

An acid-free method of microfossil extraction from clay-rich lithologies using the surfactant Rewoquat

Jarochovska, Emilia; **Tonarová, Petra**; Munnecke, Axel; Ferrová, Lenka; Sklenář, Jan; Vodrážková, Stanislava *Palaeontologia Electronica* 2013 <https://doi.org/10.26879/382> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

Amino acid-functionalized calix[4]resorcinarene solubilization by mono- and dicationic surfactants

Zakharova, Lucia Ya.; Serdyuk, Anna A.; Mirgorodskaya, Alla B.; **Karpichev, Yevgen** *Journal of surfactants and detergents* 2016 / p. 493-499 : ill <https://doi.org/10.1007/s11743-016-1792-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Antibacterial activity of 24 L-phenylalanine derived surface-active ionic liquids (SAILs) towards two clinically relevant pathogens

Kusumahastuti, Dewi Kurnianingsih Arum; Sihtmäe, Mariliis; Gathergood, Nicholas; Kahru, Anne *Journal of international scientific publications : ecology & safety* 2019 / p. 16-28 : ill <https://www.scientific-publications.net/en/article/1001856/>

DDT-contaminated soil treatment with persulfate and hydrogen peroxide utilizing different activation aids and the chemicals combination with biosurfactant

Goi, Anna; Viisimaa, Marika; Karpenko, Oleksandr *Journal of advanced oxidation technologies* 2012 / p. 41-52 : ill https://www.researchgate.net/publication/263695003_DDT-Contaminated_Soil_Treatment_with_Persulfate_and_Hydrogen_Peroxide_Utilizing_Different_Activation_Aids_and_the_Chemicals_Combination_with_Biosurfactant

Degradation of organophosphate pesticides using pyridinium based functional surfactants

Sharma, Rahul; Gupta, Bhanushree; **Karpichev, Yevgen; Gathergood, Nicholas** *ACS sustainable chemistry & engineering* 2016 / p. 6962-6973 : ill <https://doi.org/10.1021/acssuschemeng.6b01878> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of structure of polycyclic aromatic substrates on solubilization capacity and size of cationic monomeric and gemini 14-s-14 surfactant aggregates

Serdyuk, Anna A.; Mirgorodskaya, Alla B.; **Kapitanov, Illia; Gathergood, Nicholas; Karpichev, Yevgen** *Colloids and surfaces A : physicochemical and engineering aspects* 2016 / p. 613-622 : ill <https://doi.org/10.1016/j.colsurfa.2016.09.068> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Felületaktiv anyaqok vizsgalata korrozios inhibitorokent

Kallast, Vambola; Kuusk, Anu; Metsmaa, T.; Allikmaa, Veiko; Schächter, Klára; Lohonyai, Nándor *Korrozios figyelo* 1990 / 4, p. 85-87

Influence of biosurfactant on combined chemical–biological treatment of PCB-contaminated soil

Viisimaa, Marika; Karpenko, Oleksandr; Novikov, Volodymyr; **Trapido, Marina; Goi, Anna** *Chemical engineering journal* 2013 / p. 352-359 : ill <https://doi.org/10.1016/j.cej.2013.01.041> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Investigation of the surfactant type and concentration effect on the retention factors of glutathione and its analogues by micellar electrokinetic chromatography

Kazarjan, Jana; Mahlapuu, Riina; Hansen, Mats; Soomets, Urel; **Kaljurand, Mihkel; Vaher, Merike** *Journal of separation science* 2015 / p. 3461-3468 : ill <https://doi.org/10.1002/jssc.201500567> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mixed oxime-functionalized IL/16-s-16 Gemini surfactants system: physicochemical study and structural transitions in the presence of promethazine as a potential chiral pollutant

Pandya, Subhashree Jayesh; **Kapitanov, Illia; Borovkov, Victor**; Ghosh, Kallol K.; **Karpichev, Yevgen** *Chemosensors* 2022 / art. 46 <https://doi.org/10.3390/chemosensors10020046> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modification of low-density polyethylene using surface-active substance

Nikitina, Nonna; Süld, Tiia-Maaja; Viikna, Anti *Proceedings of Baltic Polymer Symposium* 2002, Nida, September 18-20, 2002 2002 / p. 95-98 : ill

Oxime functionalized surfactants in pH-responsive mixed micellar assemblies : physicochemical properties and esterolytic reactivity

Kapitanov, Illia; Mirgorodskaya, Alla B.; Zakharova, Lucia Y.; **Gathergood, Nicholas; Karpichev, Yevgen** *Kyiv-Toulouse : IXth International Chemistry Conference "Kyiv-Toulouse" dedicated to the 100th anniversary of Fedir Babichev = IXth Conference Internationale de Chimie "Kyiv-Toulouse" dedie au 100eme anniversaire de Fedir Babichev : (Kyiv, 4-9 June 2017) : materials of reports and performances* 2017 / p. 131

Physicochemical properties and esterolytic reactivity of oxime functionalized surfactants in pH-responsive mixed micellar system

Kapitanov, Illia; Mirgorodskaya, Alla B.; Valeeva, Farida G.; **Gathergood, Nicholas; Karpichev, Yevgen** *Colloids and surfaces A :*

physicochemical and engineering aspects 2017 / p. 143-159 : ill <https://doi.org/10.1016/j.colsurfa.2017.04.039> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pindaktiivsete ainete mõju vedelik-gaas piirpinna läbilaskvusele

Nigu, P.; Mölder, E.; Saks, Imre; Tenno, T. XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 94-96

Polüetüleeni struktuuri modifitseerimine pindaktiivsete ainetega

Shorohhova, Natalja; Nikitina, Nonna XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 124

QSPR study of critical micelle concentration of anionic surfactants using computational molecular descriptors

Karitzky, Alan R.; Pacureanu, Liliana; Dobchev, Dimitar; Karelson, Mati Journal of chemical information and modeling 2007 / 3, p. 782-793 <https://pubs.acs.org/doi/10.1021/ci600462d>

QSPR study of the first and second critical micelle concentrations of cationic surfactants

Karitzky, Alan R.; Pacureanu, Liliana M.; Slavov, Svetoslav H.; Dobchev, Dimitar A.; Shah, Dinesh O.; Karelson, Mati Computers & chemical engineering 2009 / 1, p. 321-332 : ill <https://www.sciencedirect.com/science/article/pii/S0098135408001956>

Statistical characteristics of coefficients of a cubic approximation of isotherms of surface active substance films

Averbukh, Elena; Talipova, Tatyana; Kurkin, Andrey; Soomere, Tarmo Proceedings of the Estonian Academy of Sciences 2014 / p. 417-427 : ill <https://doi.org/10.3176/proc.2014.4.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Surface active ionic liquids (SAILs) : to squeeze between biodegradability and toxicity constrains

Karpichev, Yevgen; Kapitanov, Illia; Gathergood, Nicholas Kyiv-Toulouse : IXth International Chemistry Conference "Kyiv-Toulouse" dedicated to the 100th anniversary of Fedir Babichev = IXth Conference Internationale de Chimie "Kyiv-Toulouse" dedie au 100eme anniversaire de Fedir Babichev : (Kyiv, 4-9 June 2017) : materials of reports and performances 2017 / p. 30 : ill

Sustainable phenylalanine-derived sails for solubilization of polycyclic aromatic hydrocarbons

Kapitanov, Illia; Sudheer, Surya; Yadav, Toshikee; Ghosh, Kallol K.; Gathergood, Nicholas; Gupta, Vijai Kumar; Karpichev, Yevgen Molecules 2023 / art. 4185 : ill <https://doi.org/10.3390/molecules28104185> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Synthesis, self-assembly, bacterial and fungal toxicity, and preliminary biodegradation studies of a series of l-phenylalanine-derived surface-active ionic liquids

Kapitanov, Illia; Jordan, Andrew; Karpichev, Yevgen; Gathergood, Nicholas Green chemistry 2019 / p. 1777-1794 : ill <https://doi.org/10.1039/c9gc00030e> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Влияние поверхностно-активных добавок на показатели стойкости мелкозернистых портландцементных бетонов

Hain, Artur; Puntso, Rein Изучение свойств зольных цементов и бетонов на их основе 1984 / с. 27-34

Интенсификация процесса флотационной очистки сточных вод от поверхностно-активных веществ : автореферат ... кандидата технических наук (05.23.04)

Krasnoštšekaja, Irina 1984 http://www.ester.ee/record=b1551107*est

Интенсификация процесса флотационной очистки сточных вод от поверхностно-активных веществ : диссертация ... кандидата технических наук : 05.23.04 - водоснабжение и канализация

Krasnoštšokaja, Irina 1984 http://www.ester.ee/record=b2421328*est

Исследование эффектов, обуславливающих размытие рентгеновских линий неравновесных электролитических сплавов

Rusalep, Ervin Физика, математика и теоретическая механика : сборник статей. 2 1967 / с. 3-7 : илл https://www.ester.ee/record=b2182156*est <https://digikogu.taltech.ee/et/Item/9629c334-57f5-42a4-b7df-c9616b03b45d>

Исследование эффектов, обуславливающих расширение рентгеновских линий электролитических сплавов

Rusalep, Ervin XX научная конференция, посвященная 25-летию Эстонской ССР 18-22 мая 1965 г. : тезисы и резюме 1965 / с. 37 https://www.ester.ee/record=b1359832*est

Охрана водоемов от загрязнений, содержащих ПАВ и красителей

Жураев О.Ж.; Рахманов М.Р.; Жуманов О.Ж. VIII симпозиум по проблемам качества воды водоемов : тезисы докладов, Таллинн, 23-25 октября 1990 г 1990 / с. 37-39

Очистка озонированием сточных вод, загрязненных анионными ПАВ

Buchalter, A.; Hudak, V.; Ivanov, A.; Panidi, I.; **Munter, Rein; Kamenev, Sven** Химическая промышленность. Серия "Анилиноокрасочная 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

Синтез водо-маслорастворимых диалкиларилсульфонатов

Voore, Heli; **Faingold, Samuil**; Jõers, Kai; Kuusk, A.; **Kallast, Vambola** Eesti NSV Teaduste Akadeemia toimetised. Keemia = Proceedings of Academy of Sciences of the Estonian SSR. Chemistry = Известия Академии наук Эстонской ССР. Химия 1979 / с. 40-44 : табл https://www.ester.ee/record=b1264984*est

Синтез и исследование свойств индивидуальных амидосодержащих полифункциональных ПАВ : автореферат ... кандидата химических наук (02.00.03)

Allikmaa, Veiko 1990 https://www.ester.ee/record=b1258257*est

Стабильность протеолитических ферментов в присутствии окислителей и поверхностно-активных веществ

Kreen, Malle; Laasik, Marju; Menert, Anne Характеристика действия биокатализаторов 1987 / с. 83-96