

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

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 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

Aktiivsuskoefitsiendi tuletised

Viiroja, Andres XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 156

Biooksüdatsioon koos keemilise oksüdatsiooniga

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

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

Derivatives of the activity coefficient

Viiroja, Andres 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 164

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

Estimation of ozonation kinetics in a small bubble column

Viiroja, Andres; Kamenev, Inna; Kallas, Juha 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

GAC-adsorption of 5-methylresorcinol

Viiroja, Andres; Joarand, Heiki; Kallas, Juha; Palosaari, Seppo Oil shale 1994 / 2, p. 107-115: ill

Influence of activated carbon on ozonation of phenolic wastewater

Järvik, Oliver; Saarik, Vardo; Osadchuk, Irina; Viiroja, Andres; Kamenev, Inna 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.2.11-1 - VIII.2.11-9

Ksüldiini sisaldava vee adsorptsiooni dünaamika täidiskolonnis

Reinik, Janek; Viiroja, Andres; Kallas, Juha XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 113-114

Massivahetusprotsesside astmetega mudelite lahendamisest = Solving staged mass transfer models

Viiroja, Andres XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 225-226 https://www.ester.ee/record=b1070511*est

Mathematical models, simulation and parameter estimation for water/wastewater treatment by ozone in semicontinuous, countercurrent and cocurrent columns

Kallas, Juha; Munter, Rein; Viiroja, Andres; Kõrvits, Madis 12th Ozone World Congress, May 15th to 18th, 1995, Lille, France : proceedings. Vol. 2 1995 / p. 229-240

Organics and nitrogen removal from phenolic wastewater with combined treatment

Kamenev, Inna; Viiroja, Andres; Munter, Rein; Kallas, Juha Proceedings IWA Specialized Conference "Nutrient Management in Wastewater Treatment Processes and Recycle Streams" : Krakow, Poland, September 19-21, 2005 2005 / p. 1095-1099

Ozonation and AOP parameter estimation from countercurrent film absorber data

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

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

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

Ozonation of lignin aqueous solutions

Kamenev, Inna; Velts, Olga; Viiroja, Andres; Häkkinen, Antti; Kallas, Juha 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. 39-40/PC223(1-8)

Pinch analysis helps save energy in an alcohol distillery in Estonia

Kamenev, Inna; Klemeš, J.; Mikkal, Valdek; Preis, Sergei; Tali, Enn; Valdlo, K.; Viiroja, Andres 12th International Congress of Chemical and Process Engineering : CHISA'96, Praha, Czech Republic, 25-30 August 1996 : summaries. 8, Process System Engineering 1996 / p. 38

PINCH-analüüs aitab hoida kokku energiat = PINCH-analysis helps to save energy at alcohol distillery

Kamenev, Inna; Klemensh, J.; Mikkal, Valdek; Preis, Sergei; Tali, Enn; Valdlo, K.; Viiroja, Andres XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 65-66
https://www.ester.ee/record=b1070511*est

Poolperioodse osoneerimise mudelid

Viioja, Andres; Kamenev, Inna; Kallas, Juha XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 134

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 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 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

Samiiniga reostatud põhjavee puhastamine granuleeritud aktiivsõega

Reinik, Janek; Viiroja, Andres; Kallas, Juha; Munter, Rein; Verenich, Svetlana; Preis, Sergei XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 122-123

Simulation and parameter estimation of ozonation column models

Kallas, Juha; Munter, Rein; Viiroja, Andres; Kõrvits, Madis Acta chimica hungarica 1995 / 5, Models in chemistry, p. 807-829: ill

Xylidine-polluted groundwater purification : adsorption experiments and breakthrough calculations

Reinik, Janek; Viiroja, Andres; Kallas, Juha Proceedings of the Estonian Academy of Sciences. Chemistry 2001 / 4, p. 205-216

Влияние интенсивности массообмена на коэффициенты переноса

Viioja, Andres IV республиканская конференция молодых ученых-химиков : тезисы докладов 1981 / с. 123-124
https://www.ester.ee/record=b1309986*est

Дистилляция частично растворимых смесей с водяным паром : автореферат ... кандидата технических наук (05.17.08)

Viioja, Andres 1983 https://www.ester.ee/record=b1521551*est

Использование метода UNIFAC при нахождении фазовых равновесий в многокомпонентных системах

Kallas, Juha; Viioja, Andres; Siirde, Enno Журнал прикладной химии 1978 / с. 2471-2475 : ил., табл
https://www.ester.ee/record=b1182398*est

Исследование процесса экстракции пневого осмола

Viioja, Andres; Evert, I.; Uus, Endel XX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР : тезисы докладов. Часть 2 1974 / с. 368-369 https://www.ester.ee/record=b1306141*est

Массо- и теплоперенос при дистилляции многокомпонентных смесей с насыщенным водяным паром

Viiraja, Andres; Kallas, Juha; Siirde, Enno Журнал прикладной химии 1980 / с. 2262-2266 : ил

https://www.ester.ee/record=b1182398*est

Метод расчета непрерывного совмещенного реакционно-ректификационного процесса

Joarand, Heiki; Viiraja, Andres Достижения в области физико-химических методов анализа и аналитический контроль производств : Научно-техническая конференция молодых ученых и специалистов (26-28 марта 1985 г.) : Тезисы докладов 1985 / с. 71-72

Метод решения систем нелинейных уравнений

Viiraja, Andres Процессы и аппараты химической технологии. 1 1987 / с. 12-17

Моделирование массо- и теплообмена на трехфазной контактной ступени

Viiraja, Andres Современные проблемы физической химии : Всесоюзная конференция молодых ученых, Москва, 17-20 нояб. 1980 г. : Тезисы докладов 1980 / с. 146

Моделирование процесса периодической ректификации суммарных фенолов

Reile, Rein; Viiraja, Andres; Bakalova, M.O. Республиканская научная конференция "Химия и применение фенолальдегидных смол" : тезисы докладов 1987 / с. 21-22 : ил https://www.ester.ee/record=b1263082*est

Моделирование ректификации многокомпонентных смесей

Viiraja, Andres 5-я республиканская конференция молодых ученых-химиков : [тезисы докладов] 1983 / с. 120

https://www.ester.ee/record=b1312297*est

О поправочном множителе к коэффициентам тепло- и массоотдачи

Viiraja, Andres; Kallas, Juha; Siirde, Enno Журнал прикладной химии 1981 / с. 2380 https://www.ester.ee/record=b1182398*est

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; Looirts, Hilja; Mikkal, Valdek; Kamenev, Sven; Bakalova, M.O.; Orupõld, T.; Reile, Rein; Uus, Endel; Tearo, Eduard 1987 https://www.ester.ee/record=b2191192*est

Процессы и аппараты химической технологии

Feldmann, Liia; Bakalova, M.O.; Kallas, Juha; Reile, Rein; Viiraja, Andres; Preis, Sergei; Munter, Rein; Siirde, Enno; Sarv, Laur; Pikkov, Lui; Veressina, Jelena 1988 https://www.ester.ee/record=b2191189*est

Расчет периодической ректификации фенольного сырья

Reile, Rein; Viiraja, Andres; Bakalova, M.O. Процессы и аппараты химической технологии. 2 1988 / с. 11-19

Расчет трехфазной контактной ступени

Viiraja, Andres III республиканская конференция молодых ученых-химиков, 15-17 мая 1979 года : тезисы докладов 1979 / с. 176 https://www.ester.ee/record=b1280470*est

Сопряженная тепло- и массопередача в многокомпонентной парожидкостной системе

Viiraja, Andres; Joarand, Heiki; Kamenev, Inna; Reile, Rein; Kallas, Juha Современные проблемы тепло- и массообмена в химической технологии : материалы Международной школы-семинара. Ч. 1 1986 / с. 76-85 https://www.ester.ee/record=b2676985*est

Успехи в теории и расчете перегонки и реактификации в присутствии водяного пара

Kallas, Juha; Siirde, Enno; Viiraja, Andres; Reile, Rein XII Менделеевский съезд по общей и прикладной химии : рефераты докладов и сообщений. №.5, Теоретические основы химической технологии. Химические проблемы металлургии. Химия и технология силикатов 1981 / с. 64-65 https://www.ester.ee/record=b2050266*est