

**Adsorption and kinetics studies of Cr (VI) by graphene oxide and reduced graphene oxide-zinc oxide nanocomposite**  
Naseem, Taiba; Bibi, Fozia; Arif, Saira; Waseem, Muhammad Adnan; Haq, Sirajul; Azra, Mohamad Nor; **Liblik, Taavi**; Zekker, Ivar  
Molecules 2022 / art. 7152, 16 p. : ill <https://doi.org/10.3390/molecules27217152> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Advancing green hydrogen production : synthesizing and analyzing nickel and iron micro-flower shaped electrocatalysts on Ni-mesh for alkaline water electrolysis**

Jäger, Rutha; Valk, Peeter; Grozovski, Vitali; **Volobujeva, Olga**; Prits, Alise-Valentine; Maide, Martin; Küngas, Rainer; Lust, Enn; Nerut, Jaak 246th ECS Meeting PRIME 2024; Honolulu, Hawaii, USA; October 6-11, 2024 <https://doi.org/10.1149/MA2024-02422814mtgabs>

**ALD applied to conformal rare-earth coating of ZnO nanoparticles for low temperature thermal imaging applications**

**Rauwel, Erwan**; Galeckas, Augustinas; Rauwel, Protima ECS transactions 2014 / p. 23-31 : ill <https://doi.org/10.1149/06409.0023ecst> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Alleenoksiidi süntaas-lipoksügenaas liitvalgu rada on üldlevinud korallides**

**Lõhelaid, Helike**; Järving, Reet; Järving, Ivar; **Samel, Nigulas** XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 84-85

**Antibacterial and antiviral effects of Ag, Cu and Zn metals, respective nanoparticles and filter materials thereof against coronavirus SARS-CoV-2 and influenza A virus**

Kubo, Anna-Liisa; Rausalu, Kai; Savest, Natalja; Žusinaite, Eva; **Vasiliev, Grigory**; **Viirsalu, Mihkel**; **Plamus, Tiia**; **Krumme, Andres**; Merits, Andres; Bondarenko, Olesja Pharmaceutics 2022 / art. 2549 : 19 p. : ill <https://doi.org/10.3390/pharmaceutics14122549> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Application of thermal analysis in the preparation and characterization of super conducting YBa<sub>2</sub>(Cu<sub>1-x</sub>Crx)<sub>4</sub>O<sub>8</sub> oxides**

Nenartaviciene, G.; **Tõnsuaadu, Kaia**; Jasaitis, D.; Beganskiene, Aldona; Kareiva, Aivaras ESTAC 9 : 9th European Symposium on Thermal Analysis and Calorimetry : 27-31 August 2006, Krakow, Poland : [book of abstracts] 2006 / p. 255

**Assessment of the hazard of nine (doped) lanthanides-based ceramic oxides to four aquatic species**

Blinova, Irina; Vija, Heiki; Lukjanova, Aljona; **Muna, Marge**; Syvertsen-Wiig, Guttorm; Kahru, Anne Science of the total environment 2018 / p. 1171-1176 : ill <https://doi.org/10.1016/j.scitotenv.2017.08.274> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Calculations for XeOn (n=2-4) : could the xenon dioxide molecule exist?**

**Tamm, Toomas**; Pyykkö, Pekka Journal of physical chemistry A 2000 / p. 3826-3828

**Cleaning procedure for the screen-printed RuO<sub>2</sub> pH electrodes**

**Lazouskaya, Maryna**; **Vetik, Iuliia**; Uppuluri, Kiranmai; Razmi, Nasrin; **Scheler, Ott** IEEE Sensors 2022 : Dallas, Texas, USA : 30 October 2022 - 02 November 2022 : Sensors 2022 conference proceedings 2022 / 4 p. : ill <https://doi.org/10.1109/SENSOR52175.2022.9967177> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Combined treatment of pharmaceutical effluents from medical ointment production**

**Kulik, Niina**; **Trapido, Marina**; **Goi, Anna**; **Veressinina, Jelena**; **Munter, Rein** 2007 World Congress on Ozone and Ultraviolet Technologies : August 27-29, 2007, Los Angeles, California USA 2007 / p. Abs.61 <https://pubmed.ncbi.nlm.nih.gov/17897701/>

**Competitive binding of natural amphiphiles with graphene derivatives**

Radic, Slaven; Geitner, Nicholas K.; Podila, Ramakrishna; **Käkinen, Aleksandr**; Chen, Pengyu; Ke, Pu Chun; Ding, Feng Scientific reports 2013 / art. 2273 <https://doi.org/10.1038/srep02273> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Deep-ultraviolet emitter : rare-earth-free ZnAl<sub>2</sub>O<sub>4</sub> nanofibers via a simple wet chemical route**

**Rojas Hernandez, Rocio Estefania**; Rubio-Marcos, Fernando; Romet, Ivo; Del Campo, Adolfo; Gorni, Giulio; **Hussainova, Irina**; Fernandez, Jose Francisco; Nagirmyi, Vitali Inorganic Chemistry 2022 / p. 11886-11896 <https://doi.org/10.1021/acs.inorgchem.2c01646> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Design and technology of oxides-containing ceramic-based composites = Oksiide sisaldava komposiitkeraamika tehnoloogia**

**Voltšihhin, Nikolai** 2014 [https://www.ester.ee/record=b4438763\\*est](https://www.ester.ee/record=b4438763*est)

**Determination of carcinoembryonic antigen as a tumor marker using a novel graphene-based label-free electrochemical immunosensor**

Jozghorbani, Maryam; Fathi, Mojtaba; Kazemi, Sayed Habib; **Alinejadian, Navid** Analytical biochemistry 2021 / art. 114017 <https://doi.org/10.1016/j.ab.2020.114017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Developing mineral foam blocks from oil shale byproducts through accelerated carbonation**

Thomas, Adheena; Yörük, Can Rüstü; Usta, Mustafa Cem; Pantšenko, Nata-Ly; Hain, Tiina; Uibu, Mai; Triikkel, Andres ACS omega 2025 / p. 47051-47064 <https://doi.org/10.1021/acsomega.5c05438>

**Ecotoxicity of nanosized magnetite to crustacean Daphnia magna and duckweed Lemna minor**

Blinova, Irina; Kanarbik, Liina; Irha, Natalja; Kahru, Anne Hydrobiologia 2017 / p. 141-149 : ill <https://doi.org/10.1007/s10750-015-2540-6> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Electrospinning of nanofibrous composites with cellulose acetate, ionic liquids and graphene oxide =**

Tselluloosatsetaadi, ionsete vedelike ja grafeenoksiidi nanokiuliste komposiitide elektroketrus  
Javed, Kashif 2019 <https://digi.lib.ttu.ee/i/?12424>

**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

**Faktikontroll : Grafeenoksiidi sisaldus vaktsiinides on ülemaailmse levikuga vale, mis ka Eestis vaibuda ei taha [Võrguväljaanne]**

Raudsik, Heliis epl.delfi.ee 2022 "FAKTIKONTROLL | Grafeenoksiidi sisaldus vaktsiinides on ülemaailmse levikuga vale, mis ka Eestis vaibuda ei taha."

**Ferromagnetism in rare earth doped cerium oxide bulk samples**

Chandra Dimri, Mukesh; Khanduri, Himani; Kooskora, Helgi; Subbi, Juhan; Heinmaa, Ivo; Mere, Arvo; Krustok, Jüri; Stern, Raivo Physica status solidi (a) 2012 / p. 353-358 : ill <https://onlinelibrary.wiley.com/doi/full/10.1002/pssa.201127403>  
<https://onlinelibrary.wiley.com/doi/full/10.1002/pssa.201127403>

**Generality of marine allene oxide synthesis by the allene oxide synthase-lipoxygenase fusion protein pathway**

Löhelaid, Helike; Järving, Reet; Samel, Nigulas FEBS journal 2008 / Suppl. 1, p. 413

**Hierarchical nanostructures of ZnO obtained by spray pyrolysis**

Dedova, Tatjana; Krunks, Malle; Oja Acik, Ilona; Klauson, Deniss; Volobujeva, Olga; Mere, Arvo Materials chemistry and physics 2013 / p. 69-75 : ill <https://doi.org/10.1016/j.matchemphys.2013.04.026> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**High temperature behavior of NiO-based oxygen carriers for chemical looping combustion**

Kuusik, Rein, keemik; Triikkel, Andres; Lyngfelt, Anders; Mattisson, Tobias Energy procedia 2009 / p. 3885-3892 : ill

**Homogeneous deposition of copper oxide on mesoporous 1D alumina nanofibres by combustion approach**

Kirakosyan, Khachatur; Aghayan, Marina; Rodriguez, Miguel Angel; Taleb, Masoud; Hussainova, Irina Proceedings of the Estonian Academy of Sciences 2016 / p. 97-100 : ill [https://artiklid.elnet.ee/record=b2768206\\*est](https://artiklid.elnet.ee/record=b2768206*est) <https://doi.org/10.3176/proc.2016.2.06> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Hot and cold regions during accumulative roll bonding of Al/Al<sub>2</sub>O<sub>3</sub> nanofibre composites**

Pramono, Agus; Kollo, Lauri; Veinthal, Renno Proceedings of the Estonian Academy of Sciences 2016 / p. 132-137 : ill [https://artiklid.elnet.ee/record=b2768216\\*est](https://artiklid.elnet.ee/record=b2768216*est) <https://doi.org/10.3176/proc.2016.2.12> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Identification of a functional allene oxide synthase-lipoxygenase fusion protein in the soft coral Gersemia fruticosa suggests the generality of this pathway in octocorals**

Löhelaid, Helike; Järving, Reet; Valmsen, Karin; Varvas, Külliki; Kreen, Malle; Järving, Ivar; Samel, Nigulas Biochimica et biophysica acta 2008 / 2, p. 315-321 <https://www.sciencedirect.com/science/article/abs/pii/S030441650700253X>

**Influence of electrolyte scaffold microstructure and loading of MIEC material on the electrochemical performance of RSOC fuel electrode**

Maide, Martin; Lillmaa, Kadi; Salvan, Laur Kristjan; Möller, Priit; Uibu, Mai; Lust, Enn; Nurk, Gunnar Fuel Cells 2018 / p. 789-799 <https://doi.org/10.1002/fuce.201800087> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Influence of Ni concentration on electrochemical and crystallographic properties of La<sub>0.25</sub>Sr<sub>0.25</sub>Ca<sub>0.4</sub>Ti<sub>1-x</sub>Ni<sub>x</sub>O<sub>3-δ</sub> solid oxide fuel cell anode**

Korjus, Ove; Möller, Priit; Kooser, Kuno; Käämbre, Tanel; Volobujeva, Olga; Nerut, Jaak; Kotkas, S.; Lust, Enn; Nurk, Gunnar Journal of Power Sources 2021 / Art. n.r 229739 <https://doi.org/10.1016/j.jpowsour.2021.229739> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Influence of soft modes in the local dynamics of defects (SrTiO<sub>3</sub>)**

Kristoffel, Nikolai; Klopov, Mihhail Physica status solidi. B, Basic solid state physics 1989 / p. K119-K121 [https://www.estel.ee/record=b1198778\\*est](https://www.estel.ee/record=b1198778*est)

### **Influence of temperature on the performance of Nafion coated RuO<sub>2</sub> based pH electrodes**

Uppuluri, Kiranmai; **Lazouskaya, Maryna**; Szwagierczak, Dorota; Zaraska, Krzysztof 2021 IEEE International Conference on Flexible and Printable Sensors and Systems (FLEPS), Manchester, United Kingdom 2021 / 4 p  
<https://doi.org/10.1109/FLEPS51544.2021.9469758>

### **Interaction of fungus with titanium oxide surface**

Binauskiene, E.; Lugauskas, Albinas; **Krunks, Malle**; **Oja Acik, Ilona**; Jasulaitiene, Vitalija; Šaduikis, G. 9th National Lithuanian Conference : Vilnius, October 16, 2009 2009 / p. 88

### **K<sub>2</sub>CO<sub>3</sub>-containing composite sorbents based on a ZrO<sub>2</sub> aerogel for reversible CO<sub>2</sub> capture from ambient air**

Veselovskaya, Janna; **Derevshchikov, Vladimir**; Shalygin, Anton S.; Yatsenko, Dmitry Microporous and Mesoporous Materials 2021 / art. 110624 <https://doi.org/10.1016/j.micromeso.2020.110624> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Magnetic properties of functional oxides = Funktsionaalsete oksiidide magnetilised omadused**

Khanduri, Himani 2013 [https://www.ester.ee/record=b2954989\\*est](https://www.ester.ee/record=b2954989*est)

### **Mineral Exploration of the Senegalese Grande Cote heavy minerals placer: QEMSCAN characterisation of Fe-Ti oxides for ore modelling**

Kanzari, Aisha; **Graul, Sophie Jane Marie-Pascale Huguette**; Delaporte, Arthur; **Hints, Rutt**; Blancher, Simon Mineral Exploration of the Senegalese Grande Cote heavy minerals placer: QEMSCAN characterisation of Fe-Ti oxides for ore modelling 2024 / 2 p.  
<https://doi.org/10.5194/egusphere-egu24-19227>

### **MMS kolm aastat hiljem : skandaal hävitas karjääre, sõpruskondi ja peresid**

Tigasson, Külli-Riin Eesti Ekspress 2018 / lk. 28-29 : ill

### **Molar mass and temperature dependence of the thermodiffusion of polyethylene oxide in water/ethanol mixtures**

Wang, Zilin; Afanasenkau, Dzmitry; **Dong, Minjie**; Huang, Danni; Wiegand, Simone Journal of chemical physics 2014 / art. 064904, 8 p. : ill <https://doi.org/10.1063/1.4891720> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Molekulide XeOn (n=2-4) arvutused : kas ksenoonidioksiidi molekul võiks eksisteerida? = Calculations for XeOn (n=2-4): could the xenon dioxide molecule exist?**

**Tamm, Toomas**; Pyykkö, P. XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 166

### **Nafion as a protective membrane for screen-printed pH-sensitive ruthenium oxide electrodes**

**Lazouskaya, Maryna**; **Tamm, Martti**; **Scheler, Ott**; Uppuluri, Kiranmai; Zaraska, Krzysztof 2020 17th Biennial Baltic electronics conference, Tallinn, Estonia, October 6-8, 2020 : proceedings 2020 / 4 p. : ill <https://doi.org/10.1109/BEC49624.2020.9276822>

### **Nickel oxide films by chemical spray : effect of deposition temperature and solvent type on structural, optical, and surface properties**

**Chen, Zengjun**; **Dedova, Tatjana**; **Oja Acik, Ilona**; **Danilson, Mati**; **Krunks, Malle** Applied surface science 2021 / art. 149118  
<https://doi.org/10.1016/j.apsusc.2021.149118> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **NiO reduction by Mg plus C combined reducer at high heating rates**

Zakaryan, Marieta; Nazaretyan, K.T.; **Aydinyan, Sofiya**; Kharatyan, Suren Journal of thermal analysis and calorimetry 2021 / p. 1811-1817 : ill <https://doi.org/10.1007/s10973-020-10148-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Preparation and characterization of superconducting YBa<sub>2</sub>(Cu<sub>1-x</sub>Crx)<sub>4</sub>O<sub>8</sub> oxides by thermal analysis**

Nenartaviciene, G.; **Tõnsuaadu, Kaia**; Jasaitis, D.; Beganskiene, Aldona; Kareiva, Aivaras Journal of thermal analysis and calorimetry 2007 / 1, p. 173-178 : ill

### **Process optimization for catalytic oxidation of dibenzothiophene over UiO-66-NH<sub>2</sub> by using a response surface methodology**

**Barghi, Bijan**; **Jürisoo, Martin**; Volokhova, Maria; Seinberg, Liis; Reile, Indrek; **Mikli, Valdek**; **Niidu, Allan** ACS omega 2022 / p. 16288-16297 : ill <https://doi.org/10.1021/acsomega.1c05965> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Relations between metal ion characteristics and adsorption performance of graphene oxide: A comprehensive experimental and theoretical study**

Kong, Qiaoping; **Preis, Sergei**; Li, Leli; Luo, Pei; Wei, Cong; Li, Zemin; Hu, Yun; Wei, Chaohai Separation and purification technology 2020 / art. 115956 ; 8 p. : ill <https://doi.org/10.1016/j.seppur.2019.115956> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Removing the oxide layer in a nanostructured aluminum alloy by local shear deformation between nanoscale phases**

Wang, Zhi; **Prashanth, Konda Gokuldoss**; Zhang, W.W. Powder technology 2019 / p. 733-737 : ill  
<https://doi.org/10.1016/j.powtec.2018.11.093> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Research of the possibility of producing finely divided materials from natural raw materials for reactive powder concretes by mechanochemistry**

Abramov, M.A.; Stepanov, E.G.; **Goljandin, Dmitri**; Dobrokhotov, V.B. Journal of physics : conference series 2019 / art. 012023, 5 p. : ill <https://doi.org/10.1088/1757-899X/666/1/012023> Conference proceedings at Scopus Article at Scopus

**Room temperature ferromagnetism in Ca and Mg stabilized cubic zirconia bulk samples and their thin films**

Chandra Dimri, Mukesh; **Khanduri, Himani**; Kooskora, Helgi; Kodu, Margus; Jaaniso, Raivo; Heinmaa, Ivo; **Mere, Arvo**; **Krustok, Jüri**; Stern, Raivo 4th WUN International Conference on Spintronics (WUN-SPIN 2012) : 23–25 July 2012, Sydney, Australia 2012 <https://iopscience.iop.org/article/10.1088/0022-3727/45/47/475003>

**Room-temperature ferromagnetism in Ca and Mg stabilized cubic zirconia bulk samples and thin films prepared by pulsed laser deposition**

Chandra Dimri, Mukesh; **Khanduri, Himani**; Kooskora, Helgi; Kodu, Margus; Jaaniso, Raivo; Heinmaa, Ivo; **Mere, Arvo**; **Krustok, Jüri**; **Stern, Raivo** Journal of physics D : applied physics 2012 / p. 475003-1 - 475003-7 : ill <https://iopscience.iop.org/article/10.1088/0022-3727/45/47/475003>

**RUO2-Nafion electrodes for pH measurement in milk**

**Lazouskaya, Maryna**; **Scheler, Ott**; Uppuluri, Kiranmai; Zaraska, Krzysztof; Tamm, Martti 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 131

**Ruthenium oxide electrode integrated with molecularly imprinted polymer for direct electrochemical sensing of a neurotrophic factor protein**

**Ayankojo, Akinrinade George**; **Reut, Jekaterina**; **Boroznjak, Roman**; **Sõritski, Vitali** Sensors and Actuators B: Chemical 2025 / art. 137301 <https://doi.org/10.1016/j.snb.2025.137301>

**Sol-gel derived single source precursors for rare-earth substituted superconducting oxides**

**Tõnsuaadu, Kaia**; Baubonyte, T.; Beganskiene, Aldona; Jasaitis, D.; Kareiva, Aivaras Chemine technologija 2002 / 5, p. 12-16 : ill

**Solution combustion synthesis of MnFeCoNiCu and (MnFeCoNiCu)3O4 high entropy materials and sintering thereof**

**Aydinyan, Sofiya**; Kirakosyan, Hasmik; Sargsyan, Armen; **Volobujeva, Olga**; Kharatyan, Suren Ceramics International 2022 / p. 20294-20305 : ill <https://doi.org/10.1016/j.ceramint.2022.03.310> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Spectral interferences in argon plasma on elemental analysis of rare earth elements oxides by ICP-AES**

Paama, L.; Perämäki, P.; Pärnoja, E. 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 103

**Spectroscopic and phase-stabilisation properties of pure and rare-earth ions activated ZrO2 and HfO2**

Lange, Sven 2010 [https://www.ester.ee/record=b2592707\\*est](https://www.ester.ee/record=b2592707*est)

**Spektraalsed häired argoonplasmas haruldaste muldmetallide oksiidide analüüsil ICP-AES meetodil**

Paama, L.; Perämäki, P.; Pärnoja, E. XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 94

**Stress relaxation mechanism by strain in the Si-SiO2 system and its influence on the interface properties**

**Kropman, Daniel**; Seeman, Viktor; Dolgov, Sergei; Heinmaa, Ivo; Medvid, Artur Physica Status Solidi (C) Current Topics in Solid State Physics 2016 / p. 790 - 792 <https://doi.org/10.1002/pssc.201600051> Journal metrics at Scopus Article at Scopus Article at WOS

**Structural and electrical characterisation of high-k ZrO2 thin films deposited by chemical spray pyrolysis method**

**Oluwabi, Abayomi Titilope**; **Oja Acik, Ilona**; **Katerski, Atanas**; **Mere, Arvo**; **Krunks, Malle** Thin Solid Films 2018 / p. 129 - 136 <https://doi.org/10.1016/j.tsf.2018.07.035> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Study of oxygen vacancy dynamics in Sc-doped ceria with NMR techniques = Hapniku vakantsi dünaamika uurimine Sc-lisandiga tseeriumdioksiidis TMR abil**

**Pöder, Reio** 2015 [https://www.ester.ee/record=b4494538\\*est](https://www.ester.ee/record=b4494538*est)

**The antisymmetric stretching frequency of BO2**

**Lomp, Peeter-Egil**; Stepanov, N.; Simkin, V.; Dementjev, A. Eesti NSV Teaduste Akadeemia toimetised. Keemia = Proceedings of Academy of Sciences of the Estonian SSR. Chemistry = Известия Академии наук Эстонской ССР. Химия 1985 / lk. 231-234 [https://www.ester.ee/record=b1264984\\*est](https://www.ester.ee/record=b1264984*est) <https://www.etera.ee/zoom/19206/view?page=1&p=separate&tool=info>

**The coexistence of [gamma(gamma')] and [teeta] alumina observed by STM and LEED on top of oxide layer grown on CoAl(1 0 0)**

**Podgurski, Vitali**; Rose, V.; Costina, J.; Franchy, R. Applied surface science 2006 / 24, p. 8394-8398 : ill

**The impact of pretreatment with ozone, chlorine dioxide and potassium permanganate on THM formation: laboratory case studies**

Graham, Nigel; **Preis, Sergei**; Lambert, Stephan; Ma, Jun; Li, Guan Premier Colloque International de recherche sur "Les sous-produits de traitement et d'épuration des eaux", 29 et 30 September 1994, Palais des Congres du Futurscope a Poitiers (France) = First International Research Symposium on Water Treatment by-Products 1994 / p. 0-15 (9th pag.)  
[https://www.oieau.fr/eaudoc/system/files/documents/6/31346/31346\\_doc.pdf](https://www.oieau.fr/eaudoc/system/files/documents/6/31346/31346_doc.pdf)

**Thermoanalytical study of acetylacetone modified titanium(IV)isopropoxide as a precursor for TiO<sub>2</sub> films**

**Krunk, Malle; Oja, Ilona; Tõnsuaadu, Kaia**; Es-Souni, M.; Gruselle, M.; Niinistö, L. ICTAC 13 : 13th International Congress on Thermal Analysis and Calorimetry : XXVI Conference AICAT-GICAT : Chia Laguna, September 12-19, 2004 : book of abstracts 2004 / p. 276 <https://link.springer.com/article/10.1007/s10973-005-0681-y>

**Изучение действия катализаторов при реакции хлорокиси фосфора с фенолом**

**Raudsepp, Hugo; Piiraja, Eduard** Сборник статей по химии и технологии горючего сланца. 4 1958 / с. 183-206 : илл  
[https://www.ester.ee/record=b2181270\\*est](https://www.ester.ee/record=b2181270*est) <https://digikogu.taltech.ee/et/Item/9e663eaf-55f5-4ab2-9ec1-85514c07981d>

**Изучение механизма и кинетика реакции хлорокиси фосфора с фенолом**

**Raudsepp, Hugo; Piiraja, Eduard** Сборник статей по химии и технологии горючего сланца. 4 1958 / с. 166-182 : илл  
[https://www.ester.ee/record=b2181270\\*est](https://www.ester.ee/record=b2181270*est) <https://digikogu.taltech.ee/et/Item/9e663eaf-55f5-4ab2-9ec1-85514c07981d>

**Изучение механизма и кинетики реакции резорцина с фенилоксифосфорилдихлоридом**

**Piiraja, Eduard; Raudsepp, Hugo** Сборник статей по химии и технологии горючего сланца. 4 1958 / с. 207-225 : илл  
[https://www.ester.ee/record=b2181270\\*est](https://www.ester.ee/record=b2181270*est) <https://digikogu.taltech.ee/et/Item/9e663eaf-55f5-4ab2-9ec1-85514c07981d>

**Исследование действия катализаторов при конденсации резорцина с фенилоксифосфорилдихлоридом**

**Raudsepp, Hugo; Piiraja, Eduard** Сборник статей по химии и технологии горючего сланца. 4 1958 / с. 226-241 : илл  
[https://www.ester.ee/record=b2181270\\*est](https://www.ester.ee/record=b2181270*est) <https://digikogu.taltech.ee/et/Item/9e663eaf-55f5-4ab2-9ec1-85514c07981d>

**Using of color centers transformation in tungsten oxide electrochromic films for hydrogen atoms detection**

Ges, I.A.; Budkevich, B.A. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 277-278: ill

**Vacuum hot pressing of oxide dispersion strengthened ferritic stainless steels : effect of al addition on the microstructure and properties**

Ganesan, Dharmalingam; Sellamuthu, Prabhukumar; **Prashanth, Konda Gokuldoss** Journal of Manufacturing and Materials Processing 2020 / art. 93 <https://doi.org/10.3390/jmmp4030093> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Влияние атмосферы, содержащей SO<sub>2</sub>, на процесс высокотемпературной коррозии железа в присутствии золы сланцев, сульфатной и хлоридной смесей**

**Talimets, Ellen** Процессы и аппараты химической технологии и технология неорганических веществ. 2 1971 / с. 87-95 : илл  
[https://www.ester.ee/record=b1531303\\*est](https://www.ester.ee/record=b1531303*est) <https://digikogu.taltech.ee/et/Item/ae6e2dd0-3320-48ce-b2bc-5254c0336474/>

**Исследование каталитической дегидрогенизации гексана на окисях ванадия (сообщение I)**

**Raudsepp, Hugo; Siirak, Maare** Сборник статей по химии и химической технологии. 16 1966 / с. 21-29  
[https://www.ester.ee/record=b2182131\\*est](https://www.ester.ee/record=b2182131*est) <https://digikogu.taltech.ee/et/Item/f8f6923a-790f-42fd-a717-a9a0681d4df5>

**Исследование каталитической окислительной деструкции углеводородов и кислородных соединений.**

**Сообщение 14. Исследование каталитического окисления циклоалканов над двуокисью ванадия**

**Mikkal, Maret-Elo; Raudsepp, Hugo** Технология органических веществ. 6 1974 / с. 11-18 [https://www.ester.ee/record=b1446922\\*est](https://www.ester.ee/record=b1446922*est)  
<https://digikogu.taltech.ee/et/Item/22bf26dc-cffe-498c-b90f-34dc039a428f>

**Исследование каталитической окислительной деструкции углеводородов и кислородных соединений.**

**Сообщение 16. Исследование каталитического окисления пропилена кислородом воздуха в газовой фазе на катализаторе двуокиси ванадия**

**Raudsepp, Hugo; Jaagusoo, Marika**; Ester, T. Технология органических веществ. 6 1974 / с. 27-33 : илл  
[https://www.ester.ee/record=b1446922\\*est](https://www.ester.ee/record=b1446922*est) <https://digikogu.taltech.ee/et/Item/22bf26dc-cffe-498c-b90f-34dc039a428f>

**Исследование каталитической окислительной деструкции углеводородов и кислородных соединений.**

**Сообщение 17. Исследование окисления пентенов кислородом воздуха на двуокиси ванадия**

**Raudsepp, Hugo; Einborn, Illi** Технология органических веществ. 6 1974 / с. 35-41 : илл [https://www.ester.ee/record=b1446922\\*est](https://www.ester.ee/record=b1446922*est)  
<https://digikogu.taltech.ee/et/Item/22bf26dc-cffe-498c-b90f-34dc039a428f>

**Исследование каталитической окислительной деструкции углеводородов и кислородных соединений. Сообщение 15. Исследование каталитического окисления изобутилена кислородом воздуха в газовой фазе на катализаторе двуокиси ванадия**

**Raudsepp, Hugo; Jaagusoo, Marika** Технология органических веществ. 6 1974 / с. 19-26 : илл  
[https://www.ester.ee/record=b1446922\\*est](https://www.ester.ee/record=b1446922*est) <https://digikogu.taltech.ee/et/Item/22bf26dc-cffe-498c-b90f-34dc039a428f>

**Исследование окисления некоторых углеводов на катализаторе двуокиси ванадия : автореферат...**  
кандидата технических наук (05.17.04)  
**Einborn, Illi** 1973 [http://www.ester.ee/record=b3555390\\*est](http://www.ester.ee/record=b3555390*est)

**Локальная динамика кристалла SrTiO<sub>3</sub> с дефектами**  
**Klopov, Mihhail; Kristoffel, Nikolai** Физика твердого тела 1988 / с. 3357-3361 [https://www.ester.ee/record=b1258896\\*est](https://www.ester.ee/record=b1258896*est)

**О высокотемпературной коррозии стали в присутствии сульфатов и оксидов серы**  
**Arumeel, Edgar; Vilbok, Heinrich; Siirde, Aino; Unt, Lilia** Процессы и аппараты химической технологии и технологии неорганических веществ. 1 1969 / с. 105-109 [https://www.ester.ee/record=b1304968\\*est](https://www.ester.ee/record=b1304968*est) <https://digikogu.taltech.ee/et/Item/776d7a60-8e51-4e74-b6db-8995a4e621b0/>

**О факторах, влияющих на образование окислов из азота топлива**  
**Ots, Arvo; Jegorov, Dmitri; Saar, Karl** Исследование работы парогенераторов электростанций 1979 / с. 43-50 : илл  
[https://www.ester.ee/record=b1271273\\*est](https://www.ester.ee/record=b1271273*est) <https://digikogu.taltech.ee/et/Item/aa46d054-b6b8-4ad0-bfd6-b9ce1a581794>

**Окисление ароматических соединений применением четырехоксида рутения**  
**Karik, Hergi** Технология органических веществ. 3 1970 / с. 71-76 : илл [https://www.ester.ee/record=b1475714\\*est](https://www.ester.ee/record=b1475714*est)  
<https://digikogu.taltech.ee/et/Item/fcbf4feb-b620-4ce2-afd4-b68afdf951e1/>

**Экспериментальное исследование термического сопротивления окисной пленки методом регулярного теплового режима**  
**Vinogradova, V.; Anson, Pavel** XVI студенческая научно-техническая конференция вузов Прибалтики, Белорусской ССР и Калининградской области, посвященная 100-летию со дня рождения В. И. Ленина : 20-25 апреля 1970 г. : (тезисы докладов). Электротехника и энергетика 1970 / с. 106-107 [https://www.ester.ee/record=b1379483\\*est](https://www.ester.ee/record=b1379483*est)