

Aatomid on nüüd nähtavamad : [TTÜ materjaliuuringu teaduskeskuses 9. veebr. alustatud materjalide nanostrukturi uurimisseadme (aatomjõumikroskoobi AFM) seadistamisest]  
Vähi, Kersti Õpetajate Leht 2006 / 10. märts, lk. 16

### Al-SiC nanocomposites produced by high-energy milling and hot pressing

Kollo, Lauri; Bradbury, Christopher R.; Leparoux, Marc 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 25 : ill

### Aluminate-based nanostructured luminescent materials : design of processing and functional properties

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### Atomic layer deposition of high-k dielectrics on carbon nanoparticles

Tamm, Aile; Koel, Mihkel; Peikolainen, Anna-Liisa Thin solid films 2013 / p. 16-20 : ill <https://doi.org/10.1016/j.tsf.2012.09.071> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### Cationic substitution effects in sol-gel derived Ca-phosphate bioceramics materials

Bogdanoviciene, Irma; Ezerskyte-Miseviciene, Akvile; Traksmaa, Rainer; Tõnsuaadu, Kaia; Kareiva, Aivaras Chemistry and Chemical Technology 2015 : International Conference of Lithuanian Chemical Society : dedicated to Professor Vitas Daukšas on his 80th birth anniversary : Vilnius, Lithuania, January 23, 2015 : programme and proceedings of the international conference 2015 / p. 66-69 : ill

### CdSe nanofiber and nanohorn structures on ITO substrates fabricated by electrochemical deposition

Kois, Julia; Gurevitš, Jelena; Bereznev, Sergei; Volobujeva, Olga; Öpik, Andres; Mellikov, Enn Applied surface science 2013 / p. 982-985 : ill <https://doi.org/10.1016/j.apsusc.2013.07.056> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### Chemical composition of sprayed copper indium disulfide films for nanostructured solar cells = Pihustatud vaskindiumdisulfiid-kilede keemiline koostis ja rakendus nanostruktuursetes päikesepatareides

Katerski, Atanas 2011 <https://digi.lib.ttu.ee/l/?2524>

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Dedova, Tatjana; Klauson, Jelena; Badre, C.; Pauporte, Th.; Nisumaa, Reet; Mere, Arvo; Volobujeva, Olga; Krunks, Malle Physica status solidi (a) : applications and materials science 2008 / 10, p. 2355-2359 : ill <https://onlinelibrary.wiley.com/doi/abs/10.1002/pssa.200779440>

### Chemical spray pyrolysis deposition of zinc sulfide thin films and zinc oxide nanostructured layers = Tsinksulfidi õhukedes kiled ning tsinkoksidi nanostruktuursed kihid keemilise pihustuspürolüsi meetodil

Dedova, Tatjana 2007 <https://digi.lib.ttu.ee/l/?155> [https://www.esther.ee/record=b2324660\\*est](https://www.esther.ee/record=b2324660*est)

### Combined sol-gel and carbothermal synthesis of ZrC-TiC powders for composites

Umalas, Madis; Hussainova, Irina; Reed, Valter; Yung, Der-Liang Materials chemistry and physics 2015 / p. 301-306 : ill <https://doi.org/10.1016/j.matchemphys.2015.01.017> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### Combustion synthesis and consolidation of Ni-W nanocomposite material

Zakaryan, Marieta; Aydinyan, Sofiya; Kharatyan, Suren Ceramics in modern technologies 2019 / p. 67-74 <https://doi.org/10.29272/cmt.2018.0007>

### Comparative study of nanostructured CdS thin films prepared by CBD and spray pyrolysis : annealing effect

Hiie, Jaan; Dedova, Tatjana; Valdma, Vello; Muska, Katri Thin solid films 2006 / p. 443-447 : ill

### 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

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### Development of aspen bleached chemithermomechanical pulp towards nanostructure = Haava pleegitud keemilis-termilise puutmassi töötlemine nanostruktuuride saamiseks

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## **Development of ZNO nanorods and NIO film based photocatalysts by solution methods for degradation of dyes in aqueous solution**

Chen, Zengjun; Dedova, Tatjana; Krunks, Malle Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 13 p [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](https://www.researchgate.net/publication/271903084_Development_of_sprayed_CuInS2_thin_film_absorber_for_nanostructured_solar_cell)

## **Droop control with incorporated dead zone for indirect energy management in DC nanogrids**

Roasto, Indrek; Blinov, Andrei; Vinnikov, Dmitri 2024 IEEE 21st International Power Electronics and Motion Control Conference (PEMC) 2024 / 6 p <https://doi.org/10.1109/PEMC61721.2024.10726394>

## **Effect of graphene nanoplatelet content on mechanical and elevated-temperature tribological performance of self-lubricating ZE10 magnesium alloy nanocomposites**

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[https://www.researchgate.net/publication/333641738\\_Elimination\\_und\\_Ruckgewinnung\\_von\\_Phosphor\\_aus\\_Abwasser\\_mithilfe\\_wiederverwendbarer\\_Nanokomposit-Magnetpartikel](https://www.researchgate.net/publication/333641738_Elimination_und_Ruckgewinnung_von_Phosphor_aus_Abwasser_mithilfe_wiederverwendbarer_Nanokomposit-Magnetpartikel)

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**Mere, Arvo; Katerski, Atanas; Dedova, Tatjana; Oja Acik, Ilona; Krunks, Malle** Proceedings 23rd European Photovoltaic Solar Energy Conference : 1-5 September, 2008, Valencia, Spain 2008 / p. 2147-2150

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**Dedova, Tatjana; Volobujeva, Olga; Gromöko, Inga; Mikli, Valdek; Mere, Arvo; Krunks, Malle** TÜ ja TTÜ doktorikool "Funktionsionaalsed materjalid ja tehnoloogiad" 2013 / [1] p

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**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

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2016 [http://www.esther.ee/record=b4601747\\*est](http://www.esther.ee/record=b4601747*est)

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2015 [http://www.esther.ee/record=b4454176\\*est](http://www.esther.ee/record=b4454176*est)

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