

**Activated sludge process coupled with intermittent ozonation for sludge yield reduction and effluent water quality control**  
**Järvik, Oliver; Viiroja, Andres; Kamenev, Sven; Kamenev, Inna** Journal of chemical technology and biotechnology 2011 / p. 978–984 : ill

**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 for phenolic wastewater posttreatment**

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

**Biooksüdatsioon koos keemilise oksüdatsiooniga**

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

**Chemical oxidation of biologically treated phenolic effluents**

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

**Comparative studies of AOP for aromatic and polyaromatic hydrocarbons destruction**

**Munter, Rein; Kallas, Juha; Preis, Sergei; Kamenev, Sven; Trapido, Marina; Veressinina, Jelena** 12th Ozone World Congress, May 15th to 18th, 1995, Lille, France : proceedings. Vol. 1 1995 / p. 395-406: ill

**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://fntdk.ut.ee/teesid/>

**Design and modeling of a staged downflow bubble reactor**

**Munter, Rein; Kamenev, Sven; Sarv, Laur** Ozone : science & engineering 1990 / 4

**Effect of ozone on viability of activated sludge detected by oxygen uptake rate (OUR) and adenosine-5'-triphosphate (ATP) measurement**

**Järvik, Oliver; Kamenev, Sven; Kasemets, Kaja; Kamenev, Inna** Ozone : science & engineering 2010 / 6, p. 408-416 : ill  
<https://www.tandfonline.com/doi/full/10.1080/01919512.2010.522911>

**Elimination of persistent emerging micropollutants in a suspended-bed photocatalytic reactor : influence of operating conditions and combination with aerobic biological treatment**

**Pronina, Natalja; Klauson, Deniss; Rudenko, Tatjana; Künnis-Beres, Kai; Kamenev, Inna; Kamenev, Sven; Moiseev, Anna; Deubener, Joachim; Kritševskaja, Marina** Photochemical & photobiological sciences 2016 / p. 1492-1502 : ill  
<https://doi.org/10.1039/C6PP00319B> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Energy consumption in ozonation and photo-catalytical oxidation**

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

**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

**Fluidized-bed photocatalytic reactor : influence of operating conditions on the elimination of persistent emerging micropollutants**

**Pronina, Natalja; Klauson, Deniss; Kamenev, Sven; Rudenko, Tatjana; Künnis-Beres, Kai; Moiseev, Anna; Deubener, Joachim; Kritševskaja, Marina** European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : conference program and book of abstracts 2015 / p. 124 : ill

**Fluidized-bed photocatalytic reactor : influence of operating conditions on the elimination of persistent emerging micropollutants**

**Pronina, Natalja; Klauson, Deniss; Kamenev, Sven; Rudenko, Tatjana; Künnis-Beres, Kai; Moiseev, Anna; Deubener, Joachim; Kritševskaja, Marina** European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : book of proceedings 2015 / [1] p. : ill

**Impact of ozone and hydrogen peroxide on the natural water**

**Maripuu, Lea; Kamenev, Sven; Munter, Rein** 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 88

**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

**Landfill leachate under combined oxidation treatment**

**Kamenev, Inna; Pikkov, Lui; Kamenev, Sven; Kallas, Juha** Proceedings of the 15th Ozone World Congress : London, United Kingdom, 11th - 15th September 2001 : oral presentations. Vol. I 2001 / p. 345-351 : ill

**Methodology of ozone introduction into water/wastewater treatment**

**Munter, Rein; Preis, Sergei; Kamenev, Sven; Siirde, Enno** Ozone : science & engineering 1993 / 2, p. 149-165

**Osoneerimise mõju reovete aeroobsele biopuhastusele**

**Kamenev, Inna; Pikkov, Lui; Kamenev, Sven; Kallas, Juha** XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 53-54

**Osooni ja vesinikperoksiidi toimest looduslikule veele**

**Maripuu, Lea; Kamenev, Sven; Munter, Rein** XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 79

**Ozonation and AOP for treatment of the wastewater from oil shale and pulp and paper industries**

**Munter, Rein; Kallas, Juha; Pikkov, Lui; Preis, Sergei; Kamenev, Sven** Proceedings 11th Ozone World Congress, San Francisco, 1993. Vol. 1 1993 / p. 38-53

**Ozonation and AOP parameter estimation from countercurrent film absorber data**

**Kallas, Juha; Huuskonen, M.; Kamenev, Sven; Munter, Rein; Viirja, Andres** Ozone : science & engineering 1995 / 5, p. 527-550: ill

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

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

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

**Munter, Rein; Trapido, Marina; Kallas, Juha; Kamenev, Sven; Preis, Sergei; Viirja, Andres; Kamenev, Inna; Järvik, Oliver; Kulik, Niina; Veressinina, Jelena** Executive summaries : 5th International Conference. 10th IOA-EA3G Berlin Conference on Oxidation Technologies for Water and Wastewater Treatment : Berlin, Germany, March 30 - April 2, 2009 2009 / p. 14/PC25(1-8)

**Ozonation and O<sub>3</sub>/H<sub>2</sub>O<sub>2</sub> treatment of the Lake Ulemiste water**

**Munter, Rein; Maripuu, Lea; Kamenev, Sven; Kallas, Juha; Hautaniemi, Marjaana** Regional Conference on Ozone, Ultraviolet Light, Advanced Oxidation Processes in Water Treatment, Amsterdam, Netherlands, 24-26 September 1996 1996 / p. 477-493: ill

**Ozonation in paper mill water reuse: experimental results and mathematical modelling**

**Laari, Arto; Junttila, H.; Edelmann, K.; Kallas, Juha; Kamenev, Sven** International Regional Conference 23-25 September 1998 : Ozonation and AOPs in Water Treatment Applications and Research : proceedings 1998 / p. 37.1-37.12: ill

**Oxidative purification of wastewaters containing phenolic compounds from oil shale treatment**

**Preis, Sergei; Kamenev, Sven; Kallas, Juha** Environmental technology 1994 / p. 135-144 : ill

<https://doi.org/10.1080/09593339409385413>

**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

**Solvent swelling of dictyonema oil shale**

**Kilk, K.; Savest, Natalja; Hruļjova, Jelena; Tearo, Eduard; Kamenev, Sven; Oja, Vahur** Oil shale 2010 / 1, p. 26-36 : ill

[https://artiklid.elnet.ee/record=b1966260\\*est](https://artiklid.elnet.ee/record=b1966260*est)

**Some considerations and comments on ozone solubility**

**Munter, Rein; Kamenev, Sven; Siirde, Enno** International Specialised Symposium IOA 2000 "Fundamental and Engineering Concepts for Ozone Reactor Design" : Toulouse, France, March 1-3, 2000 : proceedings 2000 / p. 31-34

### **The Tallinn ozone project - from laboratory studies to industrial application**

**Munter, Rein; Loorits, Hilja; 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. 359-364

### **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

### **Using of ozone in high quality drinking water production**

**Munter, Rein; Kamenev, Sven; Kallas, Juha; Maripuu, Lea** Critical reviews in analytical chemistry 1998 / Issue 2 : Special Issue : the proceedings of the National Science Foundation-Funded Workshop on Environmental chemistry - Baltic Republics, p. 81-86

### **Using of ozone in high quality drinking water production**

**Munter, Rein; Kamenev, Sven; Kallas, Juha; Maripuu, Lea** US-Baltic Workshop : Environmental Chemistry, June 11-15, 1997, Palanga, Lithuania : proceedings 1997 / p. 35-40

### **Värvitööstuse heitvete osooni abil puhastamise uurimine**

**Kamenev, Sven; Preis, Sergei; Munter, Rein** XXXII üliõpilaste teaduslik-tehnilise konverentsi ettekannete teesid : pühendatud V. I. Lenini 110. sünniaastapäevale : 16.-18. aprill 1980 1981 / lk. 128 [https://www.ester.ee/record=b1322611\\*est](https://www.ester.ee/record=b1322611*est)

### **Yields and the selected physicochemical properties of thermobitumen as an intermediate product of the pyrolysis of Kukersite oil shale**

**Astra, Hanna-Liina; Albert, Tiina; Mozaffari, Sepehr; Järvik, Oliver; Yanchilin, Alexey; Kamenev, Sven; Karagöz, Selhan; Oja, Vahur** Oil shale 2021 / p. 295-316 <https://doi.org/10.3176/oil.2021.4.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Влияние pH на окисление озонном 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](https://www.ester.ee/record=b1833703*est)

### **Зависимость константы скорости реакции некоторых органических соединений с озоном от их ХПК**

**Kamenev, Sven; Mikkal, Valdek; Loorits, Hilja** Процессы и аппараты химической технологии. 1 1987 / с. 111-116

### **О растворимости озона в водных растворах**

**Kamenev, Sven; Preis, Sergei; Munter, Rein; Siirde, Enno** Тезисы VII всесоюзного симпозиума по современным проблемам прогнозирования, контроля качества воды водоемов и озонирования, Таллин 19-21 ноября 1985 года. IV секция, Озонирование воды 1985 / с. 20-23 : ил [https://www.ester.ee/record=b1254834\\*est](https://www.ester.ee/record=b1254834*est)

### **Озонирование анилина в водных растворах**

**Kamenev, Sven; Munter, Rein; Siirde, Enno** Тезисы VII всесоюзного симпозиума по современным проблемам прогнозирования, контроля качества воды водоемов и озонирования, Таллин 19-21 ноября 1985 года. IV секция, Озонирование воды 1985 / с. 27-31 : ил [https://www.ester.ee/record=b1254834\\*est](https://www.ester.ee/record=b1254834*est)

### **Озонирование водных растворов анилина**

**Kamenev, Sven; Koel, M.** Процессы и аппараты химической технологии. 1 1987 / с. 103-110

### **Озонирование сточных вод анилино-красочной промышленности**

**Munter, Rein; Kamenev, Sven; Preis, Sergei; Siirde, Enno; Hudak, V.I.** Неустановившиеся процессы в системах водоснабжения и водоотведения 1985 / с. 31-41

### **Очистка озонированием сточных вод, загрязненных анионными ПАВ**

Buchalter, A.; Hudak, V.; Ivanov, A.; Panidi, I.; **Munter, Rein; Kamenev, Sven** Химическая промышленность. Серия "Анилинокрасочная промышленность" : научно-технический реферативный сборник 1983 / с. 14-18

### **Очистка промышленных стоков от анионных поверхностно-активных веществ методом озонирования**

Buhgalter, L.B.; **Ivanov, A.I.; Hudak, V.I.; Munter, Rein; Kamenev, Sven** Тезисы VII всесоюзного симпозиума по современным проблемам прогнозирования, контроля качества воды водоемов и озонирования, Таллин 19-21 ноября 1985 года. IV секция, Озонирование воды 1985 / с. 70-72 [https://www.ester.ee/record=b1254834\\*est](https://www.ester.ee/record=b1254834*est)

### **Применение теории хемосорбции для анализа и описания процессов озонирования воды и сточных вод**

**Munter, Rein; Kamenev, Sven; Siirde, Enno** Журнал физической химии 1992 / 4, с. 899-903

### **Процессы и аппараты химической технологии**

**Feldmann, Liia; Pikkov, Lui; Viiraja, Andres; Roosimölder, Lembit; Munter, Rein; Sarv, Laur; Joarand, Heiki; Kallas, Juha;**

**Kamenev, Inna; Preis, Sergei; Siirde, Enno; Koel, Mihkel; Tearo, Jelena; Loorits, Hilja; Mikkal, Valdek; Kamenev, Sven; Bakalova, M.O.; Orupõld, T.; Reile, Rein; Uus, Endel; Tearo, Eduard** 1987 [https://www.ester.ee/record=b2191192\\*est](https://www.ester.ee/record=b2191192*est)

#### **Санитарная техника**

**Tibar, Harri; Veski, A.; Karu, Jaan; Suurkask, Valdu; Hääl, Maire-Liis; Säärekönnö, Jüri; Bomze, Z.; Munter, Rein; Kamenev, Sven; Preis, Sergei; Siirde, Enno; Hudak, V.I.; Pikkov, Lui; Kask, Endel; Koppel, Tiit; Ruubel, R.; Daniel, Eghert; Liiv, Uno; Sarv, Laur; Ainola, Leo; Ruustal, Endel; Koppel, Tiit; Toomet, Madis** 1985 [https://www.ester.ee/record=b1255730\\*est](https://www.ester.ee/record=b1255730*est)

#### **Скорость разложения озона в водных растворах**

**Kamenev, Sven** VI Республиканская конференция молодых ученых-химиков : тезисы докладов 1986 / с. 57  
[https://www.ester.ee/record=b1232928\\*est](https://www.ester.ee/record=b1232928*est)

#### **Снижение содержания в сточных водах азотистых органических соединений**

**Hudak, V.; Šloma, E.; Munter, Rein; Kamenev, Sven; Siirde, Enno** Химическая промышленность. Серия "Анилиноокрасочная промышленность" : научно-технический реферативный сборник 1983 / с. 17-19

#### **Ступенчатая обработка сточных вод анилиноокрасочной промышленности известью и озоном**

**Munter, Rein; Siirde, Enno; Kamenev, Sven; Preis, Sergei** Химия и технология воды : научно-технический ежемесячный журнал 1987 / с. 59-60, ил [https://www.ester.ee/record=b1833703\\*est](https://www.ester.ee/record=b1833703*est)

#### **Ступенчатая обработка сточных вод известью и озоном**

**Munter, Rein; Kamenev, Sven; Preis, Sergei; Siirde, Enno** Тезисы VII всесоюзного симпозиума по современным проблемам прогнозирования, контроля качества воды водоемов и озонирования, Таллин 19-21 ноября 1985 года. IV секция, Озонирование воды 1985 / с. 47-50 : ил [https://www.ester.ee/record=b1254834\\*est](https://www.ester.ee/record=b1254834*est)

#### **Таллинский озонный проект - от лабораторных исследований до промышленного внедрения**

**Munter, Rein; Loorits, Hilja; Kamenev, Sven** Третий международный конгресс "Вода: экология и технология" : "ЭКВАТЭК-98", Москва, 25-30 мая 1998 г. : тезисы докладов 1998 / с. 666-667

#### **Электрохимическая очистка хлорат-содержащих сточных вод**

**Kamenev, Sven; Preis, Sergei; Siirde, Enno** Химия и технология воды : научно-технический ежемесячный журнал 1991 / с. 166-168: ил