A new oxidation/filtration technology for groundwater treatment
Munter, Rein; Ojaste, Heldi; 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.surfin.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** Proceedings of International Ozone Association Regional Conference, Zurich, 31 August-2 September 1994 1994 / p. 187-204: ill

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) - a water treatment technology for the 21-st Century
Munter, Rein "Environmental Impact and Water Management in a Catchment Area Perspective" : 24-26 September, 2001, Tallinn, Estonia : proceedings of the Symposium dedicated to the 40th Anniversary of Institute of Environmental Engineering at Tallinn Technical University 2001 / p. 212-222

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 postreatment
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 degradation of 2,4,6-trinitrophenol - what is the best solution?
Trapido, Marina; **Goi, Anna** Proceedings of the 15th Ozone World Congress : London, United Kingdom, 11th - 15th September 2001 : oral presentations. Vol. II 2001 / p. 245-255 : ill

Advanced oxidation processes for 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; **Viiroja, 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 2003 http://www.ester.ee/record=b1782585*est

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 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; **Viiroja, 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; **Viiroja, 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://fmtdk.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.; **Aydinyan, 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 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An XPS and SIMS study of adhesive polypyrrole film on chemically oxidized titanium
Idla, Katrin; Johansson, L.-S.; Campbell, J.M.; Inganäs, Olle 8th European Conference on Applications of Surface and Interface Analysis : 4th-8th October 1999, Sevilla, Spain : abstracts 1999 / p. 334
https://www.researchgate.net/publication/260133505_An_XPS_and_SIMS_study_of_adhesive_polypyrrole_film_on_chemically_oxidized_titanium

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 phylogenic 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 bromide oxidized with pulsed corona discharge
Petrochenko, Irina; **Preis, Sergei** Journal of electrostatics 2024 / art. 103978 https://doi.org/10.1016/j.elstat.2024.103978

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 https://doi.org/10.1515/jaots-2013-0203 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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 https://doi.org/10.2478/s11532-013-0290-8 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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 3-alkyl-1,2-cyclopentanediones
Paju, Anne; **Kanger, Tõnis**; **Pehk, Tõnis**; **Lopp, Margus** International Conference on Organic Synthesis : Vilnius, 2000, June 26-29 : program and abstracts 2000 / p. 64

Asymmetric oxidation of 3-alkyl-1,2-cyclopentanediones. Part 1, 3-hydroxylation of 3-alkyl-1,2-cyclopentanediones
Paju, Anne; **Kanger, Tõnis**; **Pehk, Tõnis**; **Müürisepp, Aleksander-Mati**; **Lopp, Margus** Tetrahedron : asymmetry 2002 / p. 2439-2448 https://www.sciencedirect.com/science/article/pii/S095741660200589X

Asymmetric oxidation of 3-alkyl-1,2-cyclopentanediones. Part 2, Oxidative ring cleavage of 3-alkyl-1,2-cyclopentanediones : synthesis of 2-alkyl-[gamma]-lactone acids
Paju, Anne; **Kanger, Tõnis**; **Pehk, Tõnis**; Lindmaa, Rasmus; **Müürisepp, Aleksander-Mati**; **Lopp, Margus** Tetrahedron : asymmetry 2003 / p.1565-1573 https://www.sciencedirect.com/science/article/pii/S0957416603003094

Asymmetric oxidation of 3-alkyl-1,2-cyclopentanediones. Part 3, Oxidative ring cleavage of 3-hydroxyethyl-1,2-cyclopentanediones : synthesis of [alfa]-hydroxy-[gamma]-lactone acids and spiro-[gamma]-dilactones
Paju, Anne; **Kanger, Tõnis**; **Niitsoo, Olivia**; **Pehk, Tõnis**; **Müürisepp, Aleksander-Mati**; **Lopp, Margus** Tetrahedron : asymmetry 2003 / p. 2393-2399

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**; **Päri, 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, Tiiu**; **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, Antverpen, 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; **Viiroja, 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

Characterization of oil shale ash dump waste water and effect of advanced oxidation techniques to its chemical composition
Tuhkanen, Tuula; **Maripuu, Lea**; Vartiainen, Matti; **Munter, Rein** Environmental Protection Strategy Standardization and Control of Pollution Load on the Marine Environment : 1st International Conference, 20-24 September 1993, Tallinn, Estonia : abstracts 1993 / p. 29-30

Chemical and biochemical oxidation in wastewater treatment technology : mass transfer and reaction kinetics
Kamenev, Inna; **Viiroja, 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 chlorinated hydrocarbons in soil utilising peroxygene chemicals, different activation aids and biosurfactant
Goi, Anna; **Viisimaa, Marika** Intersol'2012 : International Conference-Exhibition on Soils, Sediments and Water : 27 au 30 mars 2012, Paris-Sud, France 2012 / [4] p.: ill

Chemical oxidation of ferrous iron in aqueous solutions and groundwater samples
Munter, Rein; **Trapido, Marina**; **Veressinina, Jelena**; **Kallas, Juha** Proceedings of the Estonian Academy of Sciences. Chemistry 1999 / 4, p. 174-181: ill

Chemicals and lignin from black liqour 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 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 Akmehmet; **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 https://artiklid.elnet.ee/record=b2816468*est Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A comparative study of asymmetric Baeyer-Villiger oxidation of cyclic ketones
Kanger, Tõnis; **Kriis, Kadri**; **Paju, Anne**; **Kallas, Kaja**; **Pehk, Tõnis**; **Lopp, Margus** 10th IUPAC Symposium on Organo-Metallic Chemistry directed towards Organic Synthesis : 18-22 July, 1999, Versailles (France) : final program 1999 / p. P232

Comparision of ozonation and wet oxidation for the removal of lipophilic wood extractives from paper mill circulation water
Laari, A.; Korhonen, Susanna; Tuhkanen, Tuula; Edelmann, K.; Verenich, Svetlana; Bankier, Siret; **Kallas, Juha** Proceedings of the

International Conference on Applications of Ozone and also on UV and Related Ozone Technologies (in conjuction with IUVA) : AT Wasser Berlin 2000 : October 23-26 2000 / p. 111-124 https://www.tandfonline.com/doi/abs/10.1080/01919510108962023

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

Comparison of sulfate-reducing and conventional Anammox upflow anaerobic sludge blanket reactors
Rikmann, Ergo; Zekker, Ivar; Tomingas, Martin; Vabamäe, Priit; Kroon, Kristel; Saluste, Alar; Tenno, Taavo; Menert, Anne; Rubin, Sergio S.C. Journal of bioscience and bioengineering 2014 / p. 426-433 : ill https://doi.org/10.1016/j.jbiosc.2014.03.012 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Corrigendum to Improvement in iron activation ability of alachlor Fenton-like oxidation by ascorbic acid [Chem. Eng. J. 281 (2015) 566-574] Doi: 10.1016/j.cej.2015.06.115
Bolobajev, Juri; **Trapido, Marina**; **Goi, Anna** Chemical Engineering Journal 2016 / p. 19 https://doi.org/10.1016/j.cej.2015.11.001 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Corrosion failure of columnar TiN layer by enhanced anodic oxidation
Rudenja, Sergei; **Kulu, Priit**; **Mikli, Valdek** Abstracts of MRS Meeting : San-Fransisco, USA, 2001 2001 / p. 331

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

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

Degradation of 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://fmtdk.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
https://doi.org/10.1016/j.cej.2015.05.054 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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

Degradation of 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

Deodoration of wastewater from alkyd resin synthesis
Preis, Sergei; **Hartšenko, Anna**; **Kritševskaja, Marina**; **Terentjeva, Jelena** 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 57

Destruction of toxic and carcinogenic aromatic compounds by advanced oxidation processes
Trapido, Marina; **Veressinina, Jelena**; **Kallas, Juha**; Hautaniemi, Marjaana; **Munter, Rein** The 1998 European Workshop on Water and Air Treatment by Advanced Oxidation Technologies : Innovative and Commercial Applications, EPFL, Lausanne, Switzerland, October 11-14, 1998 : abstracts 1998 / p. 46

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

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

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

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

Effect of 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 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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 Environmetal Applications of Advanced Oxidation Processes, Portorož - Portorose, 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 : NORDTRIB 2010 : 08.06-11.06.2010, Storforsen, Sweden 2010 / p. 0054 [CD-ROM]

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 https://doi.org/10.1016/j.triboint.2012.09.011 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Effect of the chiral catalyst in asymmetric Baeyer-Villiger oxidation of cyclic ketones
Kriis, Kadri; **Kanger, Tõnis**; **Paju, Anne**; Ilmarinen, Kaja; **Pehk, Tõnis**; **Lopp, Margus** International Conference on Organic Synthesis : Vilnius, 2000, June 26-29 : program and abstracts 2000 / p. 51

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 Journal metrics at Scopus Article at Scopus

800-Year ice-core record of nitrogen deposition in Svalbard linked to ocean productivity and biogenic emissions
Wendl, Isabel A.; Eichler, Anja; Isaksson, Elisabeth; **Martma, Tõnu**; Schwikowski, Margit Atmospheric Chemistry and Physics 2015 / p. 7287 - 7300 https://doi.org/10.5194/acp-15-7287-2015

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

Enabling ring-opening reaction of cyclopropanols with decatungstate anion photocatalysis
Krech, Anastasiya; **Kananovich, Dzmitry**; **Ošeka, Maksim** ISySyCat 2023 : International Symposium on Synthesis and Catalysis : Book of Abstracts 2023 / 1 p https://books.google.ee/books/about/ISySyCat_2023.html?id=wkVI0AEACAAJ&redir_esc=y

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; **Viiroja, 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

EQCM study enatioselective uptake of aspartic acid with overoxidized polypyrrole films
Sõritski, Vitali; Gyurcsanyi, Robert E.; **Reut, Jekaterina**; **Menaker, Anna**; Toth, K.; **Öpik, Andres** 56th International Meeting of Electrochemical Society (ISE2005) : book of abstracts 2005 / p. 965

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://fmtdk.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 aromaatse[te] amiinoühendite 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 https://artiklid.elnet.ee/record=b2374393*est

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

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. 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 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 https://doi.org/10.1016/j.cattod.2016.03.041 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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.; **Fedossejev, 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

Growth of ultra-thin amorphous Al2O3 films on CoAl(1 0 0)
Rose, V.; **Podgurski, Vitali**; Costina, Ioan; Franchy, R. Surface science 2003 / p. 128-136
https://www.sciencedirect.com/science/article/pii/S0039602803008914

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 https://doi.org/10.1016/j.tet.2014.03.104 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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 sliding wear of NiAl-based coatings reinforced by borides
Umanskyi, Oleksandr; Poliarus, Olena; Ukrainets Maksym; **Antonov, Maksim**; **Hussainova, Irina** Medziagotyra 2016 / p. 49 - 53
https://doi.org/10.5755/j01.ms.22.1.8093 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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**; **Raadik, Taavi**; **Kübarsepp, Jakob**; **Sergejev, Fjodor**; Lümkemann, 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

Hydrogen peroxide promoted wet oxidation of concentrated debarking process waters
Verenich, Svetlana; Roosalu, Kati; **Kallas, Juha** International Conference on Ozone in Global Water Sanitation, Amsterdam, the Netherlands, October 1st to October 3rd 2002 : proceedings 2002 / p. V-5-1 - V-5-15 : ill

Hydrolyse und Oxydation von Eisen- und Calciumsulfiden im wässrigen Medium
Elenurm, Alfred; **Mölder, Leevi**; Rohtla, Ilme Proceedings of the Estonian Academy of Sciences. Chemistry 1996 / 1/2, p. 30-41

Hydroxyl radical behavior in water treatment with gas-phase pulsed corona discharge
Ajo, Petri 2018 http://urn.fi/URN:ISBN:978-952-335-213-1

Improvement in iron activation ability of alachlor Fenton-like oxidation by ascorbic acid
Bolobajev, Juri; **Trapido, Marina**; **Goi, Anna** Chemical engineering journal 2015 / p. 566-574 : ill
https://doi.org/10.1016/j.cej.2015.06.115 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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 ferroud/ferric ions to the efficiency of aqueous photocatalytic oxidation of pollutants in groundwater
Klauson, 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
https://doi.org/10.1016/j.jece.2015.09.025 Journal metrics at Scopus Article at Scopus

Intensification of low-temperature oxidation of low-density polyethylene be gas flame
Piiroja, 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; Thomberg, Thomas; Härmas, Meelis; Härmas, 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://fmtdk.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 sulfhüdriilsete 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 https://www.ester.ee/record=b1761049*est

Keemilise oksüdatsiooni kasutamine pinnase töötlemisel järgneva biotaastamise parandamiseks
Trapido, Marina; **Goi, Anna**; **Kulik, Niina** XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 115-116

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; Mittelette, 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-dihüdroksütsüklopent-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-hüdroksü-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

Koroona-impulss elektrilahendus kui õhupuhastuse tehnoloogia
Bolobajev, Juri 2024 / lk. 30-32 : fot https://www.ester.ee/record=b1242496*est

Ligand‐tailored divergence of copper‐catalyzed aerobic oxidation of cyclopropanols
Zavalinich, Viktoryia A.; **Elek, Gabor Zoltan**; **Vailhe, Pauline**; Novikau, Ilya; Syakhovich, Vitaly; Kirillov, Alexander M.; **Lopp, Margus**; **Masiuk, Uladzimir**; **Kananovich, Dzmitry** Advanced synthesis & catalysis 2024 https://doi.org/10.1002/adsc.202400490

Lipofilic wood extractives abatement from TMP circulation waters by wet oxidation
Verenich, Svetlana; Garcia Molina, V.; **Kallas, Juha** Advances in environmental research 2004 / p. 293-303
https://www.sciencedirect.com/science/article/pii/S1093019102001041

Low-temperature oxidation of polyethylene
Piiroja, 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
Piiroja, 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
Piiroja, 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

Methanogenesis and metal leaching on anaerobic decomposition of graptolite argillite
Menert, Anne; Korb, Triin; Orupõld, Kaja; Teemusk, Alar; Sepp, Holar; Mander, Ülo; Ilmjärv, Tanel; Truu, Jaak; Paiste, Päärn; Kirsimäe, Kalle; Menert, Terje; **Kamenev, Inna**; Heinaru, Eeva; Heinaru, Ain; Kulli, Sirli Sipp; Kivisaar, Maia Environmental Technology and Innovation 2023 / art. 103139 https://doi.org/10.1016/j.eti.2023.103139 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Methods of avoiding pollution of the Baltic Sea by phenols through the Purtse River
Kallas, Juha; **Munter, Rein**; **Pikkov, Lui** Environmental Protection Strategy Standardization and Control of Pollution Load on the Marine Environment : 1st International Conference, 20-24 September 1993, Tallinn, Estonia : abstracts 1993 / p. 28

Microbial activity during advanced oxidation of creosote oil contaminated soil
Palmroth, Marja R.T.; Aunola, Tuomo; **Goi, Anna** Abstracts in Enzymes in the Environment : Activity, Ecology and Application : Praha, Czech Republic, 2003 2003 / p. 62

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

Mild oxidation of substituted bicyclo[4.4.0]dec-10-en-3-one
Aav, Riina; **Kanger, Tõnis**; **Pehk, Tõnis**; **Lopp, Margus** 9th Meeting on Stereochemistry : Prague, Czech Republic, June 15-18,

2001 : book of abstracts 2001 / p. 95
https://www.researchgate.net/publication/228068775_OXIDATION_OF_SUBSTITUTED_BICYCLO440DECEN-3-ONES

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

Modelling of water treatment by chemical oxidation
Hautaniemi, Marjaana; **Kallas, Juha** Proceedings of 2nd Nordic Symposium on Reactive Separation Systems, Helsinki University of Technology, Otaniemi, Finland, June 6th-7th, 1996 1996 / p. 156-165

Modification of nitrifying biofilm into nitritating one by combination of increased free ammonia concentrations, lowered HRT and dissolved oxygen concentration
Zekker, Ivar; Rikmann, Ergo; Tenno, Toomas; **Menert, Anne**; Lemmiksoo, Vallo; Saluste, Anne; Tenno, Taavo; Tomingas, Martin Journal of environmental sciences 2011 / p. 1113-1121 : ill https://www.sciencedirect.com/science/article/pii/S1001074210605232

Monitoring the redox cycle of low-molecular peptides using a modified target plate in MALDI-MS
Borissova, Maria; Mahlapuu, Riina; **Vaher, Merike** Talanta 2010 / p. 274-280 https://pubmed.ncbi.nlm.nih.gov/21035675/

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; Härmas, 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 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Osoon, UV-kiirgus ja süvaoksüdatsioon - lahendusi tänapäeva aktuaalsetele keskkonnaprobleemidele
Munter, Rein Keskkonnatehnika 2011 / 5, lk. 14-15 : fot https://artiklid.elnet.ee/record=b2426038*est

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 - mathematical modelling
Kallas, Juha; Hautaniemi, Marjaana; **Munter, Rein**; Trapido, Marina; **Veressinina, Jelena** Regional Conference on Ozone, Ultraviolet Light, Advanced Oxidation Processes in Water Treatment, Amsterdam, Netherlands, 24-26 September 1996 1996 / p. 395-409: ill

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

Ozonation and wet oxidation in the treatment of TMP circulation waters
Laari, Arto; Korhonen, Susanna; Tuhkanen, Tuula; **Kallas, Juha** The 6th IAWQ Symposium on Forest Industry Wastewaters, June 6-10, 1999, Tampere, Finland : final programme and symposium pre-prints 1999 / p. 69-76: ill
https://www.sciencedirect.com/science/article/abs/pii/S0273122399007003

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 1997 / lk. 70

Oxidation and destruction of polyethylene
Piiroja, Eduard 1993 http://www.ester.ee/record=b1065021*est

Oxidation by-products in photocatalytical treatment of phenols and aromatic aminocompounds
Preis, Sergei; **Kritševskaja, Marina**; **Terentjeva, Jelena**; **Kallas, Juha** The 1998 European Workshop on Water and Air Treatment by Advanced Oxidation Technologies : Innovative and Commercial Applications, EPFL, Lausanne, Switzerland, October 11-14, 1998 : abstracts 1998 / p. 72

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

Oxidation of 3-alkyl-1,2-cyclopentanediones : synthesis of lactone acids and spirodilactones
Lopp, Margus; **Paju, Anne**; **Kanger, Tõnis**; **Pehk, Tõnis** 13th European Symposium on Organic Chemistry : September 10-15, 2003, Cavtat-Dubrovnik, Croatia : programme and abstracts 2003 / p. 101

Oxidation of airborne m-Xylene in pulsed corona discharge: Impact of water sprinkling
Altof, Kristen; **Krichevskaya, Marina**; **Preis, Sergei**; **Bolobajev, Juri** ChemEngineering 2024 / art. 99
https://doi.org/10.3390/chemengineering8050099

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://fmtdk.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 hydroxyl-polyunsaturated 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 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Oxidation of cyclobutanones with the modified Sharpless catalyst
Kanger, Tõnis; **Kriis, Kadri**; **Paju, Anne**; **Pehk, Tõnis**; **Lopp, Margus** OMCOS 9 : 9th IUPAC Symposium on Organometallic Chemistry, directed towards organic synthesis : final program 1997 / p. 362

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 cyclopentanediones
Paju, Anne; **Kanger, Tõnis**; **Pehk, Tõnis**; **Lopp, Margus** 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 53

Oxidation of cyclopentanediones
Paju, Anne; **Kanger, Tõnis**; **Pehk, Tõnis**; **Lopp, Margus** 11th European Symposium on Organic Chemistry : Göteborg, Sweden, July 23-28, 1999 : programme and abstracts 1999 / p. P102

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.ijrmhm.2017.03.019 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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 https://www.ester.ee/record=b5050061*est

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 products of free polyunsaturated fatty acids in wheat varieties
Levandi, Tuuli; Püssa, Tõnu; **Vaher, Merike**; Toomik, Peeter; **Kaljurand, Mihkel** European journal of lipid science and technology 2009 / 7, p. 715-722 : ill
https://www.researchgate.net/publication/230008245_Oxidation_products_of_free_polyunsaturated_fatty_acids_in_wheat_varieties

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**; **Traksmaa, Rainer** Wear 2011 / p. 23-31 : ill

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

Oxidative 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/969fcbc0-1eb5-491e-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 biooksüdatsioon 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

Parameter estimation and sensitivity analysis of lumped kinetic models for wet oxidation of concentrated wastewaters
Verenich, Svetlana; Laari, Arto; **Kallas, Juha** Industrial and engineering chemistry research 2003 / 21, p. 5091-5098 : ill
https://pubs.acs.org/doi/10.1021/ie030134w

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

Passivation and anodic oxidation of duplex TiN coatings on stainless steel
Rudenja, Sergei; Pan, J.; Odnevall Wallinder, Inger; Leygraf, C.; **Kulu, Priit** Journal of The Electrochemical Society 1999 / p. 4082-4086 https://www.researchgate.net/publication/234857934_Passivation_and_Anodic_Oxidation_of_Duplex_TiN_Coating_on_Stainless_Steel

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 kloorsüsivesinike lagundamiseks saastatud pinnases
Viisimaa, Marika 2014

Petrography and geochemistry of carbonate rocks of the Paleoproterozoic Zaonega Formation, Russia: Documentation of 13C-depleted non-primary calcite
Črne, A. E.; Melezhik, Victor A.; **Lepland, Aivo**; Fallick, Anthony Edward; Prave, Anthony R.; Brasier, A.T. Precambrian research 2014 / p. 79-93 : ill https://doi.org/10.1016/j.precamres.2013.10.005 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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** 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 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** 2[nd] European Meeting on: "Solar-Chemistry and Photocatalysis : Environmental Applications", Saint-Avold (France), May 29-31, 2002 : book of abstracts 2002 / p. O38

Photocatalytic oxidation of humic substances with TiO2 atached 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 phenolic compounds in wastewater from oil shale treatment
Preis, Sergei; **Terentjeva, Jelena**; **Rožkov, Aleksei** Water science and technology 1997 / 4, p. 165-174
https://www.sciencedirect.com/science/article/abs/pii/S0273122397883941

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 aromatic aminocompounds in aqueous solutions and groundwater from abandoned military base
Preis, Sergei; **Kritševskaja, Marina**; **Hartšenko, Anna** 12th International Congress of Chemical and Process Engineering : CHISA'96, Praha, Czech Republic, 25-30 August 1996 : summaries. 1, Symposium on Environmental and Safety Engineering 1996 / p. 18

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 Proceedings of the World Environmental Congress : London, Ontario, Canada, September 17-22, 1995 1995 / p. 277-278

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
https://doi.org/10.1016/S1001-0742(12)60205-8 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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

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**; **Viiroja, 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**; **Viiroja, 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**; **Viiroja, 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 https://artiklid.elnet.ee/record=b1019081*est

Põlevkivi kerogeeni hapendamisest = On the Oxidation of the Kerogen of the Estonian Oil Shale
Pervik, Johannes-Eduard 1938

Quantitative electrospray ionization mass spectrometry of zinc finger oxidation : the reaction of XPA zinc finger with H2O2
Smirnova, Julia; Zhukova, Liliya; **Palumaa, Peep** Analytical biochemistry 2007 / 2, p. 226-231 : ill

Raman spectroscopy of multilayered AlCrN coating under high temperature sliding/oxidation
Baroniņš, 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 hardmetal scrap to WC-Co powder by oxidation-reduction process
Joost, Renee; **Pirso, Jüri**; **Viljus, Mart** Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24-26th April 2008, Tallinn, Estonia. [2] 2008 / p. 449-454 : ill
https://www.researchgate.net/publication/289593153_Recycling_of_hardmetal_scrap_to_wc-co_powder_by_oxidationreduction_process

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

Redox-specialized bacterioplankton metacommunity in a temperate estuary
Laas, Peeter; **Simm, Jaak**; **Lips, Inga**; **Lips, Urmas**; **Kisand, Veljo**; **Metsis, Madis** PLoS ONE 2015 / art. e0122304
https://doi.org/10.1371/journal.pone.0122304

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 biooksüdatsiooniga kombineeritult aktiivsöetöötlusega 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 https://doi.org/10.1016/j.cej.2014.06.018 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

SO2 binding into the solid phase during thermooxidation of blends : Estonian oil shale semicoke
Kaljuvee, Tiit; **Kuusik, Rein, keemik**; **Trikkel, Andres** Journal of thermal analysis and calorimetry 2003 / 1/2, ESTAC 8 : proceedings of the 8th European Symposium on Thermal Analysis and Calorimetry : Barcelona, Spain, August 25-29, 2002. Volume 1. ISBN 963-05-8043-8. p. 393-404 : ill https://link.springer.com/article/10.1023/A:1023973231597

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

Strain relaxation mechanism in the Si-SiO2 system and its influence on the interface properties
Kropman, Daniel; **Mellikov, Enn**; **Öpik, Andres**; **Lott, Kalju**; **Volobujeva, Olga**; Kärner, T.; Heinmaa, I.; Laas, Tõnu; Medvid, A. Radiation Interaction with Materials and its use in Technologies : Kaunas, 24-27.09.2008 2008 / p. 204-207
https://www.sciencedirect.com/science/article/pii/S0921452609010321

Strain relaxation mechanism in the Si-SiO2 system and its influence on the interface properties
Kropman, Daniel; **Mellikov, Enn**; **Öpik, Andres**; **Lott, Kalju**; **Volobujeva, Olga**; Kärner, T.; Heinmaa, I.; Laas, Tõnu; Medvid, A. Physica B : condensed matter 2009 / 23/24, p. 5153-5155 : ill

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-dependent anaerobic ammonium oxidation in baker's yeast wastewater
Rikmann, Ergo; **Menert, Anne**; **Blonskaja, Viktoria**; Kurissoo, Tõnu; Zub, Sergei; Tenno, Toomas Book of abstracts of the 7th International Conference ORBIT 2010 : Organic Resources in the Carbon Economy : 29th June to 3rd July 2010 Heraklion Crete, Greece 2010 / p. 204 https://www.sei.org/publications/sulfate-dependent-anaerobic-ammonium-oxidation-bakers-yeast-wastewater/

Sulfate-reducing anaerobic ammonium oxidation as a potential treatment method for high nitrogen-content wastewater
Rikmann, Ergo; Zekker, Ivar; Tomingas, Martin; Tenno, Toomas; **Menert, Anne**; Loorits, Liis; Tenno, Taavo AGRO 2011 : 8th IWA International Symposium on Waste Management Problems in Agroindustries : Cesme, Izmir, Turkey, 22-24 June 2011 : proceedings. 2 2011 / p. 755-762 https://www.researchgate.net/publication/348845233_Sulfate-reducing_anaerobic_ammonium_oxidation_as_a_potential_treatment_method_for_high_nitrogen-content_wastewater

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

Sulphur compounds in a hydraulic ash discharge unit
Mölder, Leevi; Elenurm, Alfred; **Tamvelius, Hindrek** 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 48

Surface properties of sprayed and electrodeposited ZnO rod layers
Gromõko, 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 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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-cyclo penten-1-one, a D-ring precursor of 9,11-secosterols
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, Tiiu**; **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 süstees
Jõgi, Artur 2008 https://www.ester.ee/record=b2402245*est

Synthesis of chiral enantioenriched tetrahydrofuran derivatives
Niidu, Allan; Paju, Anne; Müürisepp, Aleksander-Mati; Kailas, Tiiu; **Pehk, Tõnis**; Lopp, Margus Arkivoc 2009 / XIV, p. 39-52 https://www.arkat-usa.org/get-file/32420/

Synthesis of new N-tetrasubstituted derivates of R,R-tartaric acid and their use as chiral ligands in oxidation catalysts
Ilmarinen, Kaja; Kriis, Kadri; Paju, Anne; **Pehk, Tõnis**; **Lopp, Margus** Proceedings of the Estonian Academy of Sciences. Chemistry 2001 / 3, p. 147-155

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 https://doi.org/10.1039/C7OB01605K Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

ZrC-based and ZrC-doped composites for high-temperature and wear applications = ZrC baasil ja ZrC-ga legeeritud komposiitmaterjalid rakendusteks kõrgtemperatuursetes ja kulumistingimustes
Yung, Der-Liang 2016 http://www.ester.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 https://doi.org/10.1134/S0023158414050036 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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 https://doi.org/10.1007/s10973-013-3063-x Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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 study of gaseous compounds evolved at thermooxidation of oil shale
Kaljuvee, Tiit; Pelt, Jaan; Radin, Maia Journal of thermal analysis and calorimetry 2004 / p. 399-414 : ill https://link.springer.com/article/10.1023/B:JTAN.0000046106.53195.26

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 https://doi.org/10.1007/s10973-013-2957-y Journal metrics at Scopus Article at Scopus journal metrics at WOS Article at WOS

The application of ozonation and advanced oxidation processes for degradation and detoxication of phenolic compounds
Trapido, Marina; **Veressinina, Jelena**; **Munter, Rein** Proceedings of the 14th Ozone World Congress : Dearborn, Michigan, USA, 1999 : oral presentations. Vol. 1 1999 / p. 235-247 : ill

The evaluation of the oxidation capability of bioactive compounds of Solanum melongena by capillary electrophoresis and by HPLC-MS/MS
Helmja, Kati; **Vaher, Merike**; Püssa, Tõnu; **Kaljurand, Mihkel** XXIVth International Conference on Polyphenols : Polyphenols Communications 2008 : Salamanca, 8th-11th July 2008. Volume 1 2008 / p. 165-166 : 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 initiation of free radical peroxidation of low-density lipoproteins by glucose and its metabolite methylglyoxal: A common molecular mechanism of vascular wall injure in atherosclerosis and diabetes
Lankin, Vadim Z.; **Konovalova, Galina G.**; Tikhaze, Alla K.; Shumaev, Konstantin; Kumskova, Elena; **Viigimaa, Margus** Molecular and cellular biochemistry 2014 / p. 241-252 : ill https://doi.org/10.1007/s11010-014-2131-2 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

The location of energetic compartments affects energetic communication in cardiomyocytes
Birkedal, Rikke; **Laasmaa, Martin**; **Vendelin, Marko** Frontiers in physiology 2014 / art. 376, 9 p.: ill
https://doi.org/10.3389/fphys.2014.00376 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The oxidation of chromium and titanium carbide based hard metals
Pirso, Jüri; **Liiskmann, Guido** Powder Technology 95 : Vth Baltic Conference, November 7-8, 1995, Tallinn 1995 / l. 34-36: ill
https://www.ester.ee/record=b1492085*est

The stability of dicarboxylic acids in subcriticalwet air oxidation (wao) condotions [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 synthesis and asymmetric oxidation of 3-benzyl-2,4-dihydroxycyclopent-2-enones
Oja, Karolin; **Paju, Anne**; Pehk, Tõnis; **Lopp, Margus** BOS 2012 : International Conference on Organic Synthesis : July 1-4, 2012, Tallinn, Estonia : program and abstracts 2012 / p. 148

The synthesis of sulphur and boron-containing titania photocatalysts and the evaluation of their photocatalytic activity
Klauson, Deniss; **Portjanskaja, Elina**; **Budarnaja, Olga**; **Kritševskaja, Marina**; **Preis, Sergei** Catalysis communications 2010 / 8, p. 715-720 https://www.sciencedirect.com/science/article/pii/S156673671000035X

The treatment of chlorophene-contaminated soil in columns by combined application of persulfate and biosurfactant
Bilgin Öncü, Nalan; **Viisimaa, Marika**; **Trapido, Marina**; Balcioglu, Isil Akmehmet; **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 https://doi.org/10.1016/j.fuproc.2015.10.029 Journal metrics at Scopus Article at Scopus Journal metrics at WOS

Article at WOS

3-alkylcyclopentane-1,2-diones in asymmetric oxidation and alkylation reactions = 3-alküültsüklopentaan-1,2-dioonid asümmeetrilistes oksüdeerimis- ja alküleerimisreaktsioonides
Reile, Indrek 2012 http://www.ester.ee/record=b2756921*est

Treatment of Aroclor 1016 contaminated soil by hydrogen peroxide: laboratory column study
Viisimaa, Marika; **Veressinina, Jelena**; **Goi, Anna** Environmental technology 2012 / p. 2041-2048 : ill
https://www.tandfonline.com/doi/full/10.1080/09593330.2012.660640

Treatment of 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

Treatment of phenolic and aromatic amino compounds by photocatalytical oxidation in polluted waters
Preis, Sergei; **Kritševskaja, Marina**; **Terentjeva, Jelena** TiO2-4 : The Fourth International Conference on TiO2 Photocatalytic Purification and Treatment of Water and Air, Albuquerque, New Mexico, USA, May 24-28, 1999 : abstracts 1999 / p. 74
https://www.researchgate.net/publication/233627958_Treatment_of_Phenolic_and_Aromatic_Amino_Compounds_in_Polluted_Waters_by_Photocatalytical_Oxidation

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

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

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

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
https://doi.org/10.3846/16486897.2013.804827 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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

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

Wet oxidation for the treatment of TMP concentrated paper mill waters. Kinetics of the reaction
Garcia-Molina, V.; Verenich, Svetlana; **Kallas, Juha** ECCE : 4th European Congress of Chemical Engineering : Granada, Spain, 2003 : conference proceedings. Topic 4 2003 / p. P-4.3-089

Wet oxidation of concentrated wastewaters : the kinetic modelling
Verenich, Svetlana; **Kallas, Juha** Oxidation Technologies for Water and Wastewater Treatment : 2nd International Conference 2000 / p. 163

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

Wet oxidation of recalcitrant lignin water solutions : experimental and reaction kinetics
Kindsigo, Merit; Hautaniemi, Marjaana; **Kallas, Juha** Environmental chemistry letters 2009 / 2, p. 155-160 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 https://www.ester.ee/record=b3084851*est

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 вольтамперометрии 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 озоном замещенных ароматических соединений в водной среде
Munter, Rein; **Preis, Sergei**; **Kamenev, Sven**; **Siirde, Enno**; **Loorits, Hilja** Химия и технология воды : научно-технический ежемесячный журнал 1984 / с. 139-141 : ил., табл https://www.ester.ee/record=b1833703*est

Влияние некоторых минеральных примесей на скорость биоокисления фенолов
Hannus, Maila; Kirso, Uuve Eesti NSV Teaduste Akadeemia toimetised. Keemia. Geoloogia = Известия Академии наук Эстонской ССР. Химия. Геология 1974 / с. 193-199 https://www.ester.ee/record=b1264554*est

Влияние неорганичесих 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**; **Türn, 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-b68afdf951e1/

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-b68afdf951e1/

Исследование каталитической окислительной деструкции углеводородов и кислородных соединений. Сообщение 21 : Исследование возможностей синтеза муравьиной и пропионовой кислот газофазным 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 присутсвии 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 оксидированных 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 соединении, содержащихся в твердом остатке термической переработки эстонских сланцев
Mölder, Leevi; Rohtla, 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, Uuve 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, Uuve 1967 https://www.ester.ee/record=b2965663*est

Кинетика совместного биохимического окисления 3,4-бензпирена и фенолов на адаптированных активных илах
Hannus, Maila; Kirso, Uuve; Gubergrits, 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
Öpik, 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; **Remmel, 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
Piiroja, Eduard; **Rajalo, Guido**; Kirjanen, I. Окисление и окрашивание углеводородных полимеров 1979 / с. 65-71
https://www.ester.ee/record=b1271134*est https://digikogu.taltech.ee/et/Item/ffbf1b5d-e7f0-4503-aaa6-9cb582414a67

Низкотемпературное окисление поверхности полиэтилена при действии пламени газовой горелки
Kalvik, Riina; **Ebber, Arkadi**; **Harina, I.A.**; **Kormoš, V.**; **Piiroja, Eduard, juhendaja** Окисление и окрашивание углеводородных полимеров 1979 / с. 3-18 : илл https://www.ester.ee/record=b1271134*est https://digikogu.taltech.ee/et/Item/ffbf1b5d-e7f0-4503-aaa6-9cb582414a67

Низкотемпературное окисление поверхности полиэтилена при травлении хромовой кислотой
Pajula, S.; **Künnapä, K.**; **Hinno, T.**; **Balog, S.N.**; **Piiroja, Eduard, juhendaja** Окисление и окрашивание углеводородных полимеров 1979 / с. 27-38 : илл https://www.ester.ee/record=b1271134*est https://digikogu.taltech.ee/et/Item/ffbf1b5d-e7f0-4503-aaa6-9cb582414a67

Низкотемпературное окисление полиэтилена
Piiroja, 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
Piiroja, Eduard; Dankovitš, A. Окисление и окрашивание углеводородных полимеров 1979 / с. 19-25 : илл
https://www.ester.ee/record=b1271134*est https://digikogu.taltech.ee/et/Item/ffbf1b5d-e7f0-4503-aaa6-9cb582414a67

Низкотемпературное окисление полиэтилена низкой плотности
Piiroja, 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
Piiroja, 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
Piiroja, Eduard; Granat, N.A.; Pajula, S.; Dankovitš, 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 углеводородов 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 озоном
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 четырехокиси 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 и окрашивание углеводородных полимеров
1979 https://www.ester.ee/record=b1271134*est https://digikogu.taltech.ee/et/Item/ffbf1b5d-e7f0-4503-aaa6-9cb582414a67

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
Piiroja, 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**; **Piiroja, Eduard** Tallinna Tehnikaülikooli Toimetised 1990 / lk. 17-30: ill

Окисление поверхности полиэтилена травлением хромовой кислотой
Viikna, Anti; Kirjanen, I.; **Rajalo, Guido**; **Piiroja, Eduard** Tallinne 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 кукерсита
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

Тепловыделение при биоокислении загрязняющих веществ
Kurissoo, T. Неустановившееся движение жидкости в трубах 1980 / с. 67-75 https://www.ester.ee/record=b1263941*est
https://digikogu.taltech.ee/et/Item/aeac2da9-cb51-4746-9dc3-c435104586eb

Термическое окисление полиэтилене
Piiroja, 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 B1 на окислительное фосфорилирование в митохондриях : автореферат ... кандидата химических наук (02.00.03)
Martin, Ivar 1991 https://www.ester.ee/record=b1205941*est