

**Acta architecturae naturalis = Maastikuarhitektuurseid uurimusi**  
2011

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2013

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2012

**Advanced nanomaterials and their applications in renewable energy, Jingbo Louise Liu and Sajid Bashir : [book review]**  
**Rauwel, Protima** MRS bulletin 2016 / p. 494 <https://doi.org/10.1557/mrs.2016.127>

**Advanced nanomaterials and their applications in renewable energy, Jingbo Louise Liu and Sajid Bashir : Elsevier 2015, 436 pages, print and e-book \$144.50, ISBN 9780128015285 : [book review]**  
**Rauwel, Protima** MRS bulletin 2016 / p. 494 <https://doi.org/10.1557/mrs.2016.127>

**Aerolaskaneerimise andmetel põhineva reljeefikaardi kasutamisest ajalooliste parkide uurimisel**  
**Nurme, Sulev**; Paalo, Priit *Acta architecturae naturalis = Maastikuarhitektuurseid uurimusi* 2013 / lk. 71-91 : ill., kaart

**ALD applied to conformal rare-earth coating of ZnO nanoparticles for low temperature thermal imaging applications**  
**Rauwel, Erwan**; Galeckas, Augustinas; Rauwel, Protima *ECS transactions* 2014 / p. 23-31 : ill <http://dx.doi.org/10.1149/06409.0023ecst>

**A-tselluloosi lagunemine eritüübilistel niitudel**  
**Peda, Jane** *Talve Akadeemia* 2013 : [teaduslikud lühiaartiklid]. Kogumik 11/2013 2013 / lk. 123-127 : ill

**Basic theory and methods for managing energy efficiency in consumer systems**  
Karpov, V.; **Kabanen, Toivo**; Yuldashev, Z. Sh.; Nemtsev, A.; Nemtsev, I. *Agronomy research* 2016 / p. 1619-1625 : ill  
<http://agronomy.emu.ee/category/volume-14/number-5/> [http://www.ester.ee/record=b1787401\\*est](http://www.ester.ee/record=b1787401*est)

**Biocidal properties study of silver nanoparticles used for application in green housing**  
**Küünal, Siim; Kutti, Sander; Rauwel, Protima**; Guha, Mithu; Wragg, David; **Rauwel, Erwan** *International nano letters* 2016 / p. 191-197 : ill <http://dx.doi.org/10.1007/s40089-016-0186-7>

**Biological diversity of agricultural soils in Estonia = Põllumajanduslike muldade bioloogiline mitmekesisus Eestis**  
**Kuu, Annely** 2008 <https://digi.lib.ttu.ee/i/?279> [https://www.ester.ee/record=b2431337\\*est](https://www.ester.ee/record=b2431337*est)

**Chemistry in college-level environmental science curricula**  
Alegria, Henry A.; **Nei, Lembit** *European Scientific Journal* 2014 / p. 89-94

**Composting studies in Estonia**  
**Haiba, Egge; Nei, Lembit** 7th SETAC World Congress/SETAC North America 37th Annual Meeting : Orlando, Florida, 6-10 November 2016 : abstract book 2016 / p. 29

**Database of environmental decision support tools**  
**Ivask, Mari; Aruvee, Eve; Piirimäe, Kristjan** *Transactional environmental support system design : global solutions* 2013 / p. 70-96 : ill

**Design of a transactional environmental support system**  
Kenward, R. E.; **Piirimäe, Kristjan; Ivask, Mari; Aruvee, Eve** *Transactional environmental support system design : global solutions* 2013 / p. 209-245

**Determination of paper plaster hygrothermal performance: influence of different types of paper on sorption and moisture buffering**  
**Vares, Maia-Liisa; Ruus, Aime; Nutt, Nele; Kubjas, Ardo; Raamets, Jane** *Journal of building engineering* 2021 / art. 101830, 8 p. : ill <https://doi.org/10.1016/j.job.2020.101830> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Domestic organic waste treatment through vermitechnology**  
**Ivask, Mari; Olle, Lilian; Nei, Lembit** *Waste management & research* 2013 / p. 878 <https://doi.org/10.1177/0734242X13493730>

**Eesti barokne mõisapark ja tänapäev : avastamine, mõistmine, taastamine**  
**Nurme, Sulev** *Rahvusvaheline konverents "Kadriorg 295 - barokne park tänapäeval"* : artiklite kogumik = International Conference "Kadriorg 295 - a baroque park nowadays" : a compilation of articles = Международная конференция "Кадриорг 295 : парк эпохи барокко сегодня" : сборник статей 2014 / 223, [1] lk. : ill

## **Eesti mõisaparkide dendroloogiline autentsus**

**Nutt, Nele** Acta architecturae naturalis = Maastikuarhitektuurseid uurimusi 2013 / lk. 93-103 : ill

## **Effect of green waste compost application on afforestation success**

**Järvis, Jüri; Ivask, Mari; Nei, Lembit; Kuu, Annely;** Luud, Aarne Baltic forestry 2016 / p. 90-97 : ill

[https://www.balticforestry.mi.it/bf/PDF\\_Articles/2016-22%5B1%5D/e-Baltic%20Forestry%202016.1\\_90-97%20psl.pdf](https://www.balticforestry.mi.it/bf/PDF_Articles/2016-22%5B1%5D/e-Baltic%20Forestry%202016.1_90-97%20psl.pdf)

## **Electrochemical behaviour of graphene-based materials towards ORR**

Kibena-Pöldsepp, Elo; Lilloja, Jaana; Merisalu, Maido; **Rauwel, Protima** BEC 16 : the 6th Baltic Electrochemistry Conference : Electrochemistry of Functional Interfaces and Materials : 15th-17th June 2016, Helsinki, Finland 2016 / p. 121

## **Engineering graphics education as the foundation of intercultural engineering communication**

Lille, Harri; **Ruus, Aime** Scientific proceedings of the 12th International Conference on Engineering Graphics BALTGRAF 2013 : June 5-7, Riga, Latvia 2013 / p. 135/300-140/300 : ill

## **Forms used for graphic representation of an object in engineering graphics [Online resource]**

Lille, Harri; **Ruus, Aime** Scientific proceedings of the 13th International Conference on Engineering Graphics BALTGRAF-13 : June 25-26, 2015, Vilnius 2015 / p. 58-61 : ill <http://doi.org/10.3846/baltgraf.2015.011> [http://www.ester.ee/record=b4512767\\*est](http://www.ester.ee/record=b4512767*est)  
<https://digi.lib.ttu.ee/ii/?3151>

## **From learning outcomes to the team of advisers**

**Soon, Ants; Ruus, Aime** Scientific proceedings of the 12th International Conference on Engineering Graphics BALTGRAF 2013 : June 5-7, Riga, Latvia 2013 / p. 199/300-208/300 : ill

## **Graphic representation of an object in engineering as a semiotic sign**

Lille, Harri; **Ruus, Aime** 17th International Conference on Geometry and Graphics (ICGG 2016) : 4-8 August 2016, Beijing, China 2016 / p. 1-6

## **Ground-dwelling spider fauna of flooded meadows in Matsalu, Estonia**

**Meriste, Mart;** Helm, Aveliina; **Ivask, Mari** Wetlands 2016 / p. 525-537 : ill <https://doi.org/10.1007/s13157-016-0762-7>

## **Helmi Üprus mõisaparkide uurijana**

**Nutt, Nele** Acta architecturae naturalis = Maastikuarhitektuurseid uurimusi 2011 / lk. 153-160 : ill

## **Hõrenev Eesti : kahaneva rahvastikuga piirkonnad meil ja mujal**

**Hiob, Mart;** Metspalu, Pille; Levald, Andres; Kikas, Tavo Sirp 2015 / lk. 22-23 <https://dea.digar.ee/article/sirp/2015/06/12/17.1>

## **Interactive virtual world models for crisis preparedness - better than the real thing?**

Havlik, Denis; Engelbach, Wolf; Erlich, Marc; **Meriste, Merik** The International Emergency Management Society -TIEMS- : Evolving Threats and Vulnerability Landscape : New Challenges for the Emergency Management : proceedings of the International Emergency Management Society (TIEMS), 22nd TIEMS Annual Conference, Rome, Italy, September 30 - October 2, 2015 2015 / [11] p  
<http://publica.fraunhofer.de/documents/N-374904.html>

## **Investigations on new carbon-based nanohybrids combining carbon nanotubes and metal oxide nanoparticles**

**Rauwel, Protima;** Galeckas, Augustinas; **Salumaa, Martin;** Ducroquet, Frederique; **Rauwel, Erwan** 4th International Conference on Competitive Materials and Technology Processes : Miskolc-Lillafüred, Hungary, October 3-7, 2016 : book of abstracts 2016 / p. 250 [http://www.ic-cmtp4.eu/doc/book\\_of\\_abstarct\\_iccmtp4.pdf](http://www.ic-cmtp4.eu/doc/book_of_abstarct_iccmtp4.pdf)

## **Ivo Känd: inseneriharidus Lõuna-Eestis valmistub arenguhüppeks [Võrguväljaanne]**

**Känd, Ivo** postimees.ee 2021 ["Ivo Känd: inseneriharidus"](https://postimees.ee/ivo-kand-inseneriharidus)

## **Kahaneva Valga linnaruum**

**Tintera, Jiri** Sirp 2016 / lk. 13 : fot <http://www.sirp.ee/s1-artiklid/arhitektuur/kahaneva-valga-linnaruum/>

## **Kaks riiki, üks linn**

**Tintera, Jiri** Sirp 2015 <https://www.sirp.ee/s1-artiklid/arhitektuur/kaks-riiki-uks-linn/>

## **Kõnnu küla**

**Hiob, Mart** Lahemaa külaarhitektuurist 2013 / lk. 28-31 : ill

## **Lootuste president ja loogiline loodusteadlane**

**Känd, Ivo** Postimees 2021 / Lk. 16 ["Lootuste president ja loogiline loodusteadlane"](https://www.ester.ee/record=b1072778*est) [https://www.ester.ee/record=b1072778\\*est](https://www.ester.ee/record=b1072778*est)

## **Metal oxide nanoparticles embedded in rare-earth matrix for low temperature thermal imaging applications**

**Rauwel, Erwan;** Galeckas, Augustinas; **Rauwel, Protima;** Hansen, P.-A.; Wragg, David; Nilsen, Ola; Fjellvag, H. Materials research

express 2016 / p. 1-11 : ill <http://dx.doi.org/10.1088/2053-1591/3/5/055010>

### **"Mina elan siin" - elavustumine Supilinnas**

**Nutt, Nele** Acta architecturae naturalis = Maastikuarhitektuurseid uurimusi. 2. vihik, Supilinn 2012 / lk. 93-110 : ill

### **New methodology for the antifungal testing of surfactant-free silver metal nanoparticles for applications in green housing**

**Küünal, Siim; Kutti, Sander; Rauwel, Protima;** Wragg, David; **Hussainova, Irina; Rauwel, Erwan** 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. 133-138 : ill  
<http://dx.doi.org/10.4028/www.scientific.net/KEM.674.133>

### **On the early history of atomic layer deposition : most significant works and applications**

Aarik, Jaan; Ahvenniemi, Esko; Akbashev, Andrew R.; **Rauwel, Erwan** 16th International Conference on Atomic Layer Deposition : 24th-27th July 2016, Dublin, Ireland 2016 / [1] p

### **One step synthesis of pure cubic and monoclinic HfO<sub>2</sub> nanoparticles : effects of temperature and ambient on the photoluminescent properties**

Rauwel, Protima; Galeckas, Augustinas; **Rauwel, Erwan** ECS transactions 2015 / p. 19-28

### **Oxygen electroreduction on Fe-containing nitrogen-doped carbon nanotubes**

Ratso, Sander; Kruusenberg, Ivar; Sarapuu, Ave; **Rauwel, Protima** BEC 16 : the 6th Baltic Electrochemistry Conference : Electrochemistry of Functional Interfaces and Materials : 15th-17th June 2016, Helsinki, Finland 2016 / p. 18

### **Participatory development of a recreational plan for Laulasmaa landscape protection area**

**Ivask, Mari; Tillemann, Kadri** Transactional environmental support system design : global solutions 2013 / p. 164-167 : ill

### **Pharmaceuticals and sewage sludge compost**

**Nei, Lembit; Haiba, Egge;** Lillenberg, Merike 3rd International Congress on Water, Waste and Energy Management : 18-20 July, 2016, Rome, Italy : abstracts book 2016 / p. 186-187

### **Photocurrent generation in carbon nanotube/cubic-phase HfO<sub>2</sub> nanoparticle hybrid nanocomposites**

**Rauwel, Protima;** Galeckas, Augustinas; **Salumaa, Martin;** Ducroquet, Frederiquet; **Rauwel, Erwan** Beilstein journal of nanotechnology 2016 / p. 1075-1085 : ill <http://dx.doi.org/10.3762%2Fbjnano.7.101>

### **Planeerimine toob esile pinna all pulbitsevad konfliktid**

**Hiob, Mart** Sirp 2016 / lk. 28-29 : portr <http://www.sirp.ee/s1-artiklid/arhitektuur/planeerimine-toob-esile-pinna-all-pulbitsevad-konfliktid/>

### **Planeeringuline kujunemine. Supilinn 17.-21. sajandi linnakaartidel ja -plaanidel**

**Hiob, Mart** Acta architecturae naturalis = Maastikuarhitektuurseid uurimusi. 2. vihik, Supilinn 2012 / lk. 51-76 : ill

### **Päideroo kasvatamise võrdluskatsed jääksool ja mineraalmullal**

**Ivask, Mari** Jääksood, nende kasutamine ja korrastamine 2011 / lk. 96-102 : ill

### **Rational spline histopolation**

**Hallik, Helle** 2015 <http://dspace.ut.ee/handle/10062/46496> [https://www.ester.ee/record=b4476250\\*est](https://www.ester.ee/record=b4476250*est)

### **Relationships between landscape factors and vegetation site types: case study from Saare County, Estonia**

**Palo, Anneli** 2005

### **A review of microbial and chemical assessment of indoor surfaces**

Mihucz, Victor G.; **Ruus, Aime; Raamets, Jane;** Wimmerová, Lenka; Vera, Teresa; Bossi, Rossana; Huttunen, Kati Applied Spectroscopy Reviews 2022 / p. 817-889 <https://doi.org/10.1080/05704928.2021.1995870> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A review of the synthesis and photoluminescence properties of hybrid ZnO and carbon nanomaterials**

**Rauwel, Protima; Salumaa, Martin; Aasna, Andres;** Galeckas, Augustinas; **Rauwel, Erwan** Journal of nanomaterials 2016 / art. 5320625, 12 p. : ill <https://doi.org/10.1155/2016/5320625>

### **A review on the green synthesis of silver nanoparticles and their morphologies studied via TEM**

Rauwel, Protima; **Küünal, Siim;** Ferdov, Stanislav; **Rauwel, Erwan** Advances in materials science and engineering 2015 / p. 1-9 : ill  
<http://doi.org/10.1155/2015/682749>

### **Sampling and analysis techniques for inorganic air pollutants in indoor air**

Villanueva, Florentina; Rodenas, Milagros; **Ruus, Aime** Applied spectroscopy reviews 2022 / p. 531-579  
<https://doi.org/10.1080/05704928.2021.2020807> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Sewage sludge composting and fate of pharmaceutical residues - recent studies in Estonia**

**Haiba, Egge; Nei, Lembit; Ivask, Mari; Järvis, Jüri; Lillenber, Merike; Kipper, Karin; Herodes, Koit** Agronomy research 2016 / p. 1583-1600 : ill [http://www.ester.ee/record=b1787401\\*est](http://www.ester.ee/record=b1787401*est) <http://agronomy.emu.ee/category/volume-14/number-5/>

## **Silver nanoparticles : synthesis, properties, and applications**

**Rauwel, Protima; Rauwel, Erwan; Ferdov, Stanislav; Singh, Mangala P.** Advances in materials science and engineering 2015 / p. 1-2 <http://dx.doi.org/10.1155/2015/624394>

## **Silver nanoparticles study for application in green housing**

**Küünaal, Siim; Kutti, Sander; Guha, Mithu; Rauwel, Protima; Wragg, David; Nurk, Gunnar; Rauwel, Erwan** ECS transactions 2015 / p. 15-24 <http://10.0.4.125/06447.0015ecst>

## **Soil invertebrates in semi-coke heaps of Estonian oil shale industry**

**Kalda, Kai; Ivask, Mari; Kutti, Sander; Kuu, Annely; Meriste, Mart; Nei, Lembit; Peda, Jane; Raukas, Anto** Oil shale 2015 / p. 82-97 : ill [https://artiklid.elnet.ee/record=b2716302\\*est](https://artiklid.elnet.ee/record=b2716302*est)

## **Spatial planning in Estonia - from a socialist to inclusive perspective**

**Hiob, Mart; Nutt, Nele** Transylvanian review of administrative sciences 2016 / p. 63-79 : ill <http://rtsa.ro/tras/index.php/tras/issue/view/41>

## **Spinel alumina nanofibers synthesis via ALD coating of alumina nanofibers**

**Rauwel, Erwan; Nilsen, Ola; Rauwel, Protima; Galeckas, Augustinas; Wragg, David; Walmsley, John; Hussainova, Irina; Soots, Karel** WG2 workshop and 4th ALDCoE annual seminar : 23-24 May 2016, Helsinki, Finland : abstracts 2016 / [1] p. : ill

## **Stabilization of higher symmetry HfO<sub>2</sub> polymorphs as thin films and nanoparticles**

**Rauwel, Protima; Rauwel, Erwan** Hafnium : chemical characteristics, production and applications 2014 / p. 77-112 : ill

## **Stable metal nanoparticles study for biomedical and green houses applications**

**Küünaal, Siim; Rauwel, Erwan; Rauwel, Protima; Gracia, Lorena; Guha, Mithu; Wragg, David** 4th International Conference on Competitive Materials and Technology Processes : Miskolc-Lillafüred, Hungary, October 3-7, 2016 : book of abstracts 2016 / p. 48 [http://www.ic-cmtp4.eu/doc/book\\_of\\_abstract\\_iccmtp4.pdf](http://www.ic-cmtp4.eu/doc/book_of_abstract_iccmtp4.pdf)

## **Supilinn, Tartu - the lively vernacular against urban renewal : a Lefebvorean critique**

**Nutt, Nele; Hiob, Mart; Kotval, Zenia** Space and culture 2016 / p. 332-344 : ill <https://doi.org/10.1177/1206331215621002>

## **2. aprillil toimub tehnikaülikooli Tartu Kolledžis matemaatika sisseastumiskatse**

**Nei, Lembit** Koit 2016 / lk. 7 <http://dea.digar.ee/article/koit/2016/03/29/10.3>

## **The antimicrobial effect of three different chemicals for the treatment of straw bales used in housing projects**

**Raamets, Jane; Kutti, Sander; Vettik, A.; Ilustrumm, Kaarel; Rist, T.; Ivask, Mari** Sustainable Housing 2016 : International Conference on Sustainable Housing Planning, Management and Usability : book of abstracts : Porto, Portugal, 16-18 November 2016 / p. 74

## **The antimicrobial effect of three different chemicals for the treatment of straw bales used in housing projects**

**Raamets, Jane; Kutti, Sander; Vettik, A.; Ilustrumm, Kaarel; Rist, T.; Ivask, Mari** Sustainable Housing 2016 : proceedings of the International Conference on Sustainable Housing Planning, Management and Usability : Porto, Portugal, 16-18 November 2016 / p. 537-545

## **The shifting paradigm of spatial planning in Estonia : the rise of neighbourhood participation and conservation of built-up areas through the detailed case study of Supilinn, a historic suburb of Tartu city, Estonia = Paradigma muutus Eesti ruumilises planeerimises : kogukonna aktiivsuse esiletõus ja väljakujunenud linnapiirkonna säilitamine Tartu ajaloolise linnaosa Supilinna näitel**

**Hiob, Mart** 2016 <http://digi.lib.ttu.ee/?5979>

## **12th Nordic Soil Zoology Symposium and PHD course : Tartu, Estonia, August 28-31, 2009 : book of abstracts**

2009 [http://www.ester.ee/record=b2508738\\*est](http://www.ester.ee/record=b2508738*est)

## **Validated simulation tool for crisis management strategies and planned actions [Electronic resource]**

**Taveter, Kuldar; Meriste, Merik; Rannat, Kalev; Jähi, Markus; Dihe, Pascal; Scholl, Martin; Guarino, Sergio** 2015 [http://www.crismaproject.eu/deliverables/CRISMA\\_D444\\_public.pdf](http://www.crismaproject.eu/deliverables/CRISMA_D444_public.pdf)

## **Water vapour transmission properties of linseed oil paint**

**Semjakin, R.; Ruus, Aime; Kirts, Karin; Tungel, Ernst** Agronomy research 2016 / p. 1107-1115 : ill [http://agronomy.emu.ee/wp-content/uploads/2016/05/Vol14\\_S1\\_Semjakin.pdf#abstract-4412](http://agronomy.emu.ee/wp-content/uploads/2016/05/Vol14_S1_Semjakin.pdf#abstract-4412) [http://www.ester.ee/record=b1787401\\*est](http://www.ester.ee/record=b1787401*est)

## **What Every Postdoc Needs to Know by Liz Elvidge, Emma Williams, and Carol Spencely: [book review]**

**Экспериментальное вермикомпостирование биоразлагаемых отходов**

**Peda, Jane; Kutti, Sander; Ivask, Mari** Вермикомпостирование и вермикультивирование как основа экологического земледелия в XXI веке : достижения, проблемы, перспективы : сборник научных трудов IV Международной научно-практической конференции ведущих ученых, специалистов, предпринимателей и производителей (Минск, 6-10 июня 2016 г.) 2016 / с. 78-81