

### **A spectroscopic and photometric study of 12 BM Camelopardalis**

Kalv, Peep *Astronomical journal* 1995 / 3

### **A spectroscopic and photometric study of 12 BM Camelopardalis**

Hall, D.S.; Fekel, F.C.; Kalv, Peep *Astrophysical journal. Supplement series* 1994

### **The Acidity of Weak NH Acids : Expanding the pKa Scale in Acetonitrile**

Lõkov, Märt; Kesküla, Carmen; Tshepelevitsh, Sofja; Pikma, Marta-Lisette; Saame, Jaan; Trubitsõn, Dmitri; Kanger, Tõnis; Leito, Ivo *ACS Organic & Inorganic Au* 2025 <https://doi.org/10.1021/acsorginorgau.4c00095>

### **An alternative chlorine-assisted optimization of CdS/Sb2Se3 solar cells : towards understanding of chlorine incorporation mechanism**

Gopi, Sajeesh Vadakkedath; Spalatu, Nicolae; Katerski, Atanas; Kulicek, Jaroslav; Razek, Bohuslav; Ukraintsev, Egor; Barinkova, Marketa Šlapal; Zoppi, Guillaume; Krunk, Malle; Oja Acik, Ilona *Journal of alloys and compounds* 2024 / art. 176175 <https://doi.org/10.1016/j.jallcom.2024.176175> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **An XPS and AFM study of polypyrrole coating on mild steel**

Idla, Katrin; Talo, A.; Niemi, H.E.-M.; Forsen, Olof; Yläsaari, Seppo *Surface and interface analysis* 1997 / 9, [18] p.: ill

### **Analysis of barrier inhomogeneities of P-type Al/4H-SiC Schottky barrier diodes**

Ziko, Mehadi Hasan; Koel, Ants; Rang, Toomas; Toompuu, Jana *Silicon Carbide and Related Materials* 2019 : Selected peer-reviewed papers from International Conference on Silicon Carbide and Related Materials 2019 (ICSCRM 2019), September 29 - October 4, 2019, Kyoto, Japan *Materials science forum* 2020 / p. 960-972 <https://doi.org/10.4028/www.scientific.net/MSF.1004.960> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Analysis of deep level spectrum in GaAs p+-p-i-n-n+ structures**

Toompuu, Jana; Sleptšuk, Natalja; Korolkov, Oleg; Rang, Toomas *Materials characterization VII* 2015 / p. 283-294 : ill

### **Analysis of grain orientation and defects in Sb2Se3 solar cells fabricated by close-spaced sublimation**

Krautmann, Robert; Spalatu, Nicolae; Gunder, Rene; Abou-Ras, Daniel; Unold, Thomas; Schorr, Susan; Oja Acik, Ilona; Krunk, Malle *GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 17* [https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT\\_abstractbook\\_2021.pdf](https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf)

### **Analysis of grain orientation and defects in Sb2Se3 solar cells fabricated by close-spaced sublimation : [journal article]**

Krautmann, Robert; Spalatu, Nicolae; Gunder, Rene; Abou-Ras, Daniel; Unold, Thomas; Schorr, Susan; Krunk, Malle; Oja Acik, Ilona *Solar energy* 2021 / p. 494-500 <https://doi.org/10.1016/j.solener.2021.07.022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Analysis of microstructure and abrasive wear of Fe-based hardfacings with TiC, in-situ synthesized from TiO2**

Yöyler, Sibel; Surzhenkov, Andrei; Antonov, Maksim; Viljus, Mart; Traksmäa, Rainer; Juhani, Kristjan *Euro PM2023 : proceedings 2023 / art. 195090* <https://doi.org/10.59499/EP235762969>

### **Analysis of organic species in sediments and soil by high performance separation methods = Orgaaniliste ainete analüüs sette ja mulla proovides kõrgefektiivsete lahutusmeetodite abil**

Makarõtševa, Natalja 2011 <https://digi.lib.ttu.ee/i/?614>

### **Application of diffuse reflectance spectroscopy for quick laboratory assessment of Estonian oil shale quality**

Tufail, Iram; Paris, Peeter; Jõgi, Indrek; Riisalu, Hella *Proceedings of the Estonian Academy of Sciences* 2020 / p. 134-142 : ill <https://doi.org/10.3176/proc.2020.2.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Assessing tissue hydration dynamics based on water/fat separated MRI**

Karlsson, Markus; Indurain, Ainhoa; Romu, Tobias; Tunon, Patrik; Segelmark, Marten; Uhlin, Nils Fredrik Arne; Fernström, Anders; Dahlqvist Leinhard, Olof *Journal of magnetic resonance imaging* 2023 / p. 652-660 <https://doi.org/10.1002/jmri.28581> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Bioimpedance and spectroscopy**

2021 <https://doi.org/10.1016/C2018-0-04440-0>

### **Bioimpedance spectro-tomography system using binary multifrequency excitation [Online resource]**

Min, Mart; Lehti-Poljärvi, M.; Hyttinen, Jari; Rist, Marek; Land, Raul; Annus, Paul *International journal of bioelectromagnetism* *Proceedings of the 11th International Conference on Bioelectromagnetism : 23-25 May 2018, Aachen, Germany 2018 / p. 76-79 : ill* <http://www.ijbem.org/> <https://publications.rwth-aachen.de/record/723893/files/723893.pdf>

### **Characterization of deep level traps in semiconductor structures using numerical experiments**

Koel, Ants; Rang, Toomas; Rang, Galina *Materials characterization VII* 2015 / p. 253-261 : ill

### **Characterization of dissolved organic matter in lake sediment pore water samples by spectroscopic methods**

**Makarõtsëva, Natalja; Lepane, Viia** 8th European Meeting on Environmental Chemistry (EMEC8) : Inverness, Scotland, 5-8 December 2007 : book of abstracts 2007 / p. 26

### **Combined SEM microscopic and spectroscopic study of selenization of thin metallic films**

**Volobujeva, Olga; Mellikov, Enn** First Joint Meeting of Dreiländertagung and Multinational Congress on Microscopy. 3, Materials science 2009 / p. 449-450 : ill

### **Comparative results of low temperature annealing of lightly doped n-layers of silicon carbide irradiated by protons and electrons**

Kozlovski, Vitali V.; **Korolkov, Oleg**; Lebedev, Alexander A.; **Toompuu, Jana; Sleptsuk, Natalja** Silicon Carbide and Related Materials 2019 : 18th International Conference on Silicon Carbide and Related Materials 2019 (ICSCRM 2019), Kyoto, Japan, September 29 - October 4, 2019 2020 / p. 231-236 <https://doi.org/10.4028/www.scientific.net/MSF.1004.231> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Comparative study of thin films prepared by different curing methods of perhydropolysilazane**

**Shmagina, Elizaveta; Danilson, Mati; Mikli, Valdek; Bereznev, Sergei** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / art. 54 [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

### **Comparison of individual SiC JBS chips and JBS stacks connected in series by diffusion welding**

**Sleptsuk, Natalja; Korolkov, Oleg; Toompuu, Jana; Rang, Toomas** BEC 2010 : 2010 12th Biennial Baltic Electronics Conference : proceedings of the 12th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 4-6, 2010, Tallinn, Estonia 2010 / p. 81-84 : ill

### **Corrigendum to "An alternative chlorine-assisted optimization of CdS/Sb<sub>2</sub>Se<sub>3</sub> solar cells: Towards understanding of chlorine incorporation mechanism" [J. Alloy. Compd. 1005 (2024) 176175](S0925838824027622)(10.1016/j.jallcom.2024.176175)**

**Vadakkedath Gopi, Sajeesh; Spalatu, Nicolae; Katerski, Atanas;** Kuliček, Jaroslav; Rezek, Bohuslav; Ukraintsev, Egor; Bařínková, Markéta Šlapal; Zoppi, Guillaume; **Krunks, Malle; Acik, Ilona Oja** Journal of alloys and compounds 2024 / art. 176729, 1 p <https://doi.org/10.1016/j.jallcom.2024.176729> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Detection of deuterium retention by LIBS at different background pressures**

Paris, Peeter; Butikova, J.; Laan, Matti; Aints, Mart; Hakola, A.; Piip, Kaarel; **Tufail, Iram**; Veis, P. Physica scripta 2017 / art. 014003, 5 p. : ill <https://doi.org/10.1088/0031-8949/2017/T170/014003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Determination of heating value of Estonian oil shale by laser-induced breakdown spectroscopy**

Aints, Mart; Paris, Peeter; Laan, Matti; Piip, Kaarel; **Riisalu, Hella; Tufail, Iram** Journal of spectroscopy 2018 / 10 p. : ill <https://doi.org/10.1155/2018/4605925> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Determination of the calorific value and moisture content of crushed oil shale by LIBS**

Aints, Märt; Paris, Peeter; **Tufail, Iram**; Jõgi, Indrek; Aosaar, Hardi; **Riisalu, Hella; Laan, Matti** Oil shale 2018 / p. 339-355 : ill <https://doi.org/10.3176/oil.2018.4.04> [http://www.kirj.ee/public/oilshale\\_pdf/2018/issue\\_4/OS-2018-4-339-355.pdf](http://www.kirj.ee/public/oilshale_pdf/2018/issue_4/OS-2018-4-339-355.pdf) [https://artiklid.elnet.ee/record=b2868183\\*est](https://artiklid.elnet.ee/record=b2868183*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Determination of the total sulphur content of oil shale by using different analytical methods**

**Maaten, Birgit; Pikkor, Heliis; Konist, Alar; Siirde, Andres** Oil shale 2018 / p. 144-153 : ill <https://doi.org/10.3176/oil.2018.2.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Development of novel hierarchically microporous-mesoporous carbon and carbon nanospheres based materials and PEMFC single cells**

Lust, Enn; Sepp, Silver; Nerut, Jaak; **Taleb, Masoud** ECS transactions 2016 / p. 777-788 <http://dx.doi.org/10.1149/07514.0777ecst>

### **Development of novel hierarchically microporous-mesoporous carbon and carbon nanospheres based materials and PEMFC single cells**

Lust, Enn; Sepp, Silver; Nerut, Jaak; **Taleb, Masoud** PRiME Meeting : MA2016-02, October 2-7, 2016, Honolulu, Hawaii 2016 / p. 2539 <http://ma.ecsdl.org/content/MA2016-02/38/2539.abstract?sid=3a2322bd-5e72-463a-b64a-1b02d671829b>

### **Device characteristics of CuInSe<sub>2</sub> based solar cells**

**Krustok, Jüri; Danilson, Mati; Jagomägi, Andri; Grossberg, Maarja; Raudoja, Jaan** The Fourth International Conference on Advanced Optical Materials and Devices : (AOMD-4) : Tartu, Estonia, July 6-9, 2004 : abstracts 2004 / p. 45

### **Direct CVD growth of multi-layered graphene closed shells around alumina nanofibers**

**Ivanov, Roman; Mikli, Valdek; Kübarsepp, Jakob; Hussainova, Irina** Engineering materials and tribology : selected, peer reviewed papers from the 24th International Baltic Conference on Engineering Materials & Tribology (BALTMATRIB & IFHTSE

2015), November 5-6, 2015, Tallinn, Estonia 2016 / p. 77-80 : ill <https://doi.org/10.4028/www.scientific.net/KEM.674.77> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Effect of the substrate surface on properties of RF sputtered magnetronantimony selenide (Sb<sub>2</sub>Se<sub>3</sub>) for thin-films**  
**Uslu, Mehmet Ender; Grossberg, Maarja; Volobujeva, Olga** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 86 <http://fntdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

**Electrical bioimpedance analysis for evaluating the effect of pelotherapy on the human skin : methodology and experiments**

**Metshein, Margus;** Tuulik, Varje-Riin; Tuulik, Viuu; Kumm, Monika; **Min, Mart; Annus, Paul** Sensors 2023 / art. 4251 <https://doi.org/10.3390/s23094251> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Electrochemical impedance spectroscopy**

El-Azazy, Marwa; **Min, Mart; Annus, Paul** Intechopen 2020 <https://www.intechopen.com/books/10054> <https://doi.org/10.5772/intechopen.92333>

**Electronic and structural characterisation of Cu<sub>3</sub>BiS<sub>3</sub> thin films for the absorber layer of sustainable photovoltaics**

Yakushev, M.V.; Maiello, P.; **Raadik, Taavi; Krustok, Jüri** Thin solid films 2014 / p. 195-199 : ill <https://doi.org/10.1016/j.tsf.2014.04.057> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**EMI-transparent SB<sub>2</sub>S<sub>3</sub> solar cells with fluorene-based enamine as hole transport material**

**Juneja, Nimish; Mandati, Sreekanth;** Daskeviciute-Geguziene, Sarune; Vembris, Aivars; Getautis, Vytautas; **Krunks, Malle; Oja Acik, Ilona** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 21 I. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

**Fast assessment of oil shale quality by spectral methods = Põlevkivi kvaliteedi kiirmääramine spektraalsetel meetoditel**

**Tufail, Iram** 2022 <https://doi.org/10.23658/taltech.50/2022> <https://digikogu.taltech.ee/et/Item/23cf4874-d577-47fe-8dd0-8cf21a75cb0b> [https://www.ester.ee/record=b5511738\\*est](https://www.ester.ee/record=b5511738*est)

**Focusing aspects of delayed time reversal based nonlinear elastic wave spectroscopy methods**

**Lints, Martin;** Dos Santos, Serge; **Salupere, Andrus** 2016 IEEE International Ultrasonics Symposium, IUS : [September 18-21, Tours, France] 2016 / [4] p. : ill <https://doi.org/10.1109/ULTSYM.2016.7728831>

**Graphene-encapsulated aluminium oxide nanofibers as a novel type of nanofillers for electroconductive ceramics**

**Ivanov, Roman; Hussainova, Irina; Aghayan, Marina; Drozdova, Maria;** Perez-Coll, Domingo; Rodriguez, Miguel Angel; Rubio-Marcos, Fernando Journal of the European Ceramic Society 2015 / p. 4017-4021 : ill <https://doi.org/10.1016/j.jeurceramsoc.2015.06.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**High-resolution spectroscopic study of pore-water dissolved organic matter in Holocene sediments of Lake Peipsi (Estonia/Russia)**

**Leeben, Aina; Heinsalu, Atko; Alliksaar, Tiiu; Vassiljev, Jüri** Hydrobiologia 2010 / p. 21-31 <https://doi.org/10.1007/s10750-010-0174-2>

**How different geometrical factors influence on ECD spectra of porphyrin-based supramolecules**

**Osadchuk, Irina** 8th international conference on vibrational optical activity (VOA8) : book of abstracts 2024 / p. 76 [https://www.mertenlab.de/wp-content/uploads/2024/08/VOA8\\_book\\_of\\_abstracts.pdf](https://www.mertenlab.de/wp-content/uploads/2024/08/VOA8_book_of_abstracts.pdf)

**Hydrogen effects in equiatomic CrFeNiMn alloy fabricated by laser powder bed fusion**

Yang, Xuan; Yagodzinsky, Yuriy; Ge, Yanling; Lu, Eryang; Lehtonen, Joonas; **Kollo, Lauri;** Hannula, Simo-Pekka Metals 2021 / art. 872 <https://doi.org/10.3390/met11060872> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Hydrogen states in mixed-cation CuIn(1-x)Ga<sub>x</sub>Se<sub>2</sub> chalcopyrite alloys : a combined study by first-principles density-functional calculations and muon-spin spectroscopy**

Marinopoulos, Apostolos G.; Vilao, Rui C.; Alberto, Helena Vieira; Ribeiro, E. F. M.; Gil, J. M.; Mengyan, P. W.; Goeks, M. R.; **Kauk-Kuusik, Marit;** Lord, J. S. Philosophical magazine 2021 / p. 2412-2434 <https://doi.org/10.1080/14786435.2021.1972178> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**<sup>1</sup>H line width dependence on MAS speed in solid state NMR - comparison of experiment and simulation**

Sternberg, Ulrich; **Witter, Raiker;** Kuprov, Ilya; Lamley, Jonathan M.; **Oss, Andres;** Lewandowski, Jozef R.; **Samson, Ago** Journal of magnetic resonance 2018 / p. 32-39 : ill <https://doi.org/10.1016/j.jmr.2018.04.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Impact of the selenisation temperature on the structural and optical properties of CZTSe absorbers**

Marquez-Prieto, J.; Yakushev, M.V.; Forbes, I.; **Krustok, Jüri** Solar energy materials and solar cells 2016 / p. 42-50 : ill <https://doi.org/10.1016/j.solmat.2016.03.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Indium-free CIGS analogues : general discussion**

Andreasen, Jens Wenzel; Bowers, Jake W.; Breternitz, Joachim; Dale, Phillip J.; Dimitrievska, Mirjana; Fermin, David J.; Ganose, Alex; Gurieva, Galina; Hages, Charles J.; **Mandati, Sreekanth** Faraday Discussions 2022 / p. 85-111  
<https://doi.org/10.1039/D2FD90055F>

#### **Investigation of deep level centers in i- and n-layers of GaAs pin-diodes**

**Toompuu, Jana; Korolkov, Oleg; Sleptšuk, Natalja; Rang, Toomas** BEC 2014 : 2014 14th Biennial Baltic Electronics Conference : proceedings of the 14th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 6-8, 2014, Tallinn, Estonia 2014 / p. 25-28 : ill

#### **Investigation of p-i-n GaAs structures by DLTS method**

**Toompuu, Jana; Korolkov, Oleg; Sleptšuk, Natalja; Rang, Toomas** Elektronika ir elektrotehnika = Electronics and electrical engineering 2010 / 4, p. 51-54 : ill [https://www.researchgate.net/publication/267372152\\_Investigation\\_of\\_p-i-n\\_GaAs\\_structures\\_by\\_DLTS\\_method](https://www.researchgate.net/publication/267372152_Investigation_of_p-i-n_GaAs_structures_by_DLTS_method)

#### **Investigation of P-i-n GaAs structures by DLTS method : the deep level transient spectroscopy in application to GaAs p-i-n structures for identification of deep levels**

**Toompuu, Jana** 2010 <https://www.amazon.com/Investigation-p-i-n-GaAs-structures-method/dp/383839223X>

#### **Investigation of the silicon/polypyrrole interface by pulsed photoluminescence and IR spectroscopic ellipsometry during electrochemical deposition**

Zhang, Xin; **Sõritski, Vitali**; Sun, Guoguang; Hinrichs, Karsten; Rappich, Jörg Polymers for advanced technologies 2013 / p. 171

#### **Investigation of the structural, optical and electrical properties of Cu<sub>3</sub>BiS<sub>3</sub> semiconducting thin films**

Yakushev, M. V.; Maiello, P.; **Raadik, Taavi; Krustok, Jüri** Energy procedia 2014 / p. 166-172 : ill  
<https://doi.org/10.1016/j.egypro.2014.12.359> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Keemilistest muudatustest UV-kiiritatud puidupinnal**

**Kaps, Tiit**; Harvonen, Piia; **Rebane, Helen** XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 48-49

#### **Leakage currents in 4H-SiC JBS diodes**

Ivanov, Pavel; **Korolkov, Oleg; Sleptšuk, Natalja** Semiconductors 2012 / p. 397-400 : ill  
<https://link.springer.com/article/10.1134/S106378261203013X>

#### **Low processing temperatures explored in Sb<sub>2</sub>S<sub>3</sub> solar cells by close-spaced sublimation and analysis of bulk and interface related defects**

**Krautmann, Robert; Spalatu, Nicolae; Josepson, Raavo**; Nedzinskas, Ramunas; Kondrotas, Rokas; Gržibovskis, R.; Vembris, Aivars; **Krunks, Malle; Oja Acik, Ilona** Solar energy materials and solar cells 2023 / art. 112139, 9 p. : ill  
<https://doi.org/10.1016/j.solmat.2022.112139> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Manufacturing of silicon – Bioactive glass scaffolds by selective laser melting for bone tissue engineering**

Rodrigo-Vazquez, C. Sara; **Kamboj, Nikhil Kumar**; Aghayan, Marina; Saez, Ada; De Aza, Antonio de; Rodriguez, Miguel Angel; **Hussainova, Irina** Ceramics international 2020 / p. 26936-26944 : ill <https://doi.org/10.1016/j.ceramint.2020.07.171> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Mid-IR DIAL for high-resolution mapping of explosive precursors**

Mitev, Valentin M.; Babichenko, Sergey M.; Bennès, Jonathan; Borelli, Rodolfo; Dolfi-Bouteyre, Agnès; Fiorani, Luca; Hespel, Laurent; Huet, Thierry; Palucci, Antonio; Pistilli, Marco; Puiu, Adriana; Rebane, Ott; **Sobolev, Innokenti** Lidar technologies, techniques, and measurements for atmospheric remote sensing IX : 23 - 24 September 2013, Dresden, Germany 2013 / art. 88940S  
<https://doi.org/10.1117/12.2028374> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Monitoring the effect of pH on the growth of pathogenic bacteria using electrical impedance spectroscopy**

Razmi, Nasrin; **Lazouskaya, Maryna**; Pajcin, Ivana; Petrovic, Bojan; Grahovac, Jovana; Simic, Mitar; Willander, Magnus; Nur, Omer; Stojanovic, Goran M. Results in Engineering 2023 / art. 101425 <https://doi.org/10.1016/j.rineng.2023.101425> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Nanostructured fluorite-type fluorides as electrolytes for fluoride ion batteries**

Rongeat, Carine; Reddy, M. Anji; **Witter, Raiker**; Fichtner, Maximilian Journal of Physical Chemistry C 2013 / p. 4943 - 4950  
<https://doi.org/10.1021/jp3117825> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Ne, Ar, and Kr oscillators in the molecular cavity of fullerene C<sub>60</sub>**

Jafari, Tanzeeha; Shugai, Anna; Nagel, Urmas; Bacanu, George Razvan; Aouane, Mohamed; Jimenez-Ruiz, Monica; Rols, Stephane; Bloodworth, Sally; Walkey, Mark; Hoffman, Gabriela; Whitby, Richard J.; Levitt, Malcolm H.; Rõõm, Toomas The Journal of chemical physics 2023 / art. 234305 : ill <https://doi.org/10.1063/5.0152628>

### Notes on signals for simultaneous multipoint impedance spectroscopy

Priidel, Eiko; Min, Mart; Annus, Paul International Workshop on Impedance Spectroscopy : IWIS 2016 : September 26-28, 2016, Technische Universität Chemnitz, Germany : abstract book 2016 / p. 6-7 : ill

### On quasi-periodic intrinsic light variability in a close spectroscopic binary CX Dra

Pustölnik, Izold; Kalv, Peep; Harvig, Voldemar; Aas, Toomas Modern problems of astronomy 2007 / p. 54

[https://www.researchgate.net/publication/241210511\\_On\\_Quasi-Periodic\\_Intrinsic\\_Light\\_Variability\\_in\\_a\\_Close\\_Spectroscopic\\_Binary\\_CX\\_DRA](https://www.researchgate.net/publication/241210511_On_Quasi-Periodic_Intrinsic_Light_Variability_in_a_Close_Spectroscopic_Binary_CX_DRA)

### On the propagation of 1D solitary waves in Mindlin-type microstructured solids

Tamm, Kert; Salupere, Andrus Mathematics and computers in simulation 2012 / p. 1308-1320 : ill

<https://www.sciencedirect.com/science/article/pii/S0378475410002260>

Optimised signal processing for nonlinear ultrasonic nondestructive testing of complex materials and biological tissues =  
Optimeeritud signaalitöötlus mittelineaarsete komplekssete materjalide ja bioloogiliste kudede mittepurustavaks  
testimiseks ultraheliga = Traitement du signal optimisé pour l'évaluation non linéaire non destructive des matériaux  
complexes et des tissus biologiques

Lints, Martin 2017 <https://digi.lib.ttu.ee/ii/?8437> [https://www.ester.ee/record=b4689325\\*est](https://www.ester.ee/record=b4689325*est)

### The optoelectronic properties of Sb<sub>2</sub>(Se<sub>1-x</sub>, S<sub>x</sub>)<sub>3</sub> (x= 0 - 1) solid solutions

Ender, Mehmet; Volobujeva, Olga; Timmo, Kristi; Grossberg, Maarja GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 4 [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)

### Photoluminescence study of B-trions in MoS<sub>2</sub> monolayers with high density of defects

Kaupmees, Reelika; Komsa, Hannu-Pekka; Krustok, Jüri Physica status solidi (b) 2019 / art. 1800384, 5 p. : ill

<https://doi.org/10.1002/pssb.201800384> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Properties of CuSbSe<sub>2</sub> thin film solar cell absorbers deposited by magnetron co-sputtering

Penežko, Aleksei; Grossberg, Maarja; Volobujeva, Olga; Kauk-Kuusik, Marit GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 71 <http://fmdtk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

### QUADRA impedance spectroscopy devices for dynamic measurements of bio-objects

Rist, Marek; Reidla, Marko; Märten, Olev; Min, Mart; Annus, Paul; Land, Raul; Parve, Toomas 34th Annual International IEEE EMBS Conference : August 28 - September 1, 2012, Hilton Bayfront Hotel in San Diego, California, USA : abstracts 2012 / p. 557 : ill

Quantum dynamics of noble gas atoms and methane in the molecular cavity of fullerene : terahertz spectroscopy study =  
Väirisgaasi aatomite ja metaani kvantdünaamika fullereeni molekulaarses õõnsuses : terahertsspektroskoopia uurimus

Jafari, Tanzeem 2025 <https://digikogu.taltech.ee/et/Item/33879cfc-2e32-4b05-bdbc-86e033784086> <https://doi.org/10.23658/taltech.6/2025> [https://www.ester.ee/record=b5728363\\*est](https://www.ester.ee/record=b5728363*est)

### Radiative recombination in Cu<sub>2</sub>ZnSnSe<sub>4</sub> monograins studied by photoluminescence spectroscopy

Grossberg, Maarja; Krustok, Jüri; Timmo, Kristi; Altosaar, Mare Thin solid films 2009 / 7, p. 2489-2492 : ill

<https://www.sciencedirect.com/science/article/abs/pii/S0040609008014053>

### Raman spectroscopic study of In<sub>2</sub>S<sub>3</sub> films prepared by spray pyrolysis

Kärber, Erki; Otto, Kairi; Katerski, Atanas; Mere, Arvo; Krunks, Malle Materials science in semiconductor processing 2014 / p. 137-142 : ill <https://doi.org/10.1016/j.mssp.2013.10.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Raman spectroscopy for reliability assessment of multilayered AlCrN coating in tribo-corrosive conditions [Online resource]

Baroninš, Janis; Antonov, Maksim; Bereznev, Sergei; Raadik, Taavi; Hussainova, Irina Coatings 2018 / art. 229, 12 p. : ill

<https://doi.org/10.3390/coatings8070229> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Rapid assessment of photovoltaic activity of perovskite solar cells by photoluminescence spectroscopy

Dileep, K. Reshma; Mandati, Sreekanth; Ramasamy, Easwaramoorthi; Mallick, S; Rao, Tata Naransinga; Veerappan, Ganapathy Materials letters 2021 / art. 130056, 4 p. : ill <https://doi.org/10.1016/j.matlet.2021.130056>

### Reaction pathway to Cu<sub>2</sub>ZnSnSe<sub>4</sub> formation in CdI<sub>2</sub> : part 1. Chemical reactions and enthalpies in mixtures of CdI<sub>2</sub>-ZnSe, CdI<sub>2</sub>-SnSe, and CdI<sub>2</sub>-CuSe

Leinemann, Inga; Nkwusi, Godswill; Timmo, Kristi; Volobujeva, Olga; Danilson, Mati; Raudoja, Jaan vt.ka Mäddasson, Jaan; Kaljuvee, Tiit; Traksmaa, Rainer; Altosaar, Mare; Meissner, Dieter Journal of thermal analysis and calorimetry 2018 / p.409 - 421 : ill <https://doi.org/10.1007/s10973-018-7102-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Recent advances of carbon nanotubes synthesis by the electric arc technique using atomized platinum-group metal catalysts

Truus, Kalle; Volobujeva, Olga; Kaupmees, Reelika; Tamm, Aile; Rähn, Mihkel; Raid, Raivo; Koppel, Kaida; Tuvikene, Rando

Materials Science and Engineering: B 2024 / art. 117121 <https://doi.org/10.1016/j.mseb.2023.117121> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Rectangular wave excitation in wideband bioimpedance spectroscopy**

**Min, Mart; Paavle, Toivo; Annus, Paul; Land, Raul** IEEE International Workshop on Medical Measurements and Applications : MeMeA2009 : Cetraro, Italy, May 29-30, 2009 2009 / p. 268-271

### **Revealing aspects of cardiac function from fluorescence and electrophysiological recordings = Südametalituse uuringud fluorestsentsi ja elektrofüsioloogiliste mõõtmiste abil**

**Laasmaa, Martin** 2016 [http://www.ester.ee/record=b4632325\\*est](http://www.ester.ee/record=b4632325*est) <https://digikogu.taltech.ee/et/Item/5e9f5bd2-8295-4f7e-8f6d-65d0b8002a74>

### **A review on the application of machine learning in gamma spectroscopy : challenges and opportunities**

**Zehtabvar, Mehrnaz**; Taghandiki, Kazem; Madani, Nahid; Sardari, Dariush; **Bashiri, Bashir** Spectroscopy journal 2024 / p. 123-144 <https://doi.org/10.3390/spectroscj2030008>

### **Sb2S3 solar cells with TiO2 electron transporting layers synthesized by ALD and USP methods**

**Dedova, Tatjana; Krautmann, Robert**; Rusu, Marin; **Katerski, Atanas; Krunks, Malle**; Unold, Thomas; **Spalatu, Nicolae; Mere, Arvo; Sydorenko, Jekaterina; Sibinski, Maciej; Oja Acik, Ilona** Solar energy materials and solar cells 2025 / art. 113279 <https://doi.org/10.1016/j.solmat.2024.113279>

### **Shortfall of B3LYP in reproducing NMR JCH couplings in some isomeric epoxy structures with strong stereoelectronic effects : a benchmark study on DFT functionals**

**Adamson, Jasper**; Nazarski, Ryszard B.; Jarvet, Jüri; Pehk, Tõnis; **Aav, Riina** ChemPhysChem 2018 / p. 631-642 : ill <https://doi.org/10.1002/cphc.201701125> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Solid-state heteronuclear multiple-quantum spectroscopy under a magic-angle spinning frequency of 150 kHz**

Yuan, Eric Chung-Yueh; Chen, Po-Wen; Huang, Shing-Jong; **Org, Mai-Liis; Samoson, Ago**; Chan, Jerry Chun Chung Journal of the Chinese Chemical Society 2022 / p. 1449-1461 <https://doi.org/10.1002/jccs.202200063> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Some errors during impedance measurement**

**Annus, Paul; Land, Raul; Min, Mart** Book of abstracts : 16th International Conference on Electrical Bio-Impedance : 17th Conference on Electrical Impedance Tomography : ICEBI and EIT Stockholm, 19-23 June 2016 2016 / p. 90

### **Spectroscopic monitoring of carbamazepine crystallization and phase transformation in ethanol-water solution**

Qu, Haiyan; Kohonen, Jarmo; Louhi-Kultanen, Marjatta; Reinikainen, Satu-Pia; **Kallas, Juha** Industrial & engineering chemistry 2008 / p. 6991-6998

### **Spectroscopic properties, conduction processes and the Summerfield scaling of barium titanate ceramics based on Bi and Fe**

Gouadria, Hamida; Mnasri, Taoufik; Jamale, Atul P.; López Sánchez, Jesús; **Necib, Jallouli**; Marín, Pilar; Carmona, Noemi; Smari, Mourad Inorganic chemistry communications 2023 / art. 111417 <https://doi.org/10.1016/j.inoche.2023.111417> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The spectroscopy of the quantum criticality in a transverse field ising chain compound CoNb2O6 [Online resource]**

Viirik, Johan; **Hüvonen, Dan**; Rõõm, Toomas; Nagel, Urmas Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p <http://fntdk.ut.ee/teesid-2019/>

### **Spin-waves in magnetoelectric materials with strong single-ion anisotropy = Spinn-lained tugeva anisotroopiaga magnetelektrilistes materjalides**

**Peedu, Laur** 2022 <https://doi.org/10.23658/taltech.69/2022> <https://digikogu.taltech.ee/et/Item/b0fe0699-1bc6-407d-bc6e-2d0600f4ddd4> [https://www.ester.ee/record=b5527933\\*est](https://www.ester.ee/record=b5527933*est)

### **Study of kesterite solar cell absorbers by capacitance spectroscopy methods = Kesteriitsete päikesepatareide absorbermaterjalide uurimine mahtuvusspektroskoopiiliste meetoditega**

**Kask, Erkki** 2016 [https://www.ester.ee/record=b4573390\\*est](https://www.ester.ee/record=b4573390*est)

### **Substitution of histidine 30 by asparagine in manganese superoxide dismutase alters biophysical properties and supports proliferation in a K562 leukemia cell line**

Bonetta, Rosalin; Hunter, Gary J.; Trinh, Chi H.; Borowski, Tomasz; Fenech, Anthony G.; **Kulp, Maria**; Tabares, Leandro C.; Un, Sun; Hunter, Thérèse European biophysics journal 2021 / p. 571-585 : ill <https://doi.org/10.1007/s00249-021-01544-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Supramolecular chirogenesis in a sterically hindered Porphyrin : a critical theoretical analysis**

**Osadchuk, Irina; Luts, Hanna-Elisa**; Norvaiša, Karolis; **Borovkov, Victor**; Senge, Mathias O. Chemistry : a European journal 2023 / art. e202301408 <https://doi.org/10.1002/chem.202301408>

### **Supramolecular chirogenesis in a sterically hindered porphyrin: a critical theoretical analysis**

**Osadchuk, Irina; Luts, Hanna-Eliisa;** Norvaiša, Karolis; **Borovkov, Victor;** Senge, Mathias O. Chemistry : a European journal 2023 / art. e202302275 <https://doi.org/10.1002/chem.202302275> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Synthesis and characterization of pyrite FeS<sub>2</sub> solar cell absorber crystals and modifying their surface**

**Kristmann, Katriin; Raadik, Taavi; Altosaar, Mare; Mikli, Valdek; Danilson, Mati** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 29 I. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

### **Synthesis and characterization of tetrahedrite Cu<sub>10</sub>Cd<sub>2</sub>Sb<sub>4</sub>S<sub>13</sub> monograin material for photovoltaic application**

**Ghisani, Fairouz; Timmo, Kristi; Altosaar, Mare; Raudoja, Jaan; Mikli, Valdek; Pilvet, Maris; Kauk-Kuusik, Marit; Grossberg, Maarja** Materials science in semiconductor processing 2020 / art. 104973 <https://doi.org/10.1016/j.mssp.2020.104973> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Synthesis control of charge separation at anatase TiO<sub>2</sub> thin films studied by transient surface photovoltage spectroscopy**

**Dittrich, Thomas; Sydorenko, Jekaterina; Spalatu, Nicolae;** Nickel, Norbert H.; **Mere, Arvo; Krunks, Malle; Oja Acik, Ilona** ACS applied materials & interfaces 2022 / p. 43163-43170 <https://doi.org/10.1021/acsami.2c09032> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **ZnO nanorods via spray deposition of solutions containing zinc chloride and thiocarbamide**

**Dedova, Tatjana; Volobujeva, Olga; Klauson, Jelena; Mere, Arvo; Krunks, Malle** Nanoscale research letters 2007 / p. 391-396 : ill <https://link.springer.com/article/10.1007/s11671-007-9072-6>

### **Temperature dependent electrical characterization of thin film Cu<sub>2</sub>ZnSnSe<sub>4</sub> solar cells**

**Kask, Erkki; Krustok, Jüri;** Giraldo, Sergio; Neuschitzer, Markus; Lopez-Marino, Simon; Saucedo, E.M. Journal of Physics D: Applied Physics 2016 / art. 085101 <https://doi.org/10.1088/0022-3727/49/8/085101> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Terahertz absorption spectroscopy study of spin waves in orthoferrite YFeO<sub>3</sub> in a magnetic field**

**Amelin, Kirill;** Nagel, Urmass; Fishman, R.S.; Yoshida, Y.; Sim, Hasung; Park, Kisoo; Park, Je-Geun; Rõõm, Toomas Physical review B 2018 / art. 174417, 6 p. : ill <https://doi.org/10.1103/PhysRevB.98.174417>

### **Terahertz spectroscopy of spin excitations in magnetoelectric LiFePO<sub>4</sub> in high magnetic fields**

**Peedu, Laur;** Kocsis, V.; Szaller, D.; Forrai, B.; Bordacs, S.; Kezsmarki, I.; Viirik, Johan; Nagel, Urmass; Bernath, B.; Kamenskyi, D.L.; Miyata, A.; Portugall, O.; Tokunaga, Y.; Tokura, Y.; Taguchi, Y.; Rõõm, Toomas Physical review B 2022 / art. 134413, 12 p. : ill <https://doi.org/10.1103/PhysRevB.106.134413>

### **Terahertz spectroscopy of the helium endofullerene He@C<sub>60</sub>**

**Jafari, Tanzeeha; Bacanu, George Razvan; Shugai, Anna; Nagel, Urmass; Walkey, Mark; Hoffman, Gabriela; Levitt, Malcolm H.; Whitby, Richard J.; Rõõm, Toomas** Physical chemistry chemical physics 2022 / p. 9943–9952 : ill <https://doi.org/10.1039/d2cp00515h>

### **TG-FTIR analysis of oxidation kinetics of some solid fuels under oxy-fuel conditions**

**Meriste, T.; Yörük, Can Rüstü; Trikkel, Andres; Kuusik, Rein, keemik** ICTAC 15 - 15th International Congress on Thermal Analysis and Calorimetry : August 20-24, 2012, Osaka 2012 <https://link.springer.com/article/10.1007/s10973-013-3063-x>

### **The effect of S/SE ratio on the properties of Cu<sub>2</sub>CdGe(S<sub>x</sub>Se<sub>1-x</sub>)<sub>4</sub> monograin powders for photovoltaic applications**

**Li, Xiaofeng; Kauk-Kuusik, Marit; Timmo, Kristi; Pilvet, Maris; Grossberg, Maarja; Raadik, Taavi; Danilson, Mati; Mikli, Valdek** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 52 <http://fmdtk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

### **The role of structural properties on deep defect states in Cu<sub>2</sub>ZnSnS<sub>4</sub> studied by photoluminescence spectroscopy**

**Grossberg, Maarja; Krustok, Jüri; Raudoja, Jaan; Raadik, Taavi** Applied physics letters 2012 / p. 102102-1 - 102102-4 : ill <https://pubs.aip.org/aip/apl/article/101/10/102102/126713/The-role-of-structural-properties-on-deep-defect>

### **Thermal behavior of Estonian graptolite-argillite from different deposits**

**Kaljuvee, Tiit; Tõnsuaadu, Kaia; Einard, Marve; Mikli, Valdek; Kivimäe, Eliise-Koidula; Kallaste, Toivo; Trikkel, Andres** Processes 2022 / art. 1986 <https://doi.org/10.3390/pr10101986> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Thermal decomposition study of HAuCl<sub>4</sub>·3H<sub>2</sub>O and AgNO<sub>3</sub> as precursors for plasmonic metal nanoparticles**

**Otto, Kairi; Oja Acik, Ilona; Krunks, Malle; Tõnsuaadu, Kaia; Mere, Arvo** Journal of thermal analysis and calorimetry 2014 / p. 1065-1072 : ill <https://doi.org/10.1007/s10973-014-3814-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### THz gyrotron and BWO designed for operation in DNP-NMR spectrometer magnet

Bratman, V. L.; Fedotov, A. E.; Kalynov, Yu K.; Makhlov, Petr B.; Samoson, Ago Journal of Infrared, Millimeter, and Terahertz Waves 2013 / p. 837 - 846 <https://doi.org/10.1007/s10762-013-0024-1> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### To question indirect of objektive estimation influence of noises and vibrations on spectral parameters of speaker

Pospelov, B.; Dolotin, K. Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 63-64

### Two-photon spectroscopy as a new quantitative protonation probe = Kahefotoonne neeldumisspektroskoopia kui uus kvantitatiivne protoneerimise sond

Rammo, Matt 2023 <https://doi.org/10.23658/taltech.21/2023> <https://digikogu.taltech.ee/et/Item/f9c53f09-f44d-431c-9c3d-5858e514a3a4> [https://www.ester.ee/record=b5560469\\*est](https://www.ester.ee/record=b5560469*est)

### Waste paper sorting using imaging spectroscopy

Põlder, Ahti; Juurma, Märt; Tamre, Mart 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013 2013 / p. 283-284 : ill

### ВУФ-спектроскопия и дефекты нестехиометрических содалитов

Denks, Viktor; Ruus, Tõnu Вакуумная ультрафиолетовая спектроскопия ионных кристаллов : [сборник статей] 1981 / с. 97-124 : илл [https://www.ester.ee/record=b1310295\\*est](https://www.ester.ee/record=b1310295*est)

### Исследование р-п-переходов на основе 4H-SiC, изготовленных имплантацией бора, методом нестационарной емкостной спектроскопии

Ianov, Pavel; Potapov, Alexander; Samsonova, Tatyana; Korolkov, Oleg; Sleptšuk, Natalja Физика и техника полупроводников 2011 / с. 1358-1362 : ил

### Исследование структуры фенолформальдегидных поликонденсационных смол спектроскопическими методами. Сообщение V, Определение состава хроматографических фракций поликонденсатов 5-метилрезорцина с N-оксиметилкапролактамом

Lippmaa, Helle; Pehk, Tõnis; Christjanson, Peep Синтез и применение поликонденсационных клеев. [1] 1977 / с. 31-39 : илл [https://www.ester.ee/record=b1418128\\*est](https://www.ester.ee/record=b1418128*est) <https://digikogu.taltech.ee/et/Item/708124e8-a979-4c67-92ae-ee529ff008a7>

### Исследование структуры фенолформальдегидных поликонденсационных смол спектроскопическими методами. Сообщение 1. Изучение влияния прибавки капролактама на реакцию поликонденсации диметил-п-крезола

Lippmaa, Helle; Kiisler, Karl; Pehk, Tõnis Технология органических веществ. 6 1974 / с. 81-92 : 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 структуры фенолформальдегидных поликонденсационных смол спектроскопическими методами. Сообщение 2. Поликонденсаты резорцина и 5-метилрезорцина и влияние прибавки капролактама на их структуру

Lippmaa, Helle; Pehk, Tõnis; Kiisler, Karl; Christjanson, Peep Технология органических веществ. 6 1974 / с. 93-107 : 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 структуры фенолформальдегидных поликонденсационных смол спектроскопическими методами. Сообщение 3. Изучение продуктов поликонденсации резорцина с N - метилолкапролактамом

Lippmaa, Helle; Pehk, Tõnis; Kiisler, Karl; Christjanson, Peep Технология органических веществ. 6 1974 / с. 109-122 : 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 структуры фенолформальдегидных поликонденсационных смол спектроскопическими методами. Сообщение 4 : Определение состава хроматографических фракций поликонденсатов резорцина с N-оксиметилкапролактамом

Lippmaa, Helle; Pehk, Tõnis; Christjanson, Peep Технология органических веществ. 8 1976 / с. 73-91 : илл [https://www.ester.ee/record=b1475761\\*est](https://www.ester.ee/record=b1475761*est) <https://digikogu.taltech.ee/et/Item/38b2a836-99da-4b82-8058-1c2084a10575>

### Исследование структуры фенолформальдегидных смол спектроскопическими методами. Сообщ. 11, Конденсация смеси резорцина и 5-метилрезорцина со связанным в оксиметильные группы формальдегидом

Lippmaa, Helle; Välimäe, T. Синтез и применение поликонденсационных клеев. 8 1985 / с. 17-26

### Исследование структуры фенолформальдегидных смол спектроскопическими методами. Сообщ. 12, ЯМР <sup>13</sup>C отвержденных резорцин- и 5-метилрезорцинформальдегидных смол

Lippmaa, Helle; Samoson, A.V. Синтез и применение поликонденсационных клеев. 9 1986 / с. 13-25

### Исследование структуры фенолформальдегидных смол спектроскопическими методами. Сообщение IX, Сравнение состава и структуры резорциновых и 5-метилрезорциновых смол

**Lippmaa, Helle** Синтез и применение поликонденсационных клеев : сборник статей. 5 1982 / с. 13-21 : ил  
[https://www.ester.ee/record=b2191036\\*est](https://www.ester.ee/record=b2191036*est) <https://digikogu.taltech.ee/et/Item/948b14fd-94ea-4872-8724-96cfc1c27afe>

**Исследование структуры фенолформальдегидных смол спектроскопическими методами. Сообщение VI, Гелевая хроматография поликонденсатов 5-метилрезорцина**

**Lippmaa, Helle; Christjanson, Peep; Pehk, Tõnis** Синтез и применение поликонденсационных клеев. 2 1978 / с. 49-60 : илл  
[https://www.ester.ee/record=b2191006\\*est](https://www.ester.ee/record=b2191006*est) <https://digikogu.taltech.ee/et/Item/b615a4dd-bb4c-4a80-888a-b13d1a4c52d3>

**Исследование структуры фенолформальдегидных смол спектроскопическими методами. Сообщение VII, Влияние различных катализаторов на химическую структуру резорцин-формальдегидной смолы**

**Lippmaa, Helle; Olivson, A.** Синтез и применение поликонденсационных клеев. 3 1980 / с. 45-53 : илл  
[https://www.ester.ee/record=b2191029\\*est](https://www.ester.ee/record=b2191029*est) <https://digikogu.taltech.ee/et/Item/18e952ba-a2c4-42b8-9e19-228f813bf9e9>

**Исследование структуры фенолформальдегидных смол спектроскопическими методами. Сообщение VIII, ГПХ/ЯМР <sup>13</sup>C анализ фенол-5-метилрезорцинформальдегидной смолы**

**Lippmaa, Helle; Siilats, V.; Christjanson, Peep** Синтез и применение поликонденсационных клеев. 4 1981 / с. 15-27 : илл  
[https://www.ester.ee/record=b2191035\\*est](https://www.ester.ee/record=b2191035*est) <https://digikogu.taltech.ee/et/Item/b5691e32-e425-4279-b0c6-86c2af1f88a1>

**Попытка установления схемы ассоциации спиртов методы ИК-спектроскопии**

**Mölder, Leevi; Viikna, Anti** Тезисы докладов V Всесоюзной Менделеевской дискуссии по проблеме "Специфичность и чувствительность методов исследования растворов и возможности сопоставления их результатов", 10-12 окт. 1978 г. 1978 / с. 222-223

**Реакция амидометилирования. Сообщение XIV, Спектроскопическое исследование структуры N,N'-[(1,3-диоксифенил)-4,6-диметил]-ди-ε-капролактама**

**Oja, Holger; Christjanson, Peep; Välimäe, Toomas** Синтез и применение поликонденсационных клеев. 3 1980 / с. 13-23 : илл  
[https://www.ester.ee/record=b2191029\\*est](https://www.ester.ee/record=b2191029*est) <https://digikogu.taltech.ee/et/Item/18e952ba-a2c4-42b8-9e19-228f813bf9e9>

**Реакция амидометилирования. Сообщение 26, Спектроскопическое исследование пара-монозамещенных производных 2,6- и 2,5-диметилфенолов**

**Oja, Holger; Arro, Zelfira** Tallinna Tehnikaülikooli Toimetised 1990 / lk. 39-49: ill

**Спектроскопическое исследование продуктов пиролиза полиэтилена**

**Piiraja, Eduard; Oja, Holger** Tallinna Tehnikaülikooli Toimetised 1990 / lk. 69-79: ill