**; **Kurissoo, Tõnu**; **Vilu, Raivo** 9th World Congress Anaerobic Digestion 2001 : September 2-6, 2001, Antwerpen, Belgium : proceedings. Part 1 2001 / p. 713-718 : ill

Biological redox switches

Palumaa, Peep *Antioxidants & redox signaling* 2009 / 5, p. 981-983 <https://pubmed.ncbi.nlm.nih.gov/19186997/>

Biological treatment of anaerobic digester supernatant by anaerobic ammonium oxidation method in UASB system

Tomingas, Martin; Zekker, Ivar; Rikmann, Ergo; Tenno, Toomas; **Menert, Anne**; Kroon, Kristel; Tenno, Taavo *SustainChem2011 : International Conference on Materials and Technologies for Green Chemistry jointly with Workshop of COST Action CM0903 (UBIOCHEM-II) : September 5-9, 2011, Tallinn, Estonia : abstract book and program 2011 / p. 140*

Bioloogiline oksüdatsioon sulfaadirikast reovett töötlevas anaeroobses biopuhastis

Menert, Anne; **Krapivina, Marina**; **Kurissoo, Tõnu**; **Vilu, Raivo** XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 85-86

Biooksüdatsioon koos keemilise oksüdatsiooniga

Järvik, Oliver; **Viioja, Andres**; **Kamenev, Sven**; **Kamenev, Inna** XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 30 : ill

Carbon aerogel platinum-praseodymium oxide nanocatalyst for methanol oxidation in 0.5 M sulfuric acid : (digital presentation)

Prits, Alise-Valentine; Nerut, Jaak; Kasuk, Heili; **Koel, Mihkel**; Sepp, Silver; Valk, Peeter; Aruväli, Jaan; Koppel, Miriam; **Mikli, Valdek**; **Volobujeva, Olga**; Lust, Enn *ECS transactions* 2022 / art. 79 <https://doi.org/10.1149/10807.0079ecst> [Journal metrics at Scopus](#) [Article at Scopus](#)

Chemical and biochemical oxidation in wastewater treatment technology : mass transfer and reaction kinetics

Kamenev, Inna; **Viioja, Andres**; **Kallas, Juha** *Scientific proceedings of Riga Technical University. Series: Material Science and Applied Chemistry* 2002 / p. 47-58 : ill

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 biologically treated phenolic effluents

Kamenev, Sven; **Kallas, Juha**; **Munter, Rein**; **Trapido, Marina** *Waste management* 1995 / 3, p. 203-208: ill

Chemical oxidation of ferrous iron in aqueous solutions and groundwater samples

Munter, Rein; **Trapido, Marina**; **Veressina, Jelena**; **Kallas, Juha** *Proceedings of the Estonian Academy of Sciences. Chemistry* 1999 / 4, p. 174-181: ill

Chemicals and lignin from black liquor by a wet oxidation process

Melin, Johan Kristian; Mudassar, Hassan Raja; Hurme, Markku; Koskinen, Jukka; **Kallas, Juha** *SustainChem2011 : International Conference on Materials and Technologies for Green Chemistry jointly with Workshop of COST Action CM0903 (UBIOCHEM-II) : September 5-9, 2011, Tallinn, Estonia : abstract book and program 2011 / p. 154*

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 / p. O26-1 - O26-3*

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 <http://dx.doi.org/10.1080/09593330.2014.948493>

Combination of advanced oxidation methods for the energy-efficient abatement of aqueous and gaseous hazardous pollutants = Süvaoksüdatsiooniprotsesside kombineerimine ohtlike saasteainete energiatõhusaks lagundamiseks vees ja õhus

Kask, Maarja 2021 https://www.ester.ee/record=b5451819*est <https://digikogu.taltech.ee/et/Item/26344f14-93e2-432d-82d6-cc540247d95b> <https://doi.org/10.23658/taltech.37/2021>

Combined physicochemical treatment of textile and mixed industrial wastewater

Dulov, Aleksandr; Dulova, Niina; Trapido, Marina Ozone : science & engineering 2011 / p. 285-293 : ill

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>

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

Computerized chromatographic monitoring of rapid thermooxidation reactions

Kaljurand, Mihkel; Ebber, Arkadi Proceedings of the Estonian Academy of Sciences. Chemistry 1996 / 1/2, p. 1-8: ill

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

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>

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>

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://fmttk.ut.ee/programm-2023/>

Degradation of aqueous alachlor in pulsed corona discharge

Bolobajev, Juri; Gornov, Daniil; Kornev, Iakov; Preis, Sergei Journal of electrostatics 2021 / art. 103543 <https://doi.org/10.1016/j.elstat.2020.103543> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Degradation of emerging pharmaceuticals in water/wastewater matrix with advanced oxidation processes : a comparative study

Epold, Irina; Barajeva, Polina; 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. VIII.2.6-1 - VIII.2.6-10

Degradation of environmentally toxic refractory compounds in suspended-bed reactor by photocatalytic oxidation and combination of biological treatment with photocatalysis [Online resource]

Pronina, Natalja; Klauson, Deniss; Kamenev, Sven; Kamenev, Inna; Rudenko, Tatjana; Künnis-Beres, Kai; Moiseev, Anna; Kritševskaja, Marina Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fmttk.ut.ee/teesid/>

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>

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 <http://dx.doi.org/10.1016/j.cej.2015.05.054>

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>

Degradation of pharmaceuticals by advanced oxidation technologies in aqueous matrices = Ravimite lagundamine vesikeskkonnas süvaoksüdatsioonitehnoloogiatega

Epold, Irina 2015 <https://digi.lib.ttu.ee/i/?3698>

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 propoxycarbazone-sodium with advanced oxidation processes

Dulov, Aleksandr; Dulova, Niina; Veressinina, Jelena; Trapido, Marina Water science & technology : water supply 2011 / p. 129-134

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

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

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>

Diesel fuel oxidation in storage

Järviste, Raul; Muoni, Rein; Soone, Jüri; Riisalu, Hella; Zaidentsal, Aleksei Khimiya tverdogo topliva 2008 / p. 123-127

Direct asymmetric alpha-hydroxylation of beta-hydroxyketones

Lopp, Margus; Paju, Anne; Kanger, Tõnis; Pehk, Tõnis Tetrahedron letters 1997 / 28, p. 5051-5054

Direct asymmetric alpha-hydroxylation of beta-hydroxyketones

Lopp, Margus; Paju, Anne; Kanger, Tõnis; Pehk, Tõnis 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 79

Eemaldades tõrvatilku meepotist

Sirp 2020 / lk. 14 : fot <https://www.sirp.ee/s1-artiklid/c21-teadus/teaduse-aastapreemia-eemaldades-torvatilku-meepotist-2/>
https://www.ester.ee/record=b1072938*est

Effect of electrolyte composition on the surface characteristics of plasma electrolytic oxidation coatings over Ti40Nb alloy

Lokeshkumar, E.; Premchand, C.; Palanivel, Manojkumar; Shishir, R.; Krishna, L. Rama; Prashanth, Konda Gokuldoss; Rameshbabu, Nagumothu Surface and coatings technology 2023 / art. 129591 <https://doi.org/10.1016/j.surfcoat.2023.129591>

Effect of methionine-35 oxidation on the aggregation of amyloid- β peptide

Friedemann, Merlin; Helk, Eneken; Tiiman, Ann; Zovo, Kairit; Palumaa, Peep; Tõugu, Vello Biochemistry and biophysics reports 2015 / p. 94-99 : ill <http://dx.doi.org/10.1016/j.bbrep.2015.07.017>

Effect of oil droplet size on oxidation safflower oil in emulsion system

Sirendi, Meelis; Gohtani, Shoichi; Yamano, Yoshimasa Food and nutrition = Toit ja toitumine 1998 / p. 91-97: ill

Effect of ozone on photocatalytic oxidation of acetone and toluene vapours in continuous multi-section reactor

Kask, Maarja; Bolobajev, Juri; Kritševskaja, Marina 6th European Conference on Environmental Applications of Advanced Oxidation Processes, Portorož - Portoroze, Slovenia, 26-30 June 2019 : book of abstracts 2019 / p. 657

Effect of oxidation on abrasive wear behaviour of TiC-based cermets in SiO₂ medium

Antonov, Maksim; Hussainova, Irina; Pirso, Jüri; Juhani, Kristjan Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [II] 2010 / p. 510-515 : ill

Effect of oxidation on abrasive wear behaviour of titanium carbide based composites in silica medium

Antonov, Maksim; Hussainova, Irina; Pirso, Jüri; Juhani, Kristjan; Viljus, Mart Estonian journal of engineering 2010 / 4, p. 264-272 : ill

Effect of oxidation on abrasive wear of TiC-based cermets at various temperatures

Antonov, Maksim; Hussainova, Irina; Pirso, Jüri; Juhani, Kristjan Proceedings of 14th Nordic Symposium on Tribology :

Effect of oxidation on erosive wear behaviour of boiler steels

Antonov, Maksim; Veinthal, Renno; Huttunen-Saarivirta, E.; Hussainova, Irina; Vallikivi, Ahto; Lelis, Martynas; Priss, Jelena
Tribology international 2013 / p. 35-44 : ill

Effect of some polysaccharides on oxydative stability of methyl linoleate in emulsion

Sirendi, Meelis; Gohtani, Shoichi; Yamano, Yoshimasa Journal of dispersion science and technology 1998 / 5, p. 679-694

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

Efficient photoelectrocatalytic degradation of amoxicillin using nano-TiO₂ photoanode thin films : a comparative study with photocatalytic and electrocatalytic methods

Alaydaroos, Alia Husain; **Sydorenko, Jekaterina;** Palanisamy, Selvakumar; Chiesa, Matteo; Al Hajri, Ebrahim Chemosphere 2023 / art. 139629 <https://doi.org/10.1016/j.chemosphere.2023.139629>

Electrochemical aziridination of internal alkenes with primary amines

Ošeka, Maksim; Laudadio, Gabriele; van Leest, Nicolaas P.; Dyga, Marco; Bartolomeu, Aloisio de A.; Gooßen, Lukas J.; de Bruin, Bas; de Oliveira, Kleber T.; Noël, Timothy Chem 2021 / p. 255 - 266 <https://doi.org/10.1016/j.chempr.2020.12.002> Journal metrics at Scopus Article at Scopus Journal metrics at WOS 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

Emission of sulphur dioxide by thermooxidation of Estonian oil shale and coal

Kaljuvee, Tiit; Kuusik, Rein, keemik; Veiderma, Mihkel Proceedings of the Estonian Academy of Sciences. Engineering 1998 / 3, p. 199-208: ill

Enantioselective synthesis of epoxyketones via aerobic oxidation of cyclopropanols

Elek, Gabor Zoltan; **Borovkov, Victor; Lopp, Margus; Kananovich, Dzmitry** Open Readings 2017 : 60th International Conference for Students of Physics and Natural Sciences, March 14-17, 2017, Vilnius, Lithuania : programme and abstracts 2017 / p. 140 : ill
http://www.openreadings.eu/wp-content/uploads/2017/03/OR2017_abstracts_book.pdf

Energy consumption in ozonation and photo-catalytical oxidation

Preis, Sergei; Kamenev, Sven 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 57

Enhancement of aerobic biooxidation with Ozone in Phenolic Wastewater Treatment

Kamenev, Inna; Viiraja, Andres; Kallas, Juha Proceedings of 17th World Congress and Exhibition "Ozone and Related Oxidants. Innovative and Current Technologies" : Strasbourg, France, August 22-25, 2005 2005 / ? p

Erosion of Cr₃C₂-based cermets at room and elevated temperatures

Antonov, Maksim; Hussainova, Irina Proceedings of the 3rd International Conference Industrial Engineering - New Challenges to SME : 25-27 April 2002, Tallinn, Estonia 2002 / p. 137-140 : ill

Erosion-oxidation of pressure vessel steel P265GH

Huttunen-Saarivirta, E.; Kuokkala, V.-T.; **Antonov, Maksim; Veinthal, Renno;** Tuiremo, J.; Mäkelä, K. Tribologia : Finnish journal of tribology 2012 / p. 11-19 : ill <https://journal.fi/tribologia/article/view/69337>

Esilekerkivate ravimite lagundamine süvaoksüdatsiooniprotsessidega vees/reovees : võrdlev uuring

Epold, Irina; Veressinina, Jelena; Trapido, Marina XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 21

Estimation of energy consumed by ozonation photocatalytical oxidation

Preis, Sergei; Kamenev, Sven Regional Conference on Ozone Generation and Application to Water and Waste Water Treatment : ECWATECH-98, Moscow, Russia, 26-28 May, 1998 : proceedings 1998 / p. 29-39

Experimental setup for testing and mapping of high temperature abrasion and oxidation synergy

Antonov, Maksim; Hussainova, Irina Wear 2009 / 11, p. 1798-1803 : ill

Facile and environmentally benign aerobic cascade oxidation of substituted cyclopentane-1,2-diones using metalloporphyrin catalysts [Online resource]

Maljutenko, Karolin; Borovkov, Victor; Kananovich, Dzmitry; Lopp, Margus Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fmdk.ut.ee/teesid/>

Fenoole sisaldava reovee puhastamine kombineeritud protsessiga - aeroobne biooksüdatsioon koos retsirkuleeritava vee osoneerimisega

Kamenev, Inna; Lepik, Pille; Kallas, Juha XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 41-42

Fenoolsete ainete oksüdeerimine vesilahustes

Preis, Sergei; Terentjeva, Jelena XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 111

Fenoolsete ja aromaats[te] amiinühendite fotokatalüütiline oksüdatsioon saastatud vetes

Preis, Sergei; Kritševskaja, Marina; Terentjeva, Jelena; Moiseev, Anna XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 134-135

Formation of volatile organic compounds at thermooxidation of solid fossil fuels

Kaljuvee, Tiit; Edro, Evelin; Kuusik, Rein, keemik Oil shale 2007 / 2, p. 117-133 : ill

Fossilisation by Mg-calcite: mineralized microbes in methane-derived carbonates from the Vestnesa Ridge, off western Svalbard

Himmler, Tobias; Wirth, Richard; **Martma, Tõnu**; Bohrmann, Gerhard; Bünz, Stefan; Knies, Jochen; **Lepland, Aivo** Geophysical research abstracts 2018 / p. EGU2018-14291 <https://meetingorganizer.copernicus.org/EGU2018/EGU2018-14291.pdf>

Fotokatalüütiline oksüdeerimine veepuhastuses, eelised ja tõkked rakendamisel

Preis, Sergei Keskkonnatehnika 1997 / 4, lk. 31-32

Gaasiliste küllastunud süsivesinike oksüdeerimise uurimine vanaadiumoksiid-katalüsaatoritel

Mikkal, Maret-Elo 1966 http://www.ester.ee/record=b2188094*est

Gas-phase and aqueous photocatalytic oxidation of methylamine : the reaction pathways

Katšina, Anna; Preis, Sergei; Lluellas, German Charles; Kallas, Juha International journal of photoenergy 2007 / [6] p

Gas-phase photocatalytic and thermal oxidation of methyltertbutyl ether and tert-butyl alcohol at TiO₂ surface

Katšina, Anna; Nuria, C.; Preis, Sergei; Kallas, Juha 3rd European Meeting on Solar Chemistry and Photocatalysis : Environmental Applications : book of abstracts 2004 / p. 305-306

Gas-phase photocatalytic degradation of VOCs and ozone in continuous multi-section reactor as possible air post-treatment for exhaust from pulsed corona discharge

Kask, Maarja; Bolobajev, Juri; Kritševskaja, Marina GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 40 <http://fmdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Gas-phase photocatalytic oxidation of acrylonitrile

Kritševskaja, Marina; Jõks, Svetlana; Katšina, Anna; Preis, Sergei The 5th European Meeting on Solar Chemistry and Photocatalysis : Environmental Applications (SPEA5) : 04-08 October 2008, Palermo, Italy : book of abstracts 2008 / p. PP2.20

Gas-phase photocatalytic oxidation of acrylonitrile

Kritševskaja, Marina; Jõks, Svetlana; Katšina, Anna; Preis, Sergei Photochemical & photobiological science 2009 / 5, p. 600-603 : ill

Gas-phase photocatalytic oxidation of acrylonitrile on sulphated TiO₂ : continuous flow and transient study

Jõks, Svetlana; Kritševskaja, Marina; Preis, Sergei Catalysis letters 2010 / [13] p. : ill

Gas-phase photocatalytic oxidation of acrylonitrile on sulphated TiO₂ : continuous flow and transient study

Jõks, Svetlana; Kritševskaja, Marina; Preis, Sergei Catalysis letters 2011 / p. 309-315 : ill

Gas-phase photocatalytic oxidation of dimethylamine : the reaction pathway and kinetics

Katšina, Anna; Preis, Sergei; Kallas, Juha International journal of photoenergy 2007 / [4] p

Gas-phase photocatalytic oxidation of motor fuel oxygenated additives

Preis, Sergei; Falconer, J.L. Water science and technology Water science & technology 2004 / 4, p. 141-145

Gas-phase photocatalytic oxidation of motor fuel oxygenated additives

Preis, Sergei; Falconer, J. 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 / lk. 216-220

Gas-phase photocatalytic oxidation of motor fuel oxygenated additives

Preis, Sergei; Falconer, J.L. International Conference EcoBalt'2002, Riga, June 7-8, 2002 2002 / p. 11-12

Gas-phase photocatalytic oxidation of motor fuel oxygenated additives

Preis, Sergei; Falconer, J.L. 2[nd] European Meeting on: "Solar-Chemistry and Photocatalysis : Environmental Applications", Saint-Avoid (France), May 29-31, 2002 : book of abstracts 2002 / p. P30

Gas-phase photocatalytic oxidation of organic air pollutants = Orgaaniliste õhu saasteainete fotokatalüütiline oksüdatsioon gaasifaasis

Jõks, Svetlana 2012

Gas-phase photocatalytic oxidation of refractory VOCs mixtures : through the net of process limitations

Kritševskaja, Marina; Preis, Sergei; Moiseev, Anna; **Pronina, Natalja**; Deubener, Joachim Catalysis today 2017 / p. 93-98 : ill <http://dx.doi.org/10.1016/j.cattod.2016.03.041>

Gas-phase photocatalytic oxidation of styrene in a simple tubular TiO₂ reactor

Kritševskaja, Marina; **Preis, Sergei** Journal of advanced oxidation technologies 2003 / 2, p. 150-157

Glükoosioksidaasi-kalaktaasi kompleksi immobiliseerimine ja kasutamine glükoosi oksüdatsiooniks glükoos-fruktoosi segudes

Treufeld, E.; **Fedosjejev, Viktor**; **Mandel, Mihkel** XXXII üliõpilaste teaduslik-tehnilise konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 135 https://www.ester.ee/record=b1322611*est

Heitvete kombineeritud oksüdatiivne puhastamine

Pikkov, Lui; **Kallas, Juha**; **Kamenev, Inna**; **Krasnova, Olga** XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 132-133

Heterogeneous platinum catalytic aerobic oxidation of cyclopentane-1,2-diols to cyclopentane-1,2-diones

Reile, Indrek; **Kalle, Sigrid**; Werner, Franz; **Järving, Ivar**; **Kudrjašova, Marina**; **Paju, Anne**; **Lopp, Margus** Tetrahedron 2014 / p. 3608-3613 : ill

High temperature oxidation of CoAl(100)

Volker, R.; **Podgurski, Vitali**; Costina, Ioan; Franchy, R.; Ibach, H. J.Appl. surface science 2005 / p. 139-150

High temperature tribological properties of Al₂O₃/NCD films investigated under ambient air conditions

Podgurski, Vitali; **Yashin, Maxim**; Jõgiaas, Taivo; **Viljus, Mart**; **Alamgir, Asad**; **Danilson, Mati**; **Bogatov, Andrei** Coatings 2020 / art. 175, 13 p. : ill <https://doi.org/10.3390/coatings10020175> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

High-temperature oxidation resistance and tribological properties of Al₂O₃/ta-C coating

Alamgir, Asad; **Bogatov, Andrei**; Jõgiaas, Taivo; **Viljus, Mart**; **Raadi, Taavi**; **Kübarsepp, Jakob**; **Sergejev, Fjodor**; Lümekmann, Andreas; Kluson, Jan; **Podgurski, Vitali** Coatings 2022 / art. 547 <https://doi.org/10.3390/coatings12040547> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hydrolyse und Oxydation von Eisen- und Calciumsulfiden im wässrigen Medium

Elenurm, Alfred; **Mölder, Leevi**; Rohla, Ilme Proceedings of the Estonian Academy of Sciences. Chemistry 1996 / 1/2, p. 30-41

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 <http://dx.doi.org/10.1016/j.cej.2015.06.115>

Inclusion of additional coordination sphere into cluster-model redox potential calculations

Uudsemaa, Merle; **Tamm, Toomas** AIP conference proceedings 2007 / 2, p. 495-499 <https://ui.adsabs.harvard.edu/abs/2007AIPC..963..495U/abstract>

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

Influence of ferrous/ferric ions to the efficiency of aqueous photocatalytic oxidation of pollutants in groundwater

Klauser, Deniss; Portjanskaja, Elina; **Katšina, Anna**; **Preis, Sergei**; **Kallas, Juha** 3rd European Meeting on Solar Chemistry and Photocatalysis : Environmental Applications : book of abstracts 2004 / p. 103-104

Influence of ferrous/ferric ions to the efficiency of aqueous photocatalytic oxidation of 2-ethoxy ethanol

Klauson, Deniss; **Preis, Sergei** Abstracts of the International Conference "Eco-Balt 2004" 2004 / p. 7-8

Influence of particle impact conditions and temperature on erosion–oxidation of steels at elevated temperatures

Huttunen-Saarivirta, E.; **Antonov, Maksim; Veinthal, Renno**; Tuiremo, J.; Mäkelä, K.; Siitonen, P. Wear 2011 / p. 159-175 : ill

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](#)

In-situ characterization of anodic oxidation layers and conductive polymers on Pt by contact electric resistance technique

Kukkonen, J.J.V.; Talo, A.; **Idla, Katrin**; Forsen, Olof 3. Elektrochemisches Grundlagensymposium in Verbindung mit dem 2. Kurt-Schwabe-Symposium, Dresden, 17 bis 19 April 1997 1997 / S. 36

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

<http://dx.doi.org/10.1016/j.jece.2015.09.025>

Intensification of low-temperature oxidation of low-density polyethylene by gas flame

Piiraja, Eduard; Lippmaa, Helle Acta Polymerica 1984 / p- 669-673 https://www.ester.ee/record=b1438570*est

<https://doi.org/10.1002/actp.1984.010351101>

Investigation of properties and reaction mechanisms of redox-active proteins by ESI MS = Redoks-aktiivsete valkude omaduste ja reaktsioonimehhanismide uurimine ESI-MS abil

Smirnova, Julia 2013 https://www.ester.ee/record=b2965120*est

A journey for the development of a highly active ptcec(cr3c2) catalyst: material selections, synthesis optimization and electrical measurements for methanol oxidation and oxygen reduction

Nguyen, Huy Quí Vinh; Nerut, Jaak; Kasuk, Heili; Thomborg, Thomas; Härmä, Meelis; Härmä, R.; Koppel, Miriam; Teppor, Patrick; Külaviir, Marian; Aruväli, Jaan; **Volobujeva, Olga**; Lust, Enn GSFMT Scientific Conference 2023 : Tartu, 23-24 May, 2023 : abstracts 2023 <https://fntdk.ut.ee/programm-2023/>

Jäätumisvastaste ainete fotokatalüütiline oksüdatsioon vesilahustes ja lennukikütuse ekstra[k]tides

Kritševskaja, Marina; Malõgina, Tatjana; Preis, Sergei; Kallas, Juha XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 64-65

Kas petrooleum või antifriis? Lennukikütuste jäätumisvastaste ainete fotokatalüütiline oksüdatsioon

Preis, Sergei; Kritševskaja, Marina Keskkonnatehnika 2000 / 2, lk. 27-28 https://artiklid.elnet.ee/record=b1003608*est

Kasvajarakkude pinna morfoloogilised muutused hematoporfüriini derivaadi (HPD) fotodünaamilisel toimel on seotud ATP alanemisega ja tsütoskeleti proteiinide sulfhüdrilsete rühmade oksüdatsiooniga

Tšekulajeva, Ludmilla; Ševtšuk, Igor; Tšekulajev, Vladimir XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 146-147 : ill

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

Kinetic modeling of the promoted and unpromoted wet oxidation of debarking evaporation concentrates

Verenich, Svetlana; **Roosalu, Kati**; Hautaniemi, Marjaana Chemical engineering journal 2005 / 1/2, p. 101-108

<https://www.sciencedirect.com/science/article/pii/S1385894705000197>

Kinetic modelling of wet oxidation treated debarking water

Kindsigo, Merit; Hautaniemi, Marjaana; **Kallas, Juha** Proceedings of the Estonian Academy of Sciences 2010 / 3, lk. 233-242 : ill

Kinetics and basic understanding : general discussion

Angerhofer, Alexander; Mittele, Sebastien; Mohamed, Sharmarke; Moores, Audrey; Mortera-Carbonell, Aldo de Jesus; Nagapudi, Karthik; **Niidu, Allan**; Puccetti, Francesco; Stahorsky, Martin; Vugrin, Leonarda Faraday Discussions 2023 / p. 306-340

<https://doi.org/10.1039/D2FD90082C>

Kinetics and modelling of advanced oxidation of toxic and carcinogenic aromatic compounds

Kallas, Juha; Trapido, Marina; Munter, Rein International Specialised Symposium IOA 2000 "Fundamental and Engineering Concepts for Ozone Reactor Design" : Toulouse, France, March 1-3, 2000 : proceedings 2000 / p. 79-82

Kinetics of ferrous iron oxidation in groundwater

Munter, Rein; Trapido, Marina; Veressinina, Jelena; Kamenev, Sven 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 46

3-alküül-1,2-tsüklopentaandioonide asümmeetriline oksüdatsioon

Paju, Anne; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 102-103

3-bensüül-2,4-dihüdrosütsüklopent-2-eenoonide süntees ja asümmeetriline oksüdatsioon

Oja, Karolin; Paju, Anne; Pehk, Tõnis; Lopp, Margus XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 66 : ill

3-bensüül-2-hüdrosü-2-tsüklopenteen-1-ooni süntees ja selle asümmeetriline oksüdatsioon

Jõgi, Artur; Ilves, M.; Paju, Anne; Pehk, Tõnis; Lopp, Margus XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 23-24

3-bensüüloksümetüül-1,2-tsüklopentaandiooni süntees ja asümmeetriline oksüdatsioon

Laos, Marit; Paju, Anne; Kanger, Tõnis; Lopp, Margus; Pehk, Tõnis XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 52-53

Low-temperature oxidation of polyethylene

Piiraja, Eduard; Lippmaa, Helle; Metlitskaja, Olga; Dankovics, A. European polymer journal 1980 / p. 641-645

<https://www.sciencedirect.com/science/article/abs/pii/0014305780901032?via%3Dihub>

Low-temperature oxidation of polyethylene

Piiraja, Eduard; Dankovics, A. Mechanisms of degradation and stabilization of hydrocarbon polymers : proceedings of the 19. Prague IUPAC Microsymposium on Macromolecules held in Prague, Czechoslovakia, 9-12 July 1979 1979 / M41-1-M41-2

Low-temperature oxidation of unstabilized low-density polyethylene

Piiraja, Eduard; Lippmaa, Helle Acta Polymerica 1985 / p. 196-199 https://www.ester.ee/record=b1438570*est

<https://doi.org/10.1002/actp.1985.010360404>

Mechanism of the asymmetric oxidation of cyclopentane-1,2-diones

Reile, Indrek; Paju, Anne; Pehk, Tõnis; Lopp, Margus Balticum Organicum Syntheticum : International Conference on Organic Synthesis : June 29 - July 2, 2008, Vilnius : program and abstract book 2008 / p. 155

Microstructure evolution and changes in mechanical properties in WC-Co composites during recycling by oxidation-reduction process and sintering

Joost, Renee; Pirso, Jüri; Viljus, Mart 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 29

Modelling advanced oxidation treatment of polycyclic aromatic hydrocarbons

Hautaniemi, Marjaana; Kallas, Juha; Munter, Rein; Trapido, Marina; Veressinina, Jelena Proceedings of the Estonian Academy of Sciences. Chemistry 1999 / p. 80-95 https://www.ester.ee/record=b1072099*est

Modelling of oxidation rocket fuel polluted groundwater

Reinik, Janek VII Nordic Symposium of Petro-physics, Akureyri, Island 2002 / ? p

New asymmetric chemical oxidation in the synthesis of chiral anti-cancer nucleoside analogues

Lopp, Margus; Jõgi, Artur; Paju, Anne; Siirde, K. European journal of pharmaceutical sciences 2007 / 1, Supplement 1, p. S5

<https://link.springer.com/article/10.1007/s00709-006-0230-y>

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>

Oksüdatsiooni stereospetsiifilisus arahhidoonhappe C-15 juures tsüklooksügenaasi katalüüsis

Valmsen, Karin; Järving, Reet; Järving, Ivar; Samel, Nigulas XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 156

Optimisation of the ethylene glycol reduction method for the synthesis of platinum-ceria-carbon materials as catalysts for

the methanol oxidation reaction

Nguyen, Huy; Nerut, Jaak; Kasuk, Heili; Härmä, Meelis; Valk, Peeter; Romann, Tavo; Koppel, Miriam; Teppor, Patrick; Aruväli, Jaan; Korjus, Ove; **Volobujeva, Olga**; Lust, Enn Journal of solid state electrochemistry 2023 / p. 313–326 : ill <https://doi.org/10.1007/s10008-022-05326-4>

Osoon, UV-kiirgus ja süvaoksüdatsioon - lahendusi tänapäeva aktuaalsetele keskkonnaprobleemidele

Munter, Rein Keskkonnatehnika 2011 / 5, lk. 14-15 : fot

Osooni mõju atsetooniauru fotokatalüütilisele oksüdeerimisele

Kask, Maarja; Bolobajev, Juri; Kritševskaja, Marina XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 17

Osoonimine ja täiustatud oksüdatsiooni protsessid - 21. sajandi veepuhastustehnoloogia

Munter, Rein; Kallas, Juha; Preis, Sergei; Trapido, Marina Eesti Vabariigi teaduspreemiad 2001 2001 / lk. 36-44

Osoonimine ja täiustatud oksüdatsiooni protsessid - 21. sajandi veepuhastustehnoloogia : kommentaar Eesti Vabariigi teaduse aastapreemia pälvinud tööle

Munter, Rein Tallinna Tehnikaülikooli aastaraamat 2000 2001 / lk. 149-153

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 advanced oxidation of polycyclic aromatic hydrocarbons - mathematical modelling

Hautaniemi, Marjaana; **Kallas, Juha; Munter, Rein; Trapido, Marina; Veressinina, Jelena** 1997

Ozonation and advanced oxidation processes (AOP) for destruction of polyaromatic hydrocarbons and substituted phenols

Trapido, Marina; Veressinina, Jelena; Munter, Rein International Workshop on Pollution Prevention and Waste Minimization, 23-24 May, 1995, Lappeenranta, Finland 1995 / p. 38-40

Ozonation and advanced oxidation processes of polycyclic aromatic hydrocarbons in aqueous solutions : a kinetic study

Trapido, Marina; Veressinina, Jelena; Munter, Rein Environmental technology 1995 / p. 729-740: 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

Ozonation and wet oxidation in the treatment of thermomechanical pulp (TMP) circulation waters

Laari, A.; Korhonen, Susanna; Tuhkanen, Tuula; Verenich, Svetlana; **Kallas, Juha** Water science and technology 1999 / 11/12, p. 51-58

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

Ozone-assisted degradation of 2-methoxyethanol in a prototype plug flow photocatalytic reactor

Altof, Kristen; Krichevskaya, Marina; Preis, Sergei; Tähemaa, Toivo; Bolobajev, Juri Chemical engineering journal 2023 / art. 148488 <https://doi.org/10.1016/j.cej.2023.148488>

Ozone-based advance oxidation processes [Electronic resource]

Trapido, Marina Encyclopedia of life support systems (EOLSS). Chapter 6.192 2008

Otsene beeta-hüdroksüketoonide asümmeetriline alfa-hüdroksüleerimine

Lopp, Margus; Paju, Anne; Kanger, Tõnis; Pehk, Tõnis XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid

Oxidation and destruction of polyethylene

Piiraja, Eduard 1993 http://www.ester.ee/record=b1065021*est

Oxidation energy efficiency in water treatment with gas-phase pulsed corona discharge as a function of spray density

Tikker, Priit; Kornev, Iakov; **Preis, Sergei** Journal of electrostatics 2020 / art. 103466, 5 p. : ill

<https://doi.org/10.1016/j.elstat.2020.103466> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oxidation energy efficiency in water treatment with gas-phase pulsed corona discharge as a function of spray density : [conference paper]

Tikker, Priit; Kornev, Iakov; **Preis, Sergei** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 83

<http://fntdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Oxidation of aqueous bisphenols A and S by pulsed corona discharge : impacts of process control parameters and oxidation products identification : [conference paper]

Tikker, Priit; Nikitin, Dmitri; **Preis, Sergei** MonGOS International Conference Water and Sewage in the Circular Economy Model : abstract book 2022 / p. 69

<https://www.researchgate.net/publication/362102748>

Oxidation of aqueous corticosteroid dexamethasone with pulsed corona discharge

Onga, Liina; Kattel-Salusoo, Eneliis; Trapido, Marina; **Preis, Sergei** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 20

https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Oxidation of aqueous N-nitrosodiethylamine: experimental comparison of pulsed corona discharge with H2O2-assisted ozonation

Kask, Maarja; Kritševskaja, Marina; **Preis, Sergei**; Bolobajev, Juri Journal of environmental chemical engineering 2021 / art. 105102

<https://doi.org/10.1016/j.jece.2021.105102> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oxidation of aqueous organic molecules in gas-phase pulsed corona discharge : impact of operation parameters =

Orgaaniliste molekulide oksüdeerimine gaasifaasilise koroona-impulss elektrilahendusega : töörežiimi parameetrite mõju

Onga, Liina 2022 <https://doi.org/10.23658/taltech.26/2022> <https://digikogu.taltech.ee/et/Item/3cbfe919-6281-4331-8fcb-d4dbb0de1b4c>

https://www.ester.ee/record=b5499812*est

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 aqueous p-Nitroaniline by pulsed corona discharge

Jayachandrabal, Balachandramohan; **Tikker, Priit**; **Preis, Sergei** Separation and Purification Technology 2022 / Art. nr. 121473

<https://doi.org/10.1016/j.seppur.2022.121473> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oxidation of C18 hydroxylpolyunsaturated fatty acids to epoxide or ketone by catalase-related hemoproteins activated with iodosylbenzene

Teder, Tarvi; Boeglin, William E.; Brash, Alan R. Lipids 2017 / p. 587-597 : ill <https://doi.org/10.1007/s11745-017-4271-0>

Oxidation of cyclobutanones with the modified Sharpless catalyst

Kriis, Kadri; Kanger, Tõnis; Paju, Anne; Pehk, Tõnis; Lopp, Margus 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 62

Oxidation of cyclobutanones with the modified sharpless catalyst. 2, Effect of chiral ligand

Kriis, Kadri; Kanger, Tõnis; Paju, Anne; Pehk, Tõnis; Lopp, Margus 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 32

Oxidation of cyclopentane-1,2-dione: a study with 18O labeled reagents

Reile, Indrek; Paju, Anne; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Lopp, Margus Tetrahedron 2011 / p. 5942-5948

Oxidation of Methionine-35 in Alzheimer's amyloid-beta peptide and the aggregation of the oxidized peptide

Friedemann, Merlin; Helk, Eneken; Tiiman, Ann; Zovo, Kairit; Palumaa, Peep; Tõugu, Vello SpringerPlus 2015 / p. 20, P13

<http://dx.doi.org/10.1186/2193-1801-4-S1-P13>

Oxidation of organic compounds in waste water with ozone and hydrogen peroxide

Maripuu, Lea Proceedings of the Estonian Academy of Sciences. Chemistry 1995 / 2/3, p. 201-206: ill

Oxidation of phenolic compounds in aqueous solutions

Preis, Sergei; Terentjeva, Jelena 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 121

Oxidation of reactive azo-dyes with pulsed corona discharge : surface reaction enhancement

Onga, Liina; Kornev, Iakov; Preis, Sergei Journal of electrostatics 2020 / art. 103420, 5 p. : ill

<https://doi.org/10.1016/j.elstat.2020.103420> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Oxidation of reactive azo-dyes with pulsed corona discharge : surface reaction enhancement : [conference paper]

Onga, Liina; Kornev, Iakov; Preis, Sergei GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 68

<http://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Oxidation of spark plasma sintered ZrC-Mo and ZrC-TiC composites

Yung, Der-Liang; Maaten, Birgit; Antonov, Maksim; Hussainova, Irina International journal of refractory metals and hard materials

2017 / p. 244-251 : ill <https://doi.org/10.1016/j.jrmhm.2017.03.019>

Oxidation of substituted bicyclo[4.4.0]decen-3-ones

Aav, Riina; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus Proceedings of the Estonian Academy of Sciences. Chemistry 2001 / 3, p.

138-146 https://artiklid.elnet.ee/record=b1007942*est

Oxidation of substituted cyclopentane-1,2-diones = Asendatud tsüklopentaan-1,2-dioonide oksüdeerimine

Oja, Karolin 2018 <https://digi.lib.ttu.ee/i/?9923>

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

Oxidation resistance of titanium and chromium carbide-base cermets

Pirso, Jüri; Kübarsepp, Jakob Proceedings of the Estonian Academy of Sciences. Engineering 1996 / 1, p. 4-13: ill

Oxidation-abrasion of TiC-based cermets in SiC medium

Antonov, Maksim; Hussainova, Irina; Kübarsepp, Jakob; Traksmäa, Rainer Wear 2011 / p. 23-31 : ill

Oxidative degradation of levofloxacin in aqueous solution by S2O82-/Fe2+, S2O8 2-/H2O2 and S2O82-/OH- processes : a comparative study

Epold, Irina; Dulova, Niina Journal of environmental chemical engineering 2015 / p. 1207-1214 : ill

<http://dx.doi.org/10.1016%2Fj.jece.2015.04.019>

Oxidative ring-cleavage reactions of cyclopropanols and their application for the synthesis of bioactive cyclopeptides = Tsüklopropanoolide oksüdeerivad tsükliavamisreaktsioonid ja nende rakendus bioaktiivsete tsüklopeptiidide sünteesil

Elek, Gabor Zoltan 2020 <https://digikogu.taltech.ee/et/Item/969fcb0-1eb5-491e-9f23-5d6040090e0b>

Oxidative treatment of phenolic wastewater disposed into the Gulf of Finland from oil shale processing industry in Estonia

Kamenev, Sven; Preis, Sergei The Baltic Sea and Its Environment : ESTO-96 Twin Symposium, August 6 and 9, 1996, Stockholm-

Tallinn 1997 / p. 73-74

Paberitööstuse reovee puhastamine kombineeritud protsessiga - aeroobne biooksidatsioon koos retsirkuleeriva vee osoneerimisega

Kamenev, Inna; Vaks, Ursula; Roosalu, Kati; Kallas, Juha XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid =

27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 39-40

p-asendatud 3-fenüül-2-hüdroksü-2-tsüklopenteen-1-ooni derivaatide süntees ja nende asümmeetriline oksüdatsioon

Jõgi, Artur; Paju, Anne; Pehk, Tõnis; Lopp, Margus XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th

Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 21-22

Periodate oxidation of microbial polysaccharides for immobilization of medicinal enzymes

Vina, I.; Karsakevich, A.; Bekers, M. 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 168

Peroxygen compounds and new integrated processes for chlorinated hydrocarbons degradation in contaminated soil = Peroksü-ühendite ja uute integreeritud protsesside kasutamine kloorisüvesinike lagundamiseks saastatud pinnases

Viisimaa, Marika 2014

pH and oxidation by-products in photocatalytical treatment

Preis, Sergei; Kritševskaja, Marina; Terentjeva, Jelena 13th International Congress of Chemical and Process Engineering :

CHISA'98 : 23-28 August 1998, Praha, Czech Republic. Summaries 1, 2nd Symposium on Environmental and Safety Engineering

1998 / p. 21

pH influence on oxidation by-products in photocatalytical treatment

Preis, Sergei; Kritševskaja, Marina; Terentjeva, Jelena 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 58

Photocatalytic oxidation of 1,1-dimethyl hydrazine vapours on TiO₂ : FTIR in situ studies

Kolinko, P.A.; Kozlov, D.V.; Vorontsov, A.V.; **Preis, Sergei** Catalysis today 2007 / 1/2, p. 178-185
<https://www.sciencedirect.com/science/article/abs/pii/S0920586107000557>

Photocatalytic oxidation of aromatic aminocompounds in aqueous solutions and groundwater from abandoned military bases

Preis, Sergei; Kritševskaja, Marina; Hartšenko, Anna Water science and technology 1997 / p. 265-272 : ill
[https://doi.org/10.1016/S0273-1223\(97\)00034-6](https://doi.org/10.1016/S0273-1223(97)00034-6)

Photocatalytic oxidation of fuel oxygenated additives in aqueous solutions

Kritševskaja, Marina; Katšina, Anna; Malõgina, Tatjana; Preis, Sergei; Kallas, Juha International journal of photoenergy 2003 / 2, p. 81-86

Photocatalytic oxidation of fuel oxygenated additives in aqueous solutions

Kritševskaja, Marina; Katšina, Anna; Malõgina, Tatjana; Preis, Sergei; Kallas, Juha 2[nd] European Meeting on: "Solar-Chemistry and Photocatalysis : Environmental Applications", Saint-Avoid (France), May 29-31, 2002 : book of abstracts 2002 / p. O38

Photocatalytic oxidation of fuel oxygenated additives in aqueous solutions

Kritševskaja, Marina; Katšina, Anna; Malõgina, Tatjana; Preis, Sergei; Kallas, Juha International Conference EcoBalt'2002, Riga, June 7-8, 2002 2002 / p. 14-15

Photocatalytic oxidation of fuel oxygenated additives in aqueous solutions

Kritševskaja, Marina; Katšina, Anna; Malõgina, Tatjana; Preis, Sergei; Kallas, Juha International Conference on Ozone in Global Water Sanitation, Amsterdam, the Netherlands, October 1st to October 3rd 2002 : proceedings 2002 / p. V-3-1

Photocatalytic oxidation of humic substances with TiO₂ attached to the hollow glass micro-spheres

Portjanskaja, Elina; **Kritševskaja, Marina; Preis, Sergei** Abstracts of the International Conference "Eco-Balt 2004" 2004 / p. 5-6

Photocatalytic oxidation of humic substances with TiO₂-coated glass micro-spheres

Portjanskaja, Elina; **Kritševskaja, Marina; Preis, Sergei; Kallas, Juha** Environmental chemistry letters 2004 / 3, p. 123-127

Photocatalytic oxidation of natural polymers in aqueous solutions = Looduslike polümeeride fotokatalüütiline oksüdatsioon vesilahustes

Portjanskaja, Elina 2009 https://www.ester.ee/record=b2491725*est

Photocatalytic oxidation of organic pollutants in aqueous and gaseous phases

Kritševskaja, Marina; Preis, Sergei 2003 https://www.ester.ee/record=b1782241*est

Photocatalytic oxidation of VX-simulation substance

Kozlova, E.; Vorontsov, A.; Rima, G.; Lion, C.; **Preis, Sergei** Water science and technology 2007 / 12, p. 133-138
<https://iwaponline.com/wst/article-abstract/55/12/133/14264/Photocatalytic-oxidation-of-VX-simulation?redirectedFrom=fulltext>

Photocatalytical oxidation of aromatic aminocompounds in aquatic solutions and groundwater from abandoned military base

Preis, Sergei; Kritševskaja, Marina; Hartšenko, Anna International Conference - Oxidation Technologies for Water and Wastewater Treatment / Clausthaler Umwelttechnik-Institut GmbH 1996 / [9] p.: ill

Photocatalytical oxidation of phenolic compounds in wastewater from oil shale treatment

Preis, Sergei; Terentjeva, Jelena; Rožkov, Aleksei International Conference - Oxidation Technologies for Water and Wastewater Treatment / Clausthaler Umwelttechnik-Institut GmbH 1996 / [20] p.: ill

Photocatalytical oxidation of phenolic compounds in wastewater treatment

Preis, Sergei; Kallas, Juha International Workshop on Pollution Prevention and Waste Minimization, 23-24 May, 1995, Lappeenranta, Finland 1995 / p. 43-45: ill

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

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://fntdk.ut.ee/teesid-2019/>

Pinnase töötlemine täiustatud oksüdatsiooniprotsessidega polütsükliliste 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

Polüetüleeni oksüdatsioon ja destruktsioon : väitekiri on esitatud Tallinna Tehnikaülikooli tehnikadoktori kraadi taotlemiseks

Piiroja, Eduard 1993 http://www.ester.ee/record=b2676859*est

Polüetüleeni pinna oksüdatsiooni uurimine

Pajula, S.; Sikk, T.; Piiroja, Eduard XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 94 https://www.ester.ee/record=b2449987*est

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>

Post-treatment of pulp and industry wastewaters using oxidation and adsorption processes

Kallas, Juha; Munter, Rein Water science technology 1994 / 5/6, p. 259-272: ill

Posttreatment of pulp and paper industry wastewaters using oxidation and adsorption processes

Munter, Rein; Kallas, Juha Proceedings of the 4-th TAWO Symposium on Forest Industry Wastewaters, June 8-11, 1993, Tampere, Finland 1993 / p. 15-16

Potential of electric discharge plasma methods in abatement of volatile organic compounds originating from food industry

Preis, Sergei; Klauson, Deniss; Gregor, Andre Journal of environmental management 2013 / p. 125-138
<https://doi.org/10.1016/j.jenvman.2012.10.042>

Practical applications of a systematic approach to the chemical abatement of pollutants in water and air

Preis, Sergei 2002 https://www.ester.ee/record=b1740069*est

Prügilavee puhastamine bioloogilise ja keemilise oksüdatsiooni protsessidega

Roosalu, Kati; Kamenev, Inna; Kuusik, Aare; Loigu, Enn XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 70

Pulsed corona discharge : the role of ozone and hydroxyl radical in aqueous pollutants oxidation

Preis, Sergei; Panorel, I.; Kornev, I.; Hatakka, Henry; Kallas, Juha Water science & technology Water science and technology 2013 / p. 1536-1542 <https://doi.org/10.2166/wst.2013.399>

Pulsed corona discharge for improving treatability of coking wastewater

Liu, Ming; Preis, Sergei; Kornev, Iakov; Hu, Yun; Wei, Chao-Hai Journal of environmental sciences 2018 / p. 306-316 : ill
<https://doi.org/10.1016/j.jes.2017.07.003>

Purification of phenolic wastewater using aerobic bio-oxidation combined with activated carbon treatment and ozonation

Järvik, Oliver; Kamenev, Inna; Viioja, Andres; Kallas, Juha Ozone : science & engineering 2010 / 6, p. 417-423 : ill

Purification of phenolic wastewater using aerobic bio-oxidation combined with activated carbon treatment and ozonation

Järvik, Oliver; Kamenev, Inna; Viioja, Andres; Kallas, Juha 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. 1.2-1 - 1.2-10

Purification of pulp and paper mill wastewater - aerobic bio-oxidation with ozonation in re-circulation system

Kamenev, Inna; Roosalu, Kati; Vaks, Ursula; Viioja, Andres; Kallas, Juha International Conference on Ozone in Global Water Sanitation, Amsterdam, the Netherlands, October 1st to October 3rd 2002 : proceedings 2002 / p. IV-6-1 - IV-6-18 : ill

Põhjavett saastavate ainete fotokatalüütiline oksüdatsioon

Klauson, Deniss; Portjanskaja, Elina; Katšina, Anna; Kritševskaja, Marina; Preis, Sergei; Kallas, Juha Keskkonnatehnika 2006 / 3, lk. 15-17

Põlevkivi kerogeeni hapendamisest = On the Oxidation of the Kerogen of the Estonian Oil Shale

Pervik, Johannes-Eduard 1938

Raman spectroscopy of multilayered AlCrN coating under high temperature sliding/oxidation

Baroninš, Janis; Antonov, Maksim; Bereznev, Sergei; Raadik, Taavi; Hussainova, Irina Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer

reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia 2019 / p. 9-14 <https://www.scientific.net/KEM.799.9> https://www.ester.ee/record=b5235278*est
<https://doi.org/10.4028/www.scientific.net/KEM.799.9> Conference proceeding at Scopus Article at Scopus

Rapid start- up of autotrophic nitrogen removal process after inoculation with microorganisms from yeast factory anaerobic tank

Zekker, Ivar; Kroon, Kristel; **Pitk, Peep**; **Loorits, Liis** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" 2013 / [1] p. : ill

Reactivities of American, Chinese and Estonian oil shale semi-cokes and Argonne premium coal chars under oxy-fuel combustion conditions

Culin, Chris; Tente, Kevin; **Konist, Alar**; **Maaten, Birgit**; **Loo, Lauri** Oil shale 2019 / p. 353-369 : ill http://www.kirj.ee/32526/?tpl=1061&c_tpl=1064 <https://doi.org/10.3176/oil.2019.3.01> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Reactivity of aliphatic dicarboxylic acids in wet air oxidation conditions

Kaldas, Kristiina; **Preegel, Gert**; **Muldma, Kati**; **Lopp, Margus** Industrial & engineering chemistry research 2019 / p. 10855–10863 : ill <https://doi.org/10.1021/acs.iecr.9b01643> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Reactivity of the biomass chars originating from reed, douglas fir, and pine

Link, Siim; Arvelakis, Stelios; Hupa, Mikko; Yrjas, Patrik; **Külaots, Indrek**; **Paist, Aadu** Energy & fuels 2010 / 12, p. 6533-6539 <https://pubs.acs.org/doi/abs/10.1021/ef100926v>

Recycling of WC-Co hardmetals by oxidation and carbothermal reduction in combination with reactive sintering

Joost, Renee; **Pirso, Jüri**; **Viljus, Mart**; **Letunovitš, Sergei**; **Juhani, Kristjan** Estonian journal of engineering 2012 / p. 127-139 : ill

Removal of radionuclides from Estonian groundwater using aeration, oxidation, and filtration

Lumiste, Liie; **Munter, Rein**; Sutt, Johannes; Kivimäe, Tiit; Eensalu, Toivo Proceedings of the Estonian Academy of Sciences 2012 / p. 58-64 : ill

Reovee puhastamine aeroobse biooksidatsiooniga kombineeritult aktiivsöetöötusega ja osoonimisega

Järvik, Oliver; **Kamenev, Inna**; **Kallas, Juha** XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 25-26

Research of specific nitrite oxidation rate on high surfaced biofilms carriers with free ammonia and temperature variations

Zekker, Ivar; Tenno, Toomas; Tenno, Taavo; Lemmiksoo, Vallo; Rikmann, Ergo; **Menert, Anne**; Kolberg, K. 3rd EuCheMS Chemistry Congress : Chemistry - the Creative Force : 29.08.-02.09.2010, Nürnberg, Germany : [abstracts] 2010 / [1] p <https://www.etis.ee/Portal/Publications/Display/e183db0e-18fc-43e3-9bab-bdc76c638e92>

Response to the comment on "Wet oxidation lumped kinetic model for wastewater organic burden biodegradability prediction"

Verenich, Svetlana; **Kallas, Juha** Environmental science and technology 2003 / 6, p. 1227

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

Selective photocatalytic oxidation of steroid estrogens in presence of saccharose and ethanol as co-pollutants

Karpova, Tatjana; **Preis, Sergei**; **Kallas, Juha**; Barros Torres, Adelia Luciana Environmental chemistry letters 2007 / 4, p. 219-224

Selective photocatalytic oxidation of steroid estrogens in the presence of copollutants in the sanitary fraction of domestic sewage

Karpova, Tatjana; **Preis, Sergei**; **Kallas, Juha** International journal of photoenergy 2007 / [8] p

Selective photocatalytic oxidation of steroid estrogens in water treatment : urea as co-pollutant

Karpova, Tatjana; **Preis, Sergei**; **Kallas, Juha** Journal of hazardous materials 2007 / 3, p. 465-471 : ill

SO₂ binding into the solid phase at thermooxidation of blends based on Estonian oil shale semicoke

Kaljuvee, Tiit; **Kuusik, Rein**; **keemik, Triikkel, Andres** ESTAC 8 : 8th European Symposium on Thermal Analysis and Calorimetry, Barcelona, Spain, August 25-29, 2002 : abstracts book 2002 / p. 26

Sonolytic degradation of pesticide metazachlor in water : The role of dissolved oxygen and ferric sludge in the process intensification

Kask, Maarja; **Kritševskaja, Marina**; **Bolobajev, Juri** Journal of environmental chemical engineering 2019 / art. 103095, 7 p. : ill <https://doi.org/10.1016/j.jece.2019.103095> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Specific nitrite oxidation rate on high surfaced biofilm carriers dependent on free ammonia and temperature

Zekker, Ivar; Tenno, Toomas; Tenno, Taavo; Lemmiksoo, Vallo; Rikmann, Ergo; **Menert, Anne**; Kolberg, K.; Tomingas, Martin; Kroon, K.; Vabamäe, Priit 2nd Workshop on Bacterial and Fungal Biofilms : Ghent University Center for Sociomicrobiology, 22 September 2011 2011 <https://www.etis.ee/Portal/Publications/Display/33df8771-46e4-46c6-a2da-dbd4efb91a17>

Structural consideration of kukersite from air oxidation

Kaldas, Kristiina; Uustalu, Jaan Mihkel; Niidu, Allan; Muldma, Kati; Preegel, Gert; Lopp, Margus GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / O 20

Study of phase transitions within alumina grown on top of CoAl(100) surface

Podgurski, Vitali; Rose, V.; Costina, Ioan; Francy, R. Surface science 2007 / 16, p. 3315-3323 : ill <https://www.sciencedirect.com/science/article/pii/S0039602807006371>

A study of primary oxidation products of free polyunsaturated fatty acids in wheat varieties

Vaher, Merike; Levandi, Tuuli; Püssa, Tõnu; Toomik, Peeter; Kaljurand, Mihkel Proceedings of World Congress on Oils and Fats & 28th ISF Congress : Sydney, Australia, 27-30 September 2009 / ? p

Stüreeni fotokatalüütiline oksüdatsioon gaasifaasis

Kritševskaja, Marina; Preis, Sergei XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 64

Sulfametisooli fotokatalüütiline oksüdatsioon vesifaasis

Klauson, Deniss; Kritševskaja, Marina; Borissova, Maria; Preis, Sergei XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 44

Sulfate-reducing anaerobic ammonium oxidation as a potential treatment method for high nitrogen-content wastewater

Rikmann, Ergo; Zekker, Ivar; Tomingas, Martin; Tenno, Taavo; **Menert, Anne**; Loorits, Liis; Tenno, Toomas Biodegradation 2012 / p. 509-524 : ill https://www.researchgate.net/publication/348845233_Sulfate-reducing_anaerobic_ammonium_oxidation_as_a_potential_treatment_method_for_high_nitrogen-content_wastewater

Surface properties of sprayed and electrodeposited ZnO rod layers

Gromōko, Inga; Krunks, Malle; Dedova, Tatjana; Katerski, Atanas; Klauson, Deniss; Oja Acik, Ilona Applied surface science 2017 / p. 521-528 : ill <https://doi.org/10.1016/j.apsusc.2017.02.065>

Surfactant and non-surfactant radical scavengers in aqueous reactions induced by pulsed corona discharge treatment

Wang, Yi-Xian; Kornev, Iakov; Wei, Chao-Hai; **Preis, Sergei** Journal of electrostatics 2019 / p. 82-86 : ill <https://doi.org/10.1016/j.elstat.2019.03.001> Tehnikaülikooli teadlaste uudne lahendus puhastab vett elektriga [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Surveying iron–organic framework TAL-1-derived materials in ligandless heterogeneous oxidative catalytic transformations of alkylarenes

Ping, Kefeng; Alam, Mahboob; Käärik, Maike; Leis, Jaan; Kongi, Nadežda; Järving, Ivar; Starkov, Pavel Synlett 2019 / p. 1536–1540 : ill <https://doi.org/10.1055/s-0037-1611877> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Synthesis of 2-(S)-[(4-methylphenyl)sulfinyl]-2-cyclopenten-1-one, a D-ring precursor of 9,11-secoosterols

Kõllo, Marek; Rõuk, Kristi; Lopp, Margus Proceedings of the Estonian Academy of Sciences 2022 / p. 307-313 : ill <https://doi.org/10.3176/proc.2022.4.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Synthesis of 3-hydroxymethyl-1,3,6-hexanetriol from chiral spirodilactone

Päri, Malle; Lüll, M.; Paju, Anne; Pehk, Tõnis; Lopp, Margus International Conference on Organic Synthesis : Tallinn, Estonia, June 25-29, 2006 : program and abstracts 2006 / p. 129

Synthesis of 3-phenyl-2-hydroxy-2-cyclopenten-1-ones and their asymmetric oxidation

Jõgi, Artur; Paju, Anne; Pehk, Tõnis; Müürisepp, Aleksander-Mati; Kailas, Tiit; Lopp, Margus International Conference on Organic Synthesis : Tallinn, Estonia, June 25-29, 2006 : program and abstracts 2006 / p. 100

Synthesis of 4'-substituted 2', 3'-dideoxynucleoside analogues = 4'-asendatud 2', 3'-dideoksünukleosiidi analoogide süntees

Jõgi, Artur 2008 https://www.ester.ee/record=b2402245*est

Synthesis of chiral enantioenriched tetrahydrofuran derivatives

Niidu, Allan; Paju, Anne; Müürisepp, Aleksander-Mati; Kailas, Tiit; **Pehk, Tõnis**; Lopp, Margus Arkivoc 2009 / XIV, p. 39-52 <https://www.arkat-usa.org/get-file/32420/>

Synthesis of new N-tetrasubstituted derivatives of R,R-tartaric acid and their use as chiral ligands in oxidation catalysts

Synthesis of γ -keto sulfones by copper-catalyzed oxidative sulfonylation of tertiary cyclopropanols

Konik, Yulia A.; **Elek, Gabor Zoltan; Kaabel, Sandra; Järving, Ivar; Lopp, Margus; Kananovich, Dzmitry** Organic & biomolecular chemistry 2017 / p. 8334-8340 : ill <http://dx.doi.org/10.1039/C7OB01605K>

ZrC-based and ZrC-doped composites for high-temperature and wear applications = ZrC baasil ja ZrC-ga legeritud komposiitmaterjalid rakendusteks kõrgtemperatuursetes ja kulumistingimustes

Yung, Der-Liang 2016 http://www.estee.ee/record=b4621174*est

Template synthesis of titanium dioxide coatings and determination of their photocatalytic activity by aqueous oxidation of humic acid

Budarnaja, Olga; Klauson, Deniss; Dedova, Tatjana; Kärber, Erki; Viljus, Mart; Preis, Sergei Kinetics and catalysis 2014 / p. 688-694 : ill

TG-FTIR analysis of oxidation kinetics of some solid fuels under oxy-fuel conditions

Meriste, T.; **Yörük, Can Rüstü; Trikkel, Andres; Kuusik, Rein, keemik** ICTAC 15 - 15th International Congress on Thermal Analysis and Calorimetry : August 20-24, 2012, Osaka 2012 <https://link.springer.com/article/10.1007/s10973-013-3063-x>

TG-FTIR analysis of oxidation kinetics of some solid fuels under oxy-fuel conditions

Meriste, Tõnis; **Yörük, Can Rüstü; Trikkel, Andres; Kaljuvee, Tiit; Kuusik, Rein, keemik** Journal of thermal analysis and calorimetry 2013 / p. 483-489 : ill

TG-FTIR/MS analysis of thermal and kinetic characteristics of some coal samples

Kaljuvee, Tiit; Keelman, Merli; Trikkel, Andres; Petkova, Vilma Journal of thermal analysis and calorimetry 2013 / p. 1063-1071 : ill

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 influence of ferrous/ferric ions on the efficiency of photocatalytic oxidation of pollutants in groundwater

Klauson, Deniss; **Portjanskaja, Elina; Katšina, Anna; Kritševskaja, Marina; Preis, Sergei; Kallas, Juha** Environmental technology 2005 / 6, p. 653-662

The influence of iron ions on the aqueous photocatalytic oxidation of deicing agents

Klauson, Deniss; Preis, Sergei International journal of photoenergy 2007 / [7] p

The influence of iron ions on the aqueous photocatalytic oxidation of de-icing agents

Klauson, Deniss; Preis, Sergei Book of abstracts : the 1st European Conference on Environmental Applications of Advanced Oxidation Processes : Crete, Chania, September 7-9, 2006 2006 / p. 61

The influence of iron ions on the aqueous photocatalytic oxidation of de-icing agents

Klauson, Deniss; Preis, Sergei Proceedings of the 1st European Conference on Environmental Applications of Advanced Oxidation Processes : Chania, Greece, September 7-9, 2006 2006 / ? p

The influence of iron ions on the efficiency of aqueous photocatalytic oxidation of organic pollutants

Klauson, Deniss; **Portjanskaja, Elina; Kritševskaja, Marina; Katšina, Anna; Preis, Sergei; Kallas, Juha** 6th European Meeting Environmental Chemistry : December 6-10, 2005, Belgrade, Serbia and Montenegro 2005 / p. 230

The influence of titanium dioxide modifications on photocatalytic oxidation of lignin and humic acids

Portjanskaja, Elina; Stepanova, Kristina; Klauson, Deniss; Preis, Sergei Catalysis today 2009 / 1/2, p. 26-30 : ill <https://www.sciencedirect.com/science/article/abs/pii/S0920586109000029>

The Lille-Blokker model – an excellent tool to describe the structure of kukersite

Mets, Birgit; Kaldas, Kristiina; Uustalu, Jaan Mihkel; Lopp, Margus Oil shale 2023 / p. 234-243 <https://doi.org/10.3176/oil.2023.3.04>

The stability of dicarboxylic acids in subcritical wet air oxidation (wao) conditions [Online resource]

Kaldas, Kristiina; Preegel, Gert; Muldma, Kati; Lopp, Margus Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p.: ill <http://fmtdk.ut.ee/teesid-2019/>

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

The use of lipid oxidation indicators to assess the quality deterioration of potato chips during accelerated shelf-life tests

Leppik, Kärt; Lang, Hanna; Kuhtinskaja, Maria; Rosenvald, Sirli Journal of Food Stability 2022 / p. 1-20

<https://doi.org/10.36400/J.Food.Stab.5.2.2022-0015> <https://www.ajol.info/index.php/jfs/article/view/233766>

Thermodynamic and kinetic study of CaS in aqueous systems

Tamm, Kadriann; Uibu, Mai; Kallas, Juha; Kallaste, Priit; Velts-Jänes, Olga; Kuusik, Rein, keemik Fuel processing technology

2016 / p. 242-249 : ill <http://dx.doi.org/10.1016/j.fuproc.2015.10.029>

3-alkylcyclopentane-1,2-diones in asymmetric oxidation and alkylation reactions = 3-alküülsüklopentaan-1,2-dioonid asümmeetrilistes oksüdeerimis- ja alküleerimisreaktsioonides

Reile, Indrek 2012 http://www.ester.ee/record=b2756921*est

Treatment of landfill leachates: aerobic biooxidation and post-ozonation

Kamenev, Inna; Pikkov, Lui; Kallas, Juha Proceedings of the Estonian Academy of Sciences. Chemistry 2002 / 2, p. 118-125

Tsefriaksooni 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

Tsükliliste ketoonide võrdlev Baeyer-Villiger'i asümmeetriline oksüdeerimine

Kriis, Kadri; Kanger, Tõnis; Paju, Anne; Ilmarinen, Kaja; **Pehk, Tõnis; Lopp, Margus** XXV Eesti keemiapäevad :

teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 58-59

1,2-tsükloalkaandioonide asümmeetriline oksüdatsioon

Paju, Anne; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 124-125

Tsüklobutanoonide oksüdatsioon Sharplessi modifitseeritud reagentiga

Kriis, Kadri; Kanger, Tõnis; Paju, Anne; Pehk, Tõnis; Lopp, Margus XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 56

Two-billion-year-old evaporites capture Earth's great oxidation

Blättler, C.L.; Kirsimäe, Kalle; Kreitsmann, Timmu; Lepland, Aivo Science 2018 / p. 320-323 <https://doi.org/10.1126/science.aar2687>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A two-step model for assessing the potential of shale-derived chemicals by oxidation of kukersite

Mets, Birgit; Lopp, Margus; Uustalu, Jaan Mihkel; Muldma, Kati; Niidu, Allan; Kaldas, Kristiina Oil shale 2023 / p. 344-362

<https://doi.org/10.3176/oil.2023.4.04>

Täiustatud oksüdatsiooniprotsessid 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

Täiustatud oksüdatsiooniprotsessid aromaatsete ja polüaromaatsete süsivesinike lagundamiseks : kineetika ja reaktsiooniproduktid

Trapido, Marina; Veressinina, Jelena XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 137-139

Täiustatud oksüdatsiooniprotsessid põlevkivitööstuse heitvete eel- ja järeltöötlemisel

Kamenev, Sven; Preis, Sergei; Kallas, Juha; Munter, Rein XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 41-43

Ultra thin Al₂O₃ films grown on Ni₃Al(1 0 0)

Podgurski, Vitali; Costina, Ioan; Franchy, R. Applied surface science 2003 / p. 29-36 : ill

<https://www.sciencedirect.com/science/article/pii/S0169433202008024>

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

U-Th chronology and formation controls of methane-derived authigenic carbonates from the Hola trough seep area, northern Norway

Sauer, Simone; Cremiere, Antoine; Knies, Jochen; Lepland, Aivo; Martma, Tõnu Chemical geology 2017 / p. 164-179 : ill

<https://doi.org/10.1016/j.chemgeo.2017.09.004>

Uus osoonimismeetod puhastab vett antibiootikumijääkidest

Water delignification by advanced oxidation processes : homogeneous and heterogeneous Fenton and H₂O₂ photo-assisted reactions

Makhotkina, O.; **Preis, Sergei**; Parkhomchuk, E. Applied catalysis B : environmental 2008 / 3/4, p. 821-826 : ill <https://www.sciencedirect.com/science/article/pii/S0926337308002348>

Wet air oxidation of oil shale = Põlevkivi oksüdeerimine vees hapniku mõjul

Kaldas, Kristiina 2021 https://www.ester.ee/record=b5472528*est <https://digikogu.taltech.ee/et/Item/7b9a99ef-0748-4eef-beb7-9f0ac88f5ddb> <https://doi.org/10.23658/taltech.59/2021>

Wet air oxidation of oil shales: kerogen dissolution and dicarboxylic acid formation

Kaldas, Kristiina; Preegel, Gert; Muldma, Kati; Lopp, Margus ACS omega 2020 / p. 22021-22030 <https://doi.org/10.1021/acsomega.0c01466> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wet air oxidation of oil shales-factors affecting dicarboxylic acids formation

Kaldas, Kristiina; Preegel, Gert; Muldma, Kati; Lopp, Margus GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 37 <http://fntdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Wet oxidation of debarking water : changes in lignin content and biodegradability

Kindsigo, Merit; **Kallas, Juha** Environmental chemistry letters 2009 / 2, p. 121-126

Wet oxidation of paper mill evaporation concentrates

Roosalu, Kati; Verenich, Svetlana; **Kallas, Juha** International conference EcoBalt 2003 : Riga, Latvia, 2003 : book of abstracts. Volume 1 2003 / p. I-27 - I-28 <https://lutpub.lut.fi/handle/10024/35063?show=full>

Wet oxidation of recalcitrant lignin water solution : experimental and reaction kinetics [Electronic resource]

Kindsigo, Merit; Hautaniemi, Marjaana; **Kallas, Juha** Environmental Applications of Advanced Oxidation Processes : Chania, September 7-9, 2006 : book of abstracts 2006 / [CD-ROM] <https://link.springer.com/article/10.1007/s10311-008-0151-4>

Wich is the best oxidant for complexed iron removal from groundwater : the Kogalym case

Munter, Rein; Overbeck, P.; Sutt, Johannes 2007 World Congress on Ozone and Ultraviolet Technologies : August 27-29, 2007, Los Angeles, California USA 2007 / p. Abs.57

Visible light-assisted photocatalytic oxidation of organic pollutants using nitrogen-doped titania

Klauson, Deniss; Portjanskaja, Elina; Preis, Sergei Environmental chemistry letters 2008 / 1, p. 35-39

Visible-light-sensitive photocatalysts for oxidation of organic pollutants and hydrogen generation = Fotokatalüsaatorid orgaaniliste saasteainete fotokatalüütiliseks oksüdatsiooniks ja vesiniku tootmiseks nähtavas valguses

Budarnaja, Olga 2014 <https://digi.lib.ttu.ee/i/?1072>

Xylidine polluted groundwater treatment by means of advanced oxidation processes

Kallas, Juha; Reinik, Janek; Jakobsson, Kaj 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. 364-367

Xylidine-polluted groundwater purification. Ozonation and catalytic wet oxidation

Reinik, Janek; Kallas, Juha Proceedings of the Estonian Academy of Sciences. Chemistry 2004 / 3, p. 97-115 : ill

Анализ сульфидов меди разных степеней окисления вольтампериметрии с пастовым электродом

Vidrevitš, Marina; Uritskaja, Alla; Kitajev, G.; **Mellikov, Enn; Krunks, Malle** Заводская лаборатория : ежемесячный научно-технический журнал 1984 / с. 17-19

Аналитическое описание температурно-временной зависимости процесса окисления стали

Trunin, I.; Tjulpin, K.; **Ots, Arvo** Влияние минеральной части энергетических топлив на условия работы парогенераторов : материалы Всесоюзной конференции. Том 3Б, Высокотемпературная коррозия поверхностей нагрева 1974 / с. 10-18 Ю илл., таб https://www.ester.ee/record=b1294620*est

Влияние pH на окисление озонот замещенных ароматических соединений в водной среде

Munter, Rein; Preis, Sergei; Kamenev, Sven; Siirde, Enno; Looerts, Hilja Химия и технология воды : научно-технический ежемесячный журнал 1984 / с. 139-141 : ил., табл https://www.ester.ee/record=b1833703*est

Влияние неорганических примесей на скорость биоокисления фенолов

Hannus, Maila; Kirso, Uuve; Leesment, Liidia Eesti NSV Teaduste Akadeemia toimetised. Keemia. Geoloogia = Известия Академии наук Эстонской ССР. Химия. Геология 1973 / с. 82-84 https://www.ester.ee/record=b1264554*est

Влияние окисления серы на образование окислов азота в процессе горения топлива

Ots, Arvo; Jegorov, Dimitri; Saar, Karl Окислы азота в продуктах сгорания топлив : Сборник научных трудов 1981 / с. 50-52

Дезоксидация и рекристаллизация "люминофорного" CdS при его прокаливании в H₂ и H₂S

Veel, Ene; Krunks, Malle; Hiie, Jaan; Mellikov, Enn; Tünn, Leo Полупроводниковые материалы. 3 1976 / с. 133-138 : илл

https://www.ester.ee/record=b1403374*est <https://digikogu.taltech.ee/et/Item/5f8fd05c-ff69-4315-9d64-1d9c9611667b>

Изучения в структуре и свойствах полиэтилена, происходящих при его окислении

Metlitskaja, Olga Современные проблемы физической химии : всесоюзная конференция молодых ученых, Москва, 17-20 нояб. 1980 г. : тезисы докладов 1980 / с. 33-34

Исследование влияния pH на окисление ароматических соединений озоном

Munter, Rein; Siirde, Enno Всесоюзный семинар по химии озона (15-17 июня 1981 г., г. Тбилиси) : тезисы докладов 1981 / с. 127-128

Исследование гидродинамических условий аэрации и окислительной способности аэротенка-отстойника БИО-25

Mölder, Heino; Ostrat, Aime Сборник статей по санитарной технике. 8 1972 / с. 3-10 : илл https://www.ester.ee/record=b2085069*est <https://digikogu.taltech.ee/et/Item/67a1c9b6-c10c-4843-9d90-1f0bf1e601ba>

Исследование каталитической окислительной деструкции углеводородов и кислородных соединений.

Сообщение 1 : Исследование каталитического окисления пентана на катализаторе VO₂ в газовой фазе

Raudsepp, Hugo; Einborn, Illi Технология органических веществ. 1 1969 / с. 73-84 : илл https://www.ester.ee/record=b1337236*est <https://digikogu.taltech.ee/et/Item/d6e3c08c-1c99-48a8-ae34-e91a3f1c8d0d>

Исследование каталитической окислительной деструкции углеводородов и кислородных соединений.

Сообщение 2 : Исследование каталитического окисления некоторых карбоновых кислот кислородом воздуха в газовой фазе на катализаторе двуокиси ванадия

Raudsepp, Hugo; Uibopuu, Helvi Технология органических веществ. 1 1969 / с. 85-93 : илл https://www.ester.ee/record=b1337236*est <https://digikogu.taltech.ee/et/Item/d6e3c08c-1c99-48a8-ae34-e91a3f1c8d0d>

Исследование каталитической окислительной деструкции углеводородов и кислородных соединений.

Сообщение 3 : Исследование гетерогенного каталитического окисления пропана на катализаторе VO₂

Raudsepp, Hugo; Einborn, Illi Технология органических веществ. 3 1970 / с. 3-10 https://www.ester.ee/record=b1475714*est <https://digikogu.taltech.ee/et/Item/fcbf4feb-b620-4ce2-afd4-b68afd951e1/>

Исследование каталитической окислительной деструкции углеводородов и кислородных соединений.

Сообщение 6 : Исследование катализаторов окисления углеводородов в газовой фазе

Raudsepp, Hugo; Mikkal, Maret-Elo; Raudsepp-Olm, L. Технология органических веществ. 3 1970 / с. 35-43 : илл https://www.ester.ee/record=b1475714*est <https://digikogu.taltech.ee/et/Item/fcbf4feb-b620-4ce2-afd4-b68afd951e1/>

Исследование каталитической окислительной деструкции углеводородов и кислородных соединений.

Сообщение 21 : Исследование возможностей синтеза муравьиной и пропионовой кислот газозофазным каталитическим окислением углеводородов

Einborn, Illi; Raudsepp, Hugo Технология органических веществ. 8 1976 / с. 3-9 https://www.ester.ee/record=b1475761*est <https://digikogu.taltech.ee/et/Item/38b2a836-99da-4b82-8058-1c2084a10575>

Исследование каталитической окислительной деструкции углеводородов и кислородных соединений.

Сообщение 22 : Исследование окисления некоторых кислородных соединений в газовой фазе на двуокиси ванадия

Einborn, Illi; Raudsepp, Hugo; Arm, Maire-Barbara Технология органических веществ. 8 1976 / с. 11-17 https://www.ester.ee/record=b1475761*est <https://digikogu.taltech.ee/et/Item/38b2a836-99da-4b82-8058-1c2084a10575>

Исследование окисления газообразных предельных углеводородов на окиснованадиевых катализаторах : автореферат ... кандидата технических наук

Mikkal, Maret-Elo 1966 http://www.ester.ee/record=b1528208*est

Исследование окисления некоторых углеводородов на катализаторе двуокиси ванадия : автореферат... кандидата технических наук (05.17.04)

Einborn, Illi 1973 http://www.ester.ee/record=b3555390*est

Исследование окисления фенолов в присутствии комплексообразователя

Süld, Tiia-Maaja I республиканская конференция молодых ученых-химиков, 20-22 мая 1975 года : тезисы докладов 1975 / с.71-72 https://www.ester.ee/record=b1309964*est

Исследование процесса окисления углеводородов (сообщение 1)

Mikkal, Maret-Elo; Raudsepp, Hugo Сборник статей по химии и химической технологии. 12 1965 / с. 49-60
https://www.ester.ee/record=b2182032*est <https://digikogu.taltech.ee/et/Item/cc98a110-70ff-45fd-9a24-57acf33fc031>

Исследование спектральной нормальной степени черноты окисленных сталей

Viilmann, Illar; Unt, U. XXV студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 21-23 апреля 1981 года : тезисы докладов. Том 2, Автоматика. Энергетика. Механика. Химия 1981 / с. 95 https://www.ester.ee/record=b1322629*est

Источник стабилизированного тока для анодного окисления полупроводников

Gavrilov, Aleksei Приборы и техника эксперимента 2004 / 1, с. 160-161 : ил

К вопросу определения серебра кинетическим методом по реакции окисления марганца (II) персульфат ионом

Pets, Lidia Процессы и аппараты химической технологии и технология неорганических веществ. 3 1972 / с. 79-86 : илл
https://www.ester.ee/record=b1531312*est <https://digikogu.taltech.ee/et/Item/e448e56a-a020-4c7c-8723-e0214721d71b/>

Кинетика окисления сернистых соединений, содержащихся в твердом остатке термической переработки эстонских сланцев

Mölder, Leevi; Rohla, Ilme; Tamvelius, Hindrek; Elenurm, Alfred Химия твердого топлива 1999 / 5, с. 66-72

Кинетика окисления фенолов в водных растворах молекулярным кислородом и под действием электрических разрядов : автореферат ... кандидата химических наук

Kirso, Uue 1967 https://www.ester.ee/record=b1547778*est

Кинетика окисления фенолов в водных растворах молекулярным кислородом и под действием электрических разрядов : диссертация на соискание ученой степени кандидата химических наук

Kirso, Uue 1967 https://www.ester.ee/record=b2965663*est

Кинетика совместного биохимического окисления 3,4-бензпирена и фенолов на адаптированных активных илах

Hannus, Maila; Kirso, Uue; Gubergits, Mark Eesti NSV Teaduste Akadeemia toimetised. Keemia. Geoloogia = Известия Академии наук Эстонской ССР. Химия. Геология 1975 / с. 240-242 https://www.ester.ee/record=b1264554*est

Комбинированные процессы окисления как возможность очистки сточных вод сланцевой промышленности Эстонии

Trapido, Marina; Munter, Rein; Veressinina, Jelena Третий международный конгресс "Вода: экология и технология" : "ЭКВАТЭК-98", Москва, 25-30 мая 1998 г. : тезисы докладов 1998 / с. 466-467

Коррозионные свойства фенольных и сточных вод сланцеперерабатывающей промышленности и возможности применения этих вод для технических нужд : автореферат ... кандидата технических наук (353)

Türkson, Heino 1972 https://www.ester.ee/record=b1523287*est

Лабораторное исследование кинетики окисления котельных сталей в среде продуктов сгорания сланцев

Õik, Ilmar; Tomann, Elvi; Ots, Arvo Теплоэнергетика : сборник статей. 12 1971 / с. 3-19 : илл
https://www.ester.ee/record=b2190313*est <https://digikogu.taltech.ee/et/Item/b5d52827-852f-4b06-9011-e964baabd316/>

Лабораторные исследования биохимического окисления сахарозы в воде р. Лейвайыги

Köstner, Ado; Rimmel, Vööbe; Aarma, M. Сборник статей по санитарной технике. 4 1967 / с. 131-139
https://www.ester.ee/record=b2085120*est <https://digikogu.taltech.ee/et/Item/70078b22-eb0f-463d-b740-5f540d9bbb18>

Математическое моделирование процесса низкотемпературного окисления поверхности полиэтилена

Piiraja, Eduard; Rajalo, Guido; Kirjanen, I. Окисление и окрашивание углеводородных полимеров 1979 / с. 65-71

Низкотемпературное окисление поверхности полиэтилена при действии пламени газовой горелки

Kalvik, R.; Ebber, Arkadi; Harina, I.A.; Kormoš, V.; Piiraja, Eduard, juhendaja Окисление и окрашивание углеводородных полимеров 1979 / с. 3-18

Низкотемпературное окисление поверхности полиэтилена при травлении хромовой кислотой

Pajula, S.; Künnapä, K.; Hinno, T.; Balog, S.N.; Piiraja, Eduard, juhendaja Окисление и окрашивание углеводородных полимеров 1979 / с. 27-38

Низкотемпературное окисление полиэтилена

Piiraja, Eduard; Suup, S. XXV студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 21-23 апреля 1981 года : тезисы докладов. Том 2, Автоматика. Энергетика. Механика. Химия 1981 / с. 190-191 https://www.ester.ee/record=b1322629*est

Низкотемпературное окисление полиэтилена низкой и высокой плотности

Piiraja, Eduard; Dankovič, A. Окисление и окрашивание углеводородных полимеров 1979 / с. 19-25

Низкотемпературное окисление полиэтилена низкой плотности

Piiraja, Eduard Полимерные материалы и их исследование : Материалы... респ. науч.-техн. конференции. Вып.17 : Тезисы докладов XVII республиканской научно-технической конференции, посвященной новым полимерным материалам и их эффективному использованию в народном хозяйстве 1984 / с. 35-36

О биохимическом окислении вещества загрязнения в реках (I сообщение)

Velner, Harald-Adam; Plats, Rein Сборник статей по санитарной технике. 4 1967 / с. 91-98 : илл

https://www.ester.ee/record=b2085120*est <https://digikogu.taltech.ee/et/Item/70078b22-eb0f-463d-b740-5f540d9bbb18>

О влиянии скорости течения воды на окисление органического вещества

Plats, Rein Сборник статей по санитарной технике. 6 1970 / с. 115-119 : илл https://www.ester.ee/record=b2085097*est

<https://digikogu.taltech.ee/et/Item/6aaacbd0-60a7-4bdf-bbd4-fb7848aec7f9/>

О жаростойкости некоторых марганцовистых сталей под влиянием золы сланцев

Tomann, Elvi; Ots, Arvo Влияние минеральной части энергетических топлив на условия работы парогенераторов : материалы Всесоюзной конференции. Том 3Б, Высокотемпературная коррозия поверхностей нагрева 1974 / с. 130-140 : илл

https://www.ester.ee/record=b1294620*est

О низкотемпературном окислении поверхности полиэтилена

Piiraja, Eduard; Granat, N.A.; Pajula, S. Полимерные материалы и их исследование : материалы XV республиканской научно-технической конференции 1978 / с. 16-17 https://www.ester.ee/record=b2359444*est

О низкотемпературном окислении полиэтилена

Piiraja, Eduard; Granat, N.A.; Pajula, S.; Dankovič, A. Международный симпозиум по макромолекулярной химии = International symposium on macromolecular chemistry, СССР, Ташкент, 17-21 окт. 1978 г. Т. 4 1978 / с. 154-155

Об окислении некоторых индивидуальных фенолов в щелочной среде

Aarna, Agu; Kiisler, Karl; Paluoja, Vilma Сборник статей по химии и технологии горючего сланца. 5 1958 / с. 66-77 : илл

https://www.ester.ee/record=b2181274*est <https://digikogu.taltech.ee/et/Item/d4787728-120d-40c7-8299-c6997abc3167>

Об окислении низших углеводов кислородом окисей металлов

Raudsepp, Hugo; Mikkal, Maret-Elo Сборник статей по химии и химической технологии. 9 1962 / с. 109-116

https://www.ester.ee/record=b2181586*est <https://digikogu.taltech.ee/et/Item/d0996552-6e32-425c-a38e-d8f33ab8faf6>

Окисление ароматических азотсодержащих соединений озонем

Tearo, Jelena XXVII студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 19-21 апреля 1983 г. : тезисы докладов. Часть 3 1983 / с. 115 https://www.ester.ee/record=b1571572*est

Окисление ароматических соединений применением четырехоксида рутения

Karik, Hergi Технология органических веществ. 3 1970 / с. 71-76 : илл https://www.ester.ee/record=b1475714*est

<https://digikogu.taltech.ee/et/Item/fcbf4feb-b620-4ce2-afd4-b68afdf951e1/>

Окисление керогена сланца молекулярным кислородом

Alumäe, Tamara 1954 http://www.ester.ee/record=b2134984*est

Окисление керогена сланца молекулярным кислородом : автореферат ... кандидата технических наук

Alumäe, Tamara 1954 http://www.ester.ee/record=b1394897*est

Окисление компонентов системы TiC-Fe-Cr при предварительном спекании порошковой карбидостали

Kübarsepp, Jakob Порошковая металлургия = Powder metallurgy : ежемесячный научно-технический журнал 1988 / с. 43-47 : рис., таб https://www.ester.ee/record=b1645489*est

Окисление молекул полиэтилена

Piiraja, Eduard Tallinna Tehnikaülikooli Toimetised 1990 / lk. 31-38: ill

Окисление окиси азота перманганатом калия

Kann, Jüri; Kalve, Raivo; Kass, A. Технология пищевых производств. 6 1976 / с. 65-69 : илл

https://www.ester.ee/record=b1182279*est <https://digikogu.taltech.ee/et/Item/b776e312-51e7-4e92-af0d-41e1141cf2af>

Окисление поверхности полиэтилена газовым пламенем

Viikna, Anti; Kirjanen, I.; Rajalo, Guido; Piiraja, Eduard Tallinna Tehnikaülikooli Toimetised 1990 / lk. 17-30: ill

Окисление поверхности полиэтилена травлением хромовой кислотой

Viikna, Anti; Kirjanen, I.; Rajalo, Guido; Piiraja, Eduard Tallinna Tehnikaülikooli Toimetised 1990 / lk. 3-16

Окисление сланцевых алкилрезорцинов в присутствии комплексообразователя

Aarna, Agu; Süld, Tiia-Maaja; Kiisler, Karl; Vares, M. Технология органических веществ. 7 1975 / с. 9-17 : илл

https://www.ester.ee/record=b1475739*est <https://digikogu.taltech.ee/et/Item/0a7a2b23-8888-4a7a-8f05-69664566747d>

Окисление смеси ксилолов для получения ароматических дикарбоновых кислот : автореферат ... кандидата технических наук (05.17.04)

Velitskaja, Olga 1974 http://www.ester.ee/record=b1329179*est

Окисление смеси ксилолов для получения ароматических дикарбоновых кислот : диссертация ... кандидата технических наук по специальности 05.17.04 - технология тяжелого /или основного/ органического синтеза

Velitskaja, Olga 1973 http://www.ester.ee/record=b2307432*est

Опытно промышленное освоение производства малеинового ангидрида контактным окислением фурфурола в паро-газовой фазе кислородом воздуха : автореферат ... кандидата технических наук

Muša, Žanis 1973 http://www.ester.ee/record=b2123420*est

Опытно промышленное освоение производства малеинового ангидрида контактным окислением фурфурола в паро-газовой фазе кислородом воздуха : диссертация ... кандидата технических наук

Muša, Žanis 1973 http://www.ester.ee/record=b2307564*est

Применение анодного окисления при исследовании электрофизических характеристик полупроводниковых структур "кремний на изоляторе"

Gavrilov, Aleksei Tallinna Tehnikaülikooli Toimetised 1990 / lk. 53-59: ill

Применение метода периодатного окисления к изучению гидроксильных групп керогена кукурсита

Nekrasov, V.; Urov, Kaarli Технология органических веществ. 4 1971 / с. 79-83 : илл https://www.ester.ee/record=b1426989*est

<https://digikogu.taltech.ee/et/Item/6cf05bc0-20ed-4094-8c16-49aab62a9010>

Сборник статей по химии и химической технологии

Silland, Harald; Kalvik, Riina; Ebber, Arkadi; Harina, I.A.; Kormoš, V.; Piiraja, Eduard; Dankovitš, A.; Pajula, S.; Künnapä, K.;

Hinno, T.; Balog, S.N.; Oidram, Rein; Rajalo, Guido; Kirjanen, I.; Einborn, Illi; Tiikma, Laine; Granat, S.A.; Granat, N.A. 1979

https://www.ester.ee/record=b1271134*est

Термическое окисление полиэтилене

Piiraja, Eduard Пластические массы = Journal of the plastic compounds = Zeitschrift für plastische Massen 1988 / с. 61

https://www.ester.ee/record=b1953289*est

Установка для многократного анодного окисления полупроводников

Gavrilov, Aleksei Электрофизические свойства полупроводниковых и диэлектрических материалов 1986 / с. 73-78

Химический синтез и влияние олигомеров 16, 16-диметил-15-кето аналога простагландина В1 на окислительное фосфорилирование в митохондриях : автореферат ... кандидата химических наук (02.00.03)

Martin, Ivar 1991 https://www.ester.ee/record=b1205941*est