

#### **A thermoanalytical study of synthetic carbonate-containing apatites**

**Tõnsuaadu, Kaia; Peld, Merike;** Leskelä, T.; Mannonen, R.; Niinistö, L.; **Veiderma, Mihkel** *Thermochimica acta* 1995 / p. 55-65  
<https://www.sciencedirect.com/science/article/abs/pii/0040603194021690>

#### **A thermoanalytical study of synthetic carbonate-containing apatites**

**Tõnsuaadu, Kaia; Peld, Merike;** Leskelä, Tuula; Mannonen, Risto; Niinistö, Lauri; **Veiderma, Mihkel** 14th Nordic Symposium on Thermal Analysis and Calorimetry, Oslo, 15-17 June 1994 : [abstracts] 1994 / I. P-14

#### **Behavior of carbonate-rich fuels in AFBC and PFBC conditions**

**Ots, Arvo; Arro, Hendrik; Pihu, Tõnu; Prikk, Arvi** Proceedings of the 15th International Conference on Fluidized Bed Combustion : May 16-19, 1999, Savannah, Georgia [CD-ROM] 1999 / 20 p <https://www.osti.gov/biblio/20006717>

#### **Behaviour of carbonate rich and high chlorine fuels in PF, AFBC and PFBC conditions : emissions, ash deposits and corrosion**

**Ots, Arvo** Effective Utilization of Low Grade Fuel by Fluidized Bed Technology : December 1-3, 1999, Tsukuba, Japan : proceedings of ITIT Symposium 1999 / p. 1-10

#### **Behaviour of high carbonate content fuel in PF and FBC conditions**

**Ots, Arvo** Abstracts of 4th UK Meeting on Coal Research and Its Application 2002 / p. 16-17

#### **Changes in the structure of carbonate apatite on calcination**

**Peld, Merike; Tõnsuaadu, Kaia; Veiderma, Mihkel;** Koel, Mihkel; **Bender, Villem** 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 112

#### **Comparative study of the thermal behavior of mechanoactivated natural carbonate substituted apatites from Africa (Tunisia), Europe (Bulgaria, Estonia), and Asia (Uzbekistan)**

Petkova, Vilma; **Kaljuvee, Tiit; Tõnsuaadu, Kaia;** Serafimova, E.; Dombalova, I.; Pelovski, Y. ESTAC10 : 10th European Symposium on Thermal Analysis and Calorimetry : August 22-27, 2010, Rotterdam, The Netherlands : abstract book 2010 / p. 189

#### **Contributions of autochthonous and allochthonous sources to dissolved organic matter in a large, shallow, eutrophic lake with a highly calcareous catchment**

Toming, Kaire; Tuvikene, Lea; Vilbaste, Sirje; Agasild, Helen; Viik, Malle; **Kisand, Anu;** Feldmann, Tõnu; **Martma, Tõnu;** Jones, Roger I.; Nõges, Tiina *Limnology and oceanography* 2013 / p. 1259-1270 : ill <https://doi.org/10.4319/lo.2013.58.4.1259> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Decomposition and sulphation of calcareous compounds during combustion of Estonian oil shale**

**Triikkel, Andres; Kuusik, Rein, keemik; Uibu, Mai** Sixth International Symposium & Exhibition on Environmental Contamination in Central and Eastern Europe and the Commonwealth of Independent States : 1-4 September 2003, Prague, Czech Republic : symposium program 2003 / p. 192

#### **Direct dating of deposition and rift-related alteration of fossil-barren red bed units in the North Sea**

Hodgskiss, Malcolm S.W.; Roberts, Nick M.W.; Paiste, Päärn; Rameil, Niels; Hammer, Erik; Brunstad, Harald; **Lepland, Aivo** *Journal of the Geological Society* 2024 / art. jgs2023-052 <https://www.lyellcollection.org/doi/abs/10.1144/jgs2023-052>  
<https://doi.org/10.1144/jgs2023-052> [Journal metrics at scopus](#) [Article at scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Effect of fluoride and carbonate substitutions on apatites Cd<sup>2+</sup> sorption capacity**

**Peld, Merike; Tõnsuaadu, Kaia; Bender, Villem; Veiderma, Mihkel** *Toxicological and environmental chemistry* 2001 / p. 43-53  
[https://www.researchgate.net/publication/250894615\\_Effect\\_of\\_fluoride\\_and\\_carbonate\\_substitutions\\_on\\_apatites\\_Cd\\_sorption\\_capacity](https://www.researchgate.net/publication/250894615_Effect_of_fluoride_and_carbonate_substitutions_on_apatites_Cd_sorption_capacity)

#### **Effect of process parameters on strength and carbonation of engineered building materials by calcium rich alkali wastes**

**Usta, Mustafa Cem; Yörük, Can Rüstü; Gregor, Andre; Hain, Tiina; Uibu, Mai; Triikkel, Andres** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 40 [https://fmdtk.ut.ee/wp-content/uploads/2021/06/GSFMT\\_abstractbook\\_2021.pdf](https://fmdtk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf)

#### **Extent of carbonate decomposition in CFB boiler firing oil shale with different properties**

**Plamus, Kristjan** 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14-19, 2008 2008 / p. 39-43 : ill

#### **Extent of carbonate decomposition in CFB boilers firing Estonian oil shale**

**Arro, Hendrik; Pihu, Tõnu; Prikk, Arvi; Rootamm, Rein** Circulating Fluidized Bed Technology IX : proceedings of the 9th International Conference on Circulating Fluidized Beds in conjunction with 4th International VGB Workshop "Operating Experience with Fluidized Bed Firing Systems" : May 13-16, 2008, Hamburg, Germany 2008 / p. 595-599 : ill  
[https://www.researchgate.net/publication/289667079\\_Extent\\_of\\_carbonate\\_decomposition\\_in\\_CFB\\_boilers\\_firing\\_estonian\\_oil\\_shale](https://www.researchgate.net/publication/289667079_Extent_of_carbonate_decomposition_in_CFB_boilers_firing_estonian_oil_shale)

#### **First record of the trace fossil Oikobesalon from the Late Ordovician (Sandbian) of Russia**

Vinn, Olev; **Toom, Ursula** *Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen* 2023 / p. 43-48  
<https://doi.org/10.1127/njgpa/2023/1147> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Fluid source and methane-related diagenetic processes recorded in cold seep carbonates from the Alvheim channel, central North Sea**

Cremiere, Antoine; **Lepland, Aivo**; Chand, Shyam; **Martma, Tõnu** Chemical geology 2016 / p. 16-33 : ill

<https://doi.org/10.1016/j.chemgeo.2016.03.019> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Heteroconjugation-based capillary electrophoretic separation of phenolic compounds in acetonitrile and propylene carbonate**

**Kuldvee, Ruth; Vaher, Merike; Koel, Mihkel; Kaljurand, Mihkel** Electrophoresis 2003 / p. 1627-1634 : ill

[https://www.researchgate.net/publication/10747352\\_Heteroconjugation-Based\\_Capillary\\_Electrophoretic\\_Separation\\_of\\_Phenolic\\_Compounds\\_in\\_Acetonitrile\\_and\\_Propylene\\_Carbonate](https://www.researchgate.net/publication/10747352_Heteroconjugation-Based_Capillary_Electrophoretic_Separation_of_Phenolic_Compounds_in_Acetonitrile_and_Propylene_Carbonate)

### **Impact of the carbonate substitution on HAP crystal lattice**

**Niitsoo, Jaanika; Kallaste, Toivo; Mikli, Valdek; Nemliher, Jüri; Tõnsuaadu, Kaia** The Third International Conference on the Valorization of Phosphates and Phosphorus Compounds : COVA Phos 3 : Marrakech, Morocco, March 18th-20th, 2009 : abstracts 2009 / p. 189-192 : ill

### **Impact of the carbonate substitution on HAP crystal lattice**

**Niitsoo, Jaanika; Kallaste, Toivo; Mikli, Valdek; Nemliher, Jüri; Tõnsuaadu, Kaia** Researchers' Network on Phosphates : The Third International Conference on the Valorization of Phosphates and Phosphorus Compounds : COVAPHOS III : Marrakech, Morocco, March 18th-20th, 2009 : proceedings 2009 / p. 22-26

### **Influence of oxy-fuel combustion of Ca-rich oil shale fuel on carbonate stability and ash composition**

**Konist, Alar; Valtsev, Aleksandr; Loo, Lauri; Pihu, Tõnu; Liira, Martin; Kirsimäe, Kalle** Fuel 2015 / p. 671-677 : ill

<https://doi.org/10.1016/j.fuel.2014.09.050> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Long-term fluid expulsion revealed by carbonate crusts and pockmarks connected to subsurface gas anomalies and palaeo-channels in the central North Sea**

Chand, Shyam; Cremiere, Antoine; **Lepland, Aivo**; Thorsnes, Terje; Brunstad, Harald; Stoddart, Daniel Geo-marine letters 2017 / p. 215-227 : ill <https://doi.org/10.1007/s00367-016-0487-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Modeling of decomposition and sulphation of oil shale carbonates on the basis of natural limestone**

**Trikkel, Andres; Kuusik, Rein, keemik** Oil shale 2003 / 4, p. 491-500 : ill [https://artiklid.elnet.ee/record=b1014398\\*est](https://artiklid.elnet.ee/record=b1014398*est)

### **Muutused karbonaatapatiitide struktuuris kuumutamisel**

**Peld, Merike; Tõnsuaadu, Kaia; Veiderma, Mihkel; Koel, Mihkel; Bender, Villem** XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 102

### **Ordovician and Silurian ichnofossils from carbonate facies in Estonia: A collection-based review**

**Toom, Ursula; Vinn, Olev; Hints, Olle** Palaeoworld 2019 / p. 123-144 : ill <https://doi.org/10.1016/j.palwor.2018.07.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Petrography and geochemistry of seep carbonates from the Barents Sea**

Himmler, Tobias; **Martma, Tõnu**; Bünz, Stefan; Panieri, Giuliana; Knies, Jochen; **Lepland, Aivo** IAS 2019 : 34th International Association of Sedimentologists 2019 Meeting of Sedimentology, Rome, Italy, 10-13 September 2019 2019 / 1 p <https://iasroma2019.exordo.com/programme/presentation/1235>

### **Phosphorus removal from solutions by carbonaceous wastes**

**Veskimäe, Helgi; Kuusik, Rein, keemik; Veiderma, Mihkel** Proceedings of the Estonian Academy of Sciences. Chemistry 1997 / 1/2, p. 21-30

### **Protracted post-glacial hydrocarbon seepage in the Barents Sea revealed by U–Th dating of seep carbonates**

Himmler, Tobias; Wagner, Doris; Sahy, Diana; Vadakkepuliymbatta, Sunil; Chand, Shyam; **Martma, Tõnu**; Kirsimäe, Kalle; Matningsdal, Rune; Panieri, Giuliana; **Lepland, Aivo** Frontiers in earth science 2024 / art. 1355621, 11 p. : ill <https://doi.org/10.3389/feart.2024.1355621> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Rare arthropod traces from the Ordovician and Silurian of Estonia (Baltica)**

Vinn, Olev; **Toom, Ursula** Neues Jahrbuch für Geologie und Paläontologie 2016 / p. 135-141 : ill <https://doi.org/10.1127/njgpa/2016/0570> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Structural controls on seepage of thermogenic and microbial methane since the last glacial maximum in the Harstad Basin, southwest Barents Sea**

Crémière, Antoine; Chand, Shyam; Sahy, Diana; Thorsnes, Terje; **Martma, Tõnu**; Noble, Stephen R.; Pedersen, Jon Halvard; Brunstad, Harald; **Lepland, Aivo** Marine and Petroleum Geology 2018 / p. 569-581 <https://doi.org/10.1016/j.marpetgeo.2018.07.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Synergistic effects of fluorine and carbonate on Cd<sup>2+</sup> binding properties of apatites**

**Tõnsuaadu, Kaia; Peld, Merike; Veiderma, Mihkel** Phosphorus, sulphur, and silicon and the related elements 1999 / p. 417

### **The influence of pressure on behaviour of fuel carbonates**

**Ots, Arvo; Pihu, Tõnu; Hlebnikov, Aleksandr** Impact of Mineral Impurities in Solid Fuel Combustion 1999 / p. 685-696

### **The influence of pressure on the behaviour of oil shale carbonates**

**Ots, Arvo; Pihu, Tõnu; Hlebnikov, Aleksandr** Oil shale 1997 / 3, p. 284-298: ill

### **The late Sandbian/Early Katian carbonate succession in the eastern St. Petersburg region: the stratigraphic record in the Krapivno 21 drill core**

**Hints, Linda; Lehnert, Oliver; Nõlvak, Jaak; Männik, Peep; Pärnaste, Helje; Joachimski, Michael M.** XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 13 [https://www.ester.ee/record=b5696260\\*est](https://www.ester.ee/record=b5696260*est) <https://files.geocollections.info/16c906be-0636-4d30-95fe-065c76cc887a.pdf>

### **Utilization of Estonian oil shale as high carbonates content fuel**

**Ots, Arvo** CUSTNET : 3rd International Conference on Coal Utilization Science and Technology, Bucharest May 6-7, 1998 1998 / [6] p.: ill

### **Vapor pressures of phenolic compounds found in pyrolysis oil**

**Mozaffari, Parsa; Järvik, Oliver; Baird, Zachariah Steven** Journal of chemical & engineering data 2020 / p. 5559-5566 <https://doi.org/10.1021/acs.jced.0c00675> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Wintertime sea-ice chemistry and influence of glacial freshwater discharge during two contrasting years in a Spitsbergen fjord**

**Fransson, A.; Chierici, M.; Nomura, D.; Martma, Tõnu** Goldschmidt Conference abstracts : 2016 2016 / p. 843 <http://goldschmidt.info/2016/uploads/abstracts/finalPDFs/A-Z.pdf>

### **Исследование обжига карбонатного шлама в печи кипящего слоя**

**Viisimaa, Ludmilla; Kuusik, Rein; keemik; Veiderma, Mihkel** Журнал прикладной химии 1978 / с. 1087-1091 : ил [https://www.ester.ee/record=b1182398\\*est](https://www.ester.ee/record=b1182398*est)

### **О синтезе поликарбонатов резорцина**

**Raudsepp, Hugo; Järv, Endel** Сборник статей по химии и химической технологии. 10 1964 / с. 25-36 : илл [https://www.ester.ee/record=b2181961\\*est](https://www.ester.ee/record=b2181961*est) <https://digikogu.taltech.ee/et/Item/9569e6db-150a-42c8-bf3b-765725dfd969>

### **О содержании карбонатов в фосфоритах**

**Veiderma, Mihkel; Anso, J.; Kasesalu, S.** Сборник статей по химии и химической технологии. 9 1962 / с. 233-237 [https://www.ester.ee/record=b2181586\\*est](https://www.ester.ee/record=b2181586*est) <https://digikogu.taltech.ee/et/Item/d0996552-6e32-425c-a38e-d8f33ab8faf6>

### **Обжиг карбонатного шлама в печи кипящего слоя**

**Lepmets, E.; Veiderma, Mihkel** XX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР : тезисы докладов. Часть 2 1974 / с. 359 [https://www.ester.ee/record=b1306141\\*est](https://www.ester.ee/record=b1306141*est)

### **Отделение карбонатов от фосфатного вещества фосфоритов методом избирательного растворения**

**Veiderma, Mihkel; Veskimäe, Helgi** Eesti NSV Teaduste Akadeemia toimetised. Keemia. Geoloogia = Известия Академии наук Эстонской ССР. Химия. Геология 1971 / с. 8-13 : илл [https://www.ester.ee/record=b1264554\\*est](https://www.ester.ee/record=b1264554*est) <https://www.etera.ee/zoom/12184/view?page=10&p=separate&tool=info>

### **Регенерация извести при обжиге карбонатного шлама в печи кипящего слоя**

**Viisimaa, Ludmilla; Kuusik, Rein; keemik; Veiderma, Mihkel** Тезисы докладов XI Всесоюзной научной межвузовской конференции по технологии неорганических веществ и минеральных удобрений. Ч. 2. 1978 / с. 113-115

### **Свободный формальдегид в древесно-полимерных материалах. Сообщение 7, Технологические аспекты обработки древесно-композиционных материалов бикарбонатом аммония**

**Vares, Toomas; Sillajõe, Aadu; Kaps, Tiit** Tallinna Tehnikaülikooli Toimetised 1990 / lk. 68-73

### **Свойства извести, регенерированной из карбонатного шлама в печи кипящего слоя**

**Viisimaa, Ludmilla; Kuusik, Rein; keemik; Veiderma, Mihkel** Бумажная промышленность : целлюлоза, бумага, картон : ежемесячный научно-технический и производственный журнал 1978 / с. 18-19 [https://www.ester.ee/record=b2132938\\*est](https://www.ester.ee/record=b2132938*est)

### **Синтез поликарбонатов на базе алкилрезорцинов**

**Järv, Endel; Raudsepp, Hugo** Сборник статей по химии и химической технологии. 18 1968 / с. 21-28 : илл [https://www.ester.ee/record=b2182210\\*est](https://www.ester.ee/record=b2182210*est) <https://digikogu.taltech.ee/et/Item/da497296-14c1-45a6-b8d9-501e8c574070>

**Сопоставление способов измельчения карбонатсодержащих фосфоритов при термосепарации**

**Kuusik, Rein, keemik; Kaljuvee, Tiit; Veskimäe, Helgi** Дезинтеграторная технология : тезисы докладов VIII всесоюзного семинара, 1-3 окт. 1991, Киев 1991 / с. 104-105

**Термические превращения в смесях полифосфата кальция с карбонатами**

**Tõnsuaadu, Kaia; Veiderma, Mihkel; Vilbok, Heinrich** Тезисы докладов Всесоюзной конференции "Фосфаты-87" : [22-24 сентября 1987 г.] 1987 / с. 596 [https://www.ester.ee/record=b4415763\\*est](https://www.ester.ee/record=b4415763*est)

**Термосепарационное обогащение карбонатсодержащих фосфоритов**

**Veiderma, Mihkel; Kuusik, Rein, keemik; Kaljuvee, Tiit; Kangur, H.** XI всесоюзный симпозиум по механохимии и механоэмиссии твердых тел, 11-14 сент. 1990 г., Чернигов : тезисы докладов. Т. 2 1990 / с. 167-168

**A Balanoglossites-Trypanites ichnofabric from the Upper Ordovician warm-water carbonates of Estonia**

**Toom, Ursula; Kröger, Björn; Knaust, Dirk** Following in the footsteps of Richard Granville Bromley : abstracts and field guide 2023 / p. 38 : ill

[https://www.researchgate.net/publication/375450713\\_Following\\_in\\_the\\_footsteps\\_of\\_Richard\\_Granville\\_Bromley\\_abstracts\\_and\\_field\\_guide\\_17th\\_International\\_Ichnofabric\\_Workshop\\_23-29\\_October\\_2023\\_in\\_Faxe\\_Denmark](https://www.researchgate.net/publication/375450713_Following_in_the_footsteps_of_Richard_Granville_Bromley_abstracts_and_field_guide_17th_International_Ichnofabric_Workshop_23-29_October_2023_in_Faxe_Denmark)