Aatomid on nüüd nähtavamad : [TTÜ materjaliuuringute teaduskeskuses 9. veebr. alustatud materjalide nanostruktuuri 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
Rojas Hernandez, Rocio Estefania; Rubio-Marcos, Fernando; Fernandez, Jose Francisco; **Hussainova, Irina** Materials 2021 / art. 4591 https://doi.org/10.3390/ma14164591 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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

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/i/?524

Chemical spray pyrolysis deposition of zinc sulfide thin films and zinc oxide nanostructured layers = Tsinksulfiidi õhukesed kiled ning tsinkoksiidi nanostruktuursed kihid keemilise pihustuspürolüüsi meetodil
Dedova, Tatjana 2007 https://digi.lib.ttu.ee/i/?155 https://www.ester.ee/record=b2324660*est

Combined sol-gel and carbothermal synthesis of ZrC-TiC powders for composites
Umalas, Madis; **Hussainova, Irina**; Reedo, Valter; **Yung, Der-Liang** Materials chemistry and physics 2015 / p. 301-306 : ill http://dx.doi.org/10.1016/j.matchemphys.2015.01.017

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**; **Valdna, Vello**; **Muska, Katri** Thin solid films 2006 / p. 443-447 : ill

Design optimization of graphene laminates for maximum fundamental frequency
Majak, Jüri; **Kirs, Maarjus**; **Eerme, Martin**; **Tungel, Ernst**; **Lepikult, Toomas** Proceedings of the Estonian Academy of Sciences 2017 / p. 354-362 : ill https://doi.org/10.3176/proc.2017.4.08

Development of aspen bleached chemithermomechanical pulp towards nanostructure = Haava pleegitatud keemilis-termilise puitmassi töötlemine nanostruktuuride saamiseks
Kärner, Kärt 2018 https://digi.lib.ttu.ee/i/?9947

Development of sprayed CuInS2 thin film absorber for nanostructured solar cell
Katerski, Atanas; **Kärber, Erki**; **Krunks, Malle**; **Mikli, Valdek**; **Mere, Arvo** Materials Research Society symposium proceedings 2012 https://www.researchgate.net/publication/271903084_Development_of_sprayed_CuInS2_thin_film_absorber_for_nanostructured_solar_cell

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 l. Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference 2022

Effect of graphene nanoplatelet content on mechanical and elevated-temperature tribological performance of self-lubricating ZE10 magnesium alloy nanocomposites
Kandemir, Sinan; **Yöyler, Sibel**; **Kumar, Rahul, 1993-**; **Antonov, Maksim**; Dieringa, Hajo Lubricants 2024 / art. 52 https://doi.org/10.3390/lubricants12020052

Effect of SiO2 and PTFE additives on dry sliding of NiP electroless coating
Gutsev, D.; **Antonov, Maksim**; **Hussainova, Irina**; Grigoriev, A.Y. Tribology international 2013 / p. 295-302 : ill

Elaboration of method for preparation of IVB group metal carbides nanocomposites
Umalas, Madis; Reedo, Valter; Lõhmus, Ants; **Hussainova, Irina** Functional Materials & Nanotechnologies : Riga, 5-8 April 2011 2011 / [1] p

Electrical characterization of all-layers-sprayed solar cell based on ZnO nanorods and extremely thin CIS absorber
Kärber, Erki; **Katerski, Atanas**; **Krunks, Malle** Solar energy 2013 / p. 48-58 : ill

Electrical characterization of nanostructured CIS solar cell prepared by chemical spray pyrolysis
Kärber, Erki; Abass, Aimi; Khelifi, Samira; Burgelman, Marc; **Mere, Arvo**; **Katerski, Atanas**; **Krunks, Malle** NEXTGEN NANO PV : book of abstracts 2013 / p. 80-81

Electrochemically synthesised CdSe nanofibers and pearl-chain nanostructures for photovoltaic applications
Kois, Julia; **Bereznev, Sergei**; **Gurevitš, Jelena**; **Volobujeva, Olga** Materials letters 2013 / p. 110-113 : ill

Electrodeposited CDSE nanomatrix for hybrid polymer solar cells
Gurevitš, Jelena; **Bereznev, Sergei**; **Mikli, Valdek**; **Naidu, Revathi**; **Öpik, Andres**; **Mellikov, Enn**; **Kois, Julia** Baltic Polymer Symposium 2015 : Sigulda, Latvia, September 16-18 : programme and proceedings 2015 / p. 96 : ill

Electrodeposition of cadmium chalcogenide films for hybrid solar cells = Kaadmiumkalkogeniidkilede elektrokeemiline sadestamine kasutamiseks hübriid-päikesepatareides
Maricheva, Jelena 2017 http://www.ester.ee/record=b4747305*est https://digi.lib.ttu.ee/i/?9117

Electrospun materials in triboelectric series
Savest, Natalja; **Krasnou, Illia**; **Krumme, Andres**; Dobryden, I.; Hakansson, K.; Edberg, J. Baltic Polymer Symposium, BPS2023 : programme and abstracts 2023 / p. 72 Baltic Polymer Symposium, BPS2023 : programme and abstracts

Elimination und Rückgewinnung von Phosphor aus Abwasser mit Hilfe wiederverwendbarer Nanokomposit-Magnetpartike
Ivanova Drenkova-Tuhtan, Asya Wasser 2019 : Jahrestagung der Wasserchemischen Gesellschaft, 27.-29. Mai 2019, Erfurt 2019 / S. 29–34 : ill http://d-nb.info/1187972673

Elimination und Rückgewinnung von Phosphor aus Abwasser mithilfe wiederverwendbarer Nanokomposit-Magnetpartikel
Ivanova Drenkova-Tuhtan, Asya Vom Wasser 2019 / S. 37−40 : ill http://www.wasserchemische-gesellschaft.de/de/vom-wasser-das-journal/seiten/vom-wasser
https://www.researchgate.net/publication/333641738_Elimination_und_Ruckgewinnung_von_Phosphor_aus_Abwasser_mithilfe_wiederverwendbarer_Nanokomposit-Magnetpartikel

Extremly thin absorber layer nanostructured solar cell by chemical spray pyrolysis
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

Fabrication of Cu-W nanocomposites by integration of self-propagating high-temperature synthesis and hot explosive consolidation technologies
Aydinyan, Sofiya; Kirakosyan, Hasmik; Zakaryan, Marieta Eurasian chemico-technological journal 2018 / p. 301-309 : ill https://doi.org/10.18321/ectj763

Fracture mechanism of Al-Al4C3 nanomaterials studied by "in-situ tensile test in SEM"
Besterci, Michal; Velgosova, Oksana; Ivan, Jozef; Hvizdoš, Pavol; Kvackaj, Tibor; **Kulu, Priit** Kovove materialy = Metallic materials 2009 / 4, p. 221-225

Graphene coated alumina nanofibers as zirconia reinforcement
Ivanov, Roman; **Hussainova, Irina**; **Aghayan, Marina**; **Petrov, Mihhail** Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 348-353 : ill

Growth of Co nanoparticles on a nanostructured [thetha]-Al203 film on CoAl(100)
Rose, V.; **Podgurski, Vitali**; David, Rudolf; Francy, R. Surface science 2007 / 3, p. 786-791 : ill

Growth of zinc oxide nanostructured layers on SnO2 electrodes by spray pyrolysis
Dedova, Tatjana; **Volobujeva, Olga**; **Gromõko, Inga**; **Mikli, Valdek**; **Mere, Arvo**; **Krunks, Malle** TÜ ja TTÜ doktorikool “Funktsionaalsed materjalid ja tehnoloogiad” 2013 / [1] p

Growth of ZnO rods on FTO electrodes by spray pyrolysis
Dedova, Tatjana; **Volobujeva, Olga**; **Krunks, Malle**; **Mikli, Valdek**; **Gromõko, Inga**; **Katerski, Atanas**; **Mere, Arvo** IOP conference series : materials science and engineering 2013 / [4] p. : ill

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

High temperature tribological performance of adaptive hard nanocomposite coatings deposited on a WC-Co substrate
Alamgir, Asad; **Bogatov, Andrei**; **Yashin, Maxim**; **Viljus, Mart**; **Sondor, J.**; **Podgurski, Vitali** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 12 http://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf

High-temperature tribological performance of hard multilayer TiN-AlTiN/nACo-CrN/AlCrN-AlCrO-AlTiCrN coating deposited on WC-Co substrate
Alamgir, Asad; **Yashin, Maxim**; **Bogatov, Andrei**; **Viljus, Mart**; **Traksmaa, Rainer**; Sondor, Jozef; Lümkemann, Andreas; **Sergejev, Fjodor**; **Podgurski, Vitali** Coatings 2020 / art. 909, 10 p. : ill https://doi.org/10.3390/coatings10090909 Journal metrics at WOS Article at Scopus Journal metrics at WOS Article at WOS

Hot and cold regions during accumulative roll bonding of Al/Al_2O_3 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

Implications of the negative capacitance observed at forward bias in nanocomposite and polycrystalline solar cells
Mora-Sero, Ivan; Bisquert, Juan; **Oja Acik, Ilona** Nano letters 2006 / 4, p. 640-650 https://pubs.acs.org/doi/10.1021/nl052295q

Influence of drag finishing to dry sliding wear behaviour of PVD nanocomposite nACo coating during running-in
Surženkov, Andrei; **Podgurski, Vitali**; **Viljus, Mart**; **Adoberg, Eron**; **Nanits, Mats-Maidu**; **Kulu, Priit**; **Veinthal, Renno** Materials engineering & Baltrib 2010 : materials of the XIX-th International Baltic Conference : October 28-29, 2010, Riga, Latvia 2010 / p. 26

Influence of SPD on structure and properties of copper
Kommel, Lembit; **Kenk, Kalju**; **Veinthal, Renno** Proceedings of the 3rd International Conference Industrial Engineering - New Challenges to SME : 25-27 April 2002, Tallinn, Estonia 2002 / p. 161-164 : ill

Introduction to nanomaterials and nanotechnology
Pokropivny, Vladimir; Lõhmus, Rünno; **Hussainova, Irina**; Pokropivny, Alex; Vlassov, Sergei 2007 https://www.ester.ee/record=b2310170*est

Investigation of cost-effective carbon nanofiber/carbon fiber and silicone polymer composite material for wearable bioimpedance device
Kõiv, Hip; **Pesti, Ksenija**; **Min, Mart**; **Land, Raul** 2019 IEEE Sensors Applications Symposium (SAS 2019), Sophia Antipolis, France, 11-13 March, 2019 : proceedings 2019 / 6 p https://doi.org/10.1109/SAS.2019.8706026

Investigation of nanostructured and conventional alumina–titania coatings prepared by air plasma spray process
Ibrahim, Alsayed; Abdel Hamid, Z.; **Abdel Aal, Alsayed** Materials science and engineering : A - structural materials: properties, microstructure and processing 2010 / 3, p. 663-668 : ill https://www.sciencedirect.com/science/article/abs/pii/S0921509309009848

Investigation of nickel and copper microfoils defect formation under the stress
Leinberg, Silver; Lõhmus, Rünno; **Hussainova, Irina**; **Nisumaa, Reet** 15th International Baltic Conference "Engineering Materials & Tribology. Baltmattrib - 2006" : October 5-6, 2006, Tallinn, Estonia : abstracts 2006 / p. 42-43 : ill

Low-temperature synthesis of ZnO layers assisted by chemical processes
Polivtseva, Svetlana; **Dedova, Tatjana**; **Bereznev, Sergei**; **Kois, Julia**; **Tõnsuaadu, Kaia**; **Volobujeva, Olga**; Juma, Albert Owino 12th European Symposium on Thermal Analysis and Calorimetry ESTAC 12 : 27-30 August 2018, Brasov, Romania : book of abstracts 2018 / PS1.016, p. 200 http://estac12.org/download.php?f=../download/BoA%20ESTAC12.pdf

Magnesio-carbothermal reduction of CuWo4/MeO nanostructured precursors & synthesis of W/Cu composite materials
Zakaryan, Marieta; Kirakosyan, Hasmik; Abovyan, L.; **Aydinyan, Sofiya**; Kharatyan, Suren Chemical Journal of Armenia 2017 / p. 450-461 http://chemistry.asj-oa.am/id/eprint/7826

Mechanical and tribological properties of 100-nm thick alumina films prepared by atomic layer deposition on Si(100) substrates
Alamgir, Asad; **Bogatov, Andrei**; **Yashin, Maxim**; **Podgurski, Vitali** Proceedings of the Estonian Academy of Sciences 2019 / p. 126-130 : ill https://doi.org/10.3176/proc.2019.2.01 http://www.kirj.ee/public/proceedings_pdf/2019/issue_2/proc-2019-2-126-130.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Mechanical behaviour of nanostructured copper produced by SPD method

Hussainova, Irina; **Kommel, Lembit**; Lõhmus, Rünno; Lõhmus, Ants Proceedings of International Conference on Modern Materials Science > September 26-30, 2005, Kiev, Ukraine 2005 / ? p

Mechanical properties and fracture developed in nanocopper by severe plastic deformations
Besterci, Michal; Kvackaj, Tibor; Kovac, Ladislav; Sülleiova, Katarina; **Kulu, Priit** 15th International Baltic Conference "Engineering Materials & Tribology. Baltmattrib - 2006" : October 5-6, 2006, Tallinn, Estonia : abstracts 2006 / p. 22

Mechanical properties and fracture of nanocopper by severe plastic deformations
Besterci, Michal; Kvackaj, Tibor; Kovac, Ladislav; Sülleiova, Katarina; **Kulu, Priit** Proceedings of the Estonian Academy of Sciences. Engineering 2006 / 4, p. 340-348 : ill

Mechanically activated synthesis of ZrC nanopowders to produce composites with TiC and Mo additives
Yung, Der-Liang; **Kollo, Lauri**; **Hussainova, Irina**; **Zikin, Arkadi** ECOTRIB 2011 : 3rd European Conference on Tribology and 4th Vienna International Conference on Nano-Technology : June 7-9, 2011, Vienna, Austria. 2 2011 / p. 793-796

Microscopic characterization of surface morphology of nanostructured copper
Hussainova, Irina; **Kommel, Lembit**; Lõhmus, Rünno; **Volobujeva, Olga** Reviews on advanced materials science 2005 / p. 266-271 : ill

Microstructural evolution and mechanical properties of nanostructured copper
Kommel, Lembit; **Hussainova, Irina**; **Volobujeva, Olga**; Lõhmus, Rünno Proceedings of the Estonian Academy of Sciences. Engineering 2005 / 3, p. 187-197 : ill

Microstructure and mechanical properties of near net shaped aluminium/alumina nanocomposites fabricated by powder metallurgy
Kallip, Kaspar; Babu, N. Kishore; AlOgab, Khaled A.; **Kollo, Lauri**; Maeder, Xavier; Arroyo, Yadira; Leparoux, Marc Journal of alloys and compounds 2017 / p. 133-143 : ill https://doi.org/10.1016/j.jallcom.2017.04.233

Microwave assisted synthesis of CuInSe2 nanopowder
Gertsin, A.; Muradova, Galina; Shoka, A.; Kim, Dongsoo; **Bereznev, Sergei**; Tverjanovich, Andrey; **Kois, Julia**; **Öpik, Andres**; Tveryanovich, Yuri S. Hybrid and Organic Photovoltaic Conference (HOPV09) : 10-13 May 2009, Benidorm, Spain : book of abstracts 2009 / p. 79

Multifunctional, multilayered and nanostructured hard coatings
Podgurski, Vitali Nanopowders, Nanostuctured Materials and Coatings : Network for Nanostructured Materials of ACC : March 17, 2005, Tallinn, Estonia : book of abstracts 2005 / p. 25-26

Multi-type dislocation substructure evolution in a high-strength and ductile duplex high-entropy nanocomposites
Mua, Yongkun; **Liu, Le**; Shia, Jinqiang; Sun, Tongtong; Hua, Kai; Jia, Yuefei; Song, Kaikai; Jia, Yandong; Wang, Qing; Wang, Gang Composites Part B : Engineering 2022 / art. 110322 https://doi.org/10.1016/j.compositesb.2022.110322 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Nanopowders and nanostructured coatings
Kulu, Priit; **Zimakov, Sergei**; **Podgurski, Vitali**; **Peetsalu, Priidu**; **Tarbe, Riho** Nanopowders, Nanostuctured Materials and Coatings : Network for Nanostructured Materials of ACC : March 17, 2005, Tallinn, Estonia : book of abstracts 2005 / p. 8

Nanopowders, Nanostuctured Materials and Coatings : Network for Nanostructured Materials of ACC : March 17, 2005, Tallinn, Estonia : book of abstracts
2005 http://www.ester.ee/record=b2038086*est

Nano-silicon carbide reinforced aluminium produced by high-energy milling and hot consolidation
Kollo, Lauri; Bradbury, Christopher R.; **Veinthal, Renno**; Jäggi, Christian; Carreno-Morelli, Efrain; Leparoux, Marc Materials science and engineering : A 2011 / p. 6606-6615 : ill

Nanosructured copper manufacturing features and mechanical/physical properties forming
Kommel, Lembit Nanopowders, Nanostuctured Materials and Coatings : Network for Nanostructured Materials of ACC : March 17, 2005, Tallinn, Estonia : book of abstracts 2005 / p. 22-24 : ill

Nanostructure and properties study of advanced high purity rare metals
Kommel, Lembit; **Saarna, Mart**; **Laev, Natalja** 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 43

Nanostructure development in refractory metals : ECAP processing of Niobium and Tantalum using indirect-extrusion technique
Omranpour Shahreza, Babak; **Kommel, Lembit**; **Mikli, Valdek**; Garcia, Edgar; Huot, Jacques International journal of refractory metals and hard materials 2019 / p. 1-9 : ill https://doi.org/10.1016/j.ijrmhm.2018.10.018 Journal metrics at Scopus Article at Scopus

Journal metrics at WOS Article at WOS

Nanostructured layers of ZnS obtained by spray pyrolysis
Dedova, Tatjana; **Gromõko, Inga**; **Mikli, Valdek**; **Volobujeva, Olga**; Utt, Kathriin; Sildos, Ilmo; **Mere, Arvo**; **Krunks, Malle** E-MRS 2013 Spring Meeting. Symposium P, Functional nanowires : synthesis, characterization and applications : poster session II 2013 / p. 15

Nanostructured solar cell by spray pyrolysis : effect of titania barrier layer on the cell performance
Oja Acik, Ilona; **Katerski, Atanas**; **Mere, Arvo**; Aarik, Jaan; Aidla, Aleks; **Dedova, Tatjana**; **Krunks, Malle** Thin solid films 2009 / p. 2443-2447 : ill https://doi.org/10.1016/j.tsf.2008.11.018

Nanostructured solar cells on ZnO nanorods by chemical spray
Krunks, Malle Book of Abstracts of 2nd Semiconductor Sensitized Solar Cells Conference : September 18th-20th, 2011, Mallorca, Spain 2011 / p. A2.4

Nanostructured thin films by wet chemical methods
Krunks, Malle International Conference : Advances in Nanostructured Materials, Processing - Microstructure - Properties : NANOVED 2006 - NENAMAT : May 14-17, 2006, Stara Lesna, Slovak Republic : book of abstracts 2006 / p. 57

Nanotehnoloogiad : sõnastik. Osa 1, Tuumik-sõnavara = Nanotechnologies : vocabulary. Part 1, Core terms
2011 https://www.ester.ee/record=b2707940*est

Nanotehnoloogiad : sõnastik. Osa 3, Süsinik-nanoobjektid = Nanotechnologies : vocabulary. Part 3, Carbon nano-objects
2011 https://www.ester.ee/record=b2707947*est

Nanotehnoloogiad [Võrguteavik] : sõnastik. Osa 1, Tuumik-sõnavara = Nanotechnologies : vocabulary. Part 1, Core terms (ISO/TS 80004-1:2010)
2015 http://www.ester.ee/record=b4454097*est

Nanotehnoloogiad [Võrguteavik] : sõnastik. Osa 1, Tuumik-sõnavara = Nanotechnologies : vocabulary. Part 1, Core terms (ISO/TS 80004-1:2015)
2016 http://www.ester.ee/record=b4601747*est

Nanotehnoloogiad [Võrguteavik] : sõnastik. Osa 3, Süsinik-nanoobjektid = Nanotechnologies : vocabulary. Part 3, Carbon nano-objects (ISO/TS 80004-3:2010)
2015 http://www.ester.ee/record=b4454176*est

Nanotehnoloogiad [Võrguteavik] : sõnastik. Osa 4, Nanostruktuur-materjalid = Nanotechnologies : vocabulary. Part 4, Nanostructured materials (ISO/TS 80004-4:2011)
2015 http://www.ester.ee/record=b4454176*est

Nanotehnoloogiad [Võrguteavik] : sõnastik. Osa 6, Nanoobjektide karakteriseerimine = Nanotechnologies : vocabulary. Part 6, Nano-object characterization (ISO/TS 80004-6:2013)
2015 http://www.ester.ee/record=b4483533*est

Nanotehnoloogiad [Võrguteavik] : sõnastik. Osa 6, Nanoobjektide karakteriseerimine = Nanotechnologies : vocabulary. Part 6, Nano-object characterization (ISO/TS 80004-6:2013)
2015 http://www.ester.ee/record=b4457416*est

Nanotehnoloogiad [Võrguteavik] : sõnastik. Osa 8, Nanotootmisprotsessid = Nanotechnologies : vocabulary. Part 8, Nanomanufacturing processes (ISO/TS 80004-8:2013)
2015 http://www.ester.ee/record=b4531230*est

New advanced technologies for nanocrystalline metals manufacturing
Kommel, Lembit Proceedings of the 4th International Conference Industrial Engineering - New Challenges to SME : 29-30 April 2004, Tallinn, Estonia 2004 / p. 195-198 : ill

A new synthesis pathway for molybdenum carbide nanopowder by solution combustion
Kirakosyan, Hasmik; Nazaretyan, Khachik; **Aydinyan, Sofiya**; Tumanyan, Manvel; Kharatyan, Suren The International Conference Dedicated to the 50th Anniversary of Self-Propagating High Temperature Synthesis (SHS-50) : proceedings = Международная конференция СВС-50, приуроченная к 50-летнему юбилею научного открытия Явление волновой локализации автотормозящихся твердофазных реакций... : сборник материалов 2017 / p. 35–36 : ill http://www.ism.ac.ru/events/SHS-50/abstracts.pdf

Optical and photoelectric properties of nanolamellar structures obtained by thermal annealing of InSe plates in Zn

vapours
Untila, Dumitru; Evtodiev, Igor; Caraman, Iuliana; **Spalatu, Nicolae**; Dmitroglo, Liliana; Caraman, Mihail Physica status solidi (a) : applications and materials science 2018 / art. 1700434, p. 1-7 : ill https://doi.org/10.1002/pssa.201700434 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Optimization of mechanical strength of titania fibers fabricated by direct drawing
Hanschmid, Kelli; Tätte, Tanel; **Hussainova, Irina** Applied physics. A, Materials science & processing 2013 / p. 663-671 : ill

Phosphorus elimination and recovery from wastewater and process water with reusable nanocomposite magnetic particles
Ivanova Drenkova-Tuhtan, Asya 3rd European Sustainable Phosphorus Conference 2018 : (ESPC3), Helsinki, Finlandia Hall, 11-13 June 2018 : posters 2018 / 1 p.: ill https://phosphorusplatform.eu/images/Conference/ESPC3/ESPC3-Final-programme-2018-06-08.pdf

Preparation of nanostructured carbon materials
Perez-Caballero, Fernando; **Peikolainen, Anna-Liisa**; **Koel, Mihkel** Proceedings of the Estonian Academy of Sciences 2008 / 1, p. 48-53 : ill

Preparation of shape and size-controlled zinc oxide nanostructures by chemical spray pyrolysis technique
Dedova, Tatjana; **Krunks, Malle**; **Mere, Arvo**; **Klauson, Jelena**; **Volobujeva, Olga** Materials Research Society symposium proceedings 2007 / p. 0957-K10-26 [7 p.]

Reactive sintering - a new method for producing Cr3C2-Ni cermets
Viljus, Mart; **Pirso, Jüri**; **Letunovitš, Sergei** Engineering Materials & Tribology : BALTMATTRIB - 2003 : 12th International Baltic Conference : October 2-3, 2003, Tallinn, Estonia : abstracts 2003 / p. 29

Rippling on wear scar surfaces of nanocrystalline diamond films after reciprocating sliding against ceramic balls
Podgurski, Vitali; Hantschel, Thomas; **Bogatov, Andrei**; **Kimmari, Eduard**; **Antonov, Maksim**; **Viljus, Mart**; **Mikli, Valdek**; **Raadik, Taavi**; **Kulu, Priit** Tribology letters 2014 / p. 493-501 : ill

Selective laser melting of nanostructured Al-Y-Ni-Co alloy
Wang, Zhi; Scudino, Sergio; Eckert, Jürgen; **Prashanth, Konda Gokuldoss** Manufacturing letters 2020 / p. 21−25 https://doi.org/10.1016/j.mfglet.2020.06.005 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Severe plastic deformation of metals by using high pressure torsion extrusion = Metallide süvaplastne deformeerimine kõrgsurve-väändeekstrusiooni meetodil
Omranpour Shahreza, Babak 2019 https://digikogu.taltech.ee/et/Item/e74f8a8e-4021-4cd2-b1f0-cb91d05b9a56

Solar cell on nanostructured ZnO by spray pyrolysis deposition
Katerski, Atanas; **Dedova, Tatjana**; **Oja Acik, Ilona**; **Mere, Arvo**; **Krunks, Malle** 2-nd International Conference on surfaces, Coatings and Nanostructured Materials (NANOSMAT 2007) : 9-11 July 2007, Alvor, Algarve, Portugal : abstracts book 2007 / p. 256

Sol-Gel approach to the calcium phosphate nanocomposites
Beganskiene, Aldona; Stankeviciute, Zivile; Malakauskaite, Milda; **Bogdanoviciene, Irma**; **Mikli, Valdek**; **Tõnsuaadu, Kaia**; Kareiva, Aivaras Nanostructured materials and nanotechnology VII : a collection of papers presented at the 37th International Conference on Advanced Ceramics and Composites, January 27-February 1, 2013, Daytona Beach, Florida 2014 / p. 3-14 : ill https://doi.org/10.1002/9781118807828.ch1

Sol-Gel Approach to the Calcium Phosphate Nanocomposites : (ICACC-S7-P091-2013)
Beganskiene, Aldona; **Bogdanoviciene, Irma**; **Tõnsuaadu, Kaia** 37th International Conference and Exposition on Advanced Ceramics and Composites : abstracts book : January 27-February 1, 2013, Daytona Beach, Florida 2013 / p. 102

Sol-gel approach to the calcium phosphate nanocomposites [Electronic resource]
Beganskiene, Aldona; **Bogdanoviciene, Irma**; **Mikli, Valdek**; **Tõnsuaadu, Kaia** Proceedings of the 37th International Conference on Advanced Ceramics and Composites : January 27-February 1, 2013, Hilton Daytona Beach Resort and Ocean Center, Daytona Beach, Florida, USA 2013 / [10] p. : ill [CD-ROM]

Spark plasma sintering of layered γ-Al2O3/graphene reinforced nanocomposites
Saffarshamshirgar, Ali; **Ivanov, Roman**; **Hussainova, Irina** Proceedings of the Estonian Academy of Sciences 2019 / p. 140–144 : ill https://doi.org/10.3176/proc.2019.2.04 http://www.kirj.ee/public/proceedings_pdf/2019/issue_2/proc-2019-2-140-144.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Spray pyrolysis deposition and characterization of highly c-axis oriented hexagonal ZnS nanorod crystals
Dedova, Tatjana; **Gromõko, Inga**; **Krunks, Malle**; **Mikli, Valdek**; **Grossberg, Maarja**; Sildos, Ilmo; Utt, Kathriin; **Vessart, Risto**; **Unt, Tarmo** Crystal research and technology 2015 / p. 85-92 : ill http://dx.doi.org/10.1002/crat.201400172

Spray pyrolysis deposition of nanostructured zincoxide films

Krunks, Malle; **Dedova, Tatjana**; **Oja, Ilona** International Conference on Metallurgical Coatings and Thin Films : San Diego, California, May 1-5, 2006 : program and abstracts 2006 / p. 37

Spray pyrolysis deposition of zinc oxide nanostructured layers
Krunks, Malle; **Dedova, Tatjana**; **Oja Acik, Ilona** Thin solid films 2006 / 3, p. 1157-1160 : ill
https://www.sciencedirect.com/science/article/pii/S0040609006009540

Study on photocatalytic activity of ZnO nanoneedles, nanorods, pyramids and hierarchical structures obtained by spray pyrolysis method
Klauson, Deniss; **Gromõko, Inga**; **Dedova, Tatjana**; **Pronina, Natalja**; **Kritševskaja, Marina**; **Budarnaja, Olga**; **Oja Acik, Ilona**; **Volobujeva, Olga**; Sildos, Ilmo; Utt, Kathriin Materials science in semiconductor processing 2015 / p. 315-324 : ill
http://dx.doi.org/10.1016/j.mssp.2014.12.012

Synthesis of Cu2ZnSnS4 nano-powders and nano-structured thin films = Cu2ZnSnS4 nano-pulbrite ja nano-struktuursete kilede süntees
Kumar, Suresh 2018 https://digi.lib.ttu.ee/i/?10626

Zinc oxide nanorods grown by spray pyrolysis
Krunks, Malle; **Dedova, Tatjana**; **Mere, Arvo**; Aparina, Jelena; **Grossberg, Maarja** The 4th International Workshop on ZnO and Related Materials : University of Gissen, Germany, Oct.3-6, 2006 2006 / p. 170

Zinc oxide nanostructured layers by chemical spray pyrolysis
Dedova, Tatjana; Aparina, Jelena; **Mere, Arvo**; **Volobujeva, Olga**; **Grossberg, Maarja**; **Krunks, Malle** International Conference : Advances in Nanostructured Materials, Processing - Microstructure - Properties : NANOVED 2006 - NENAMAT : May 14-17, 2006, Stara Lesna, Slovak Republic : book of abstracts 2006 / p. 105

ZnO nanostructured layers by wet chemical deposition methods : growth, surface properties, photocatalytic capability = ZnO nanostruktuursed kihid vedeliksadestuse meetoditel : kasvatamine, pinnaomadused, fotokatalüütiline võimekus
Gromõko, Inga 2018 https://digi.lib.ttu.ee/i/?9962

ZnO nanostructures by chemical spray for next generation solar cells
Krunks, Malle; **Dedova, Tatjana**; **Oja Acik, Ilona**; **Kriisa, Merike**; **Mikli, Valdek**; **Katerski, Atanas**; **Kärber, Erki**; **Mere, Arvo** NEXTGEN NANO PV : book of abstracts 2013 / p. 31-32

ZnO nanostruktuursed kihid keemilise pihustuspürolüüsi meetodil
Dedova, Tatjana; **Annert, Katre**; **Volobujeva, Olga**; **Grossberg, Maarja**; **Oja Acik, Ilona**; **Krunks, Malle** XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 25

ZnS thin films and nanostructured layers by chemical spray pyrolysis
Dedova, Tatjana; **Krunks, Malle**; **Gromõko, Inga**; **Mikli, Valdek**; Sildos, Ilmo; Utt, Kathriin; **Unt, Tarmo** XXXIII Eesti Keemiapäevad : teaduskonverentsi teesid 2013 / p. 13

Thermal transport and thermoelectric effect in composites of alumina and graphene-augmented alumina nanofibers
Saffarshamshirgar, Ali; Belmonte, Manuel; Tewari, Girish C.; **Rojas Hernandez, Rocio Estefania**; Seitsonen, Jani; **Ivanov, Roman**; Karppinen, Maarit; Miranzo, Pilar; **Hussainova, Irina** Materials 2021 / art. 2242 https://doi.org/10.3390/ma14092242 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Towards nanotechnology through structural research
Kallavus, Urve Environmental education, communication and sustainability "Integrative Approaches Towards Sustainability in the Baltic Sea Region" 2004 / p. 111-115

Tribological characteristics of micro- and nano-composites Cu-Al2O3 at room and elevated temperatures
Hvizdoš, Pavol; Besterci, Michal; **Kulu, Priit** High temperature materials and processes 2011 / p. 573-577

Tribological characteristics of nanostructured copper
Hussainova, Irina; Lõhmus, Rünno Book of abstracts : Nano Tribo Workshop : France, 2005 2005 / p. 34