

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

Assessment of indoor air in Estonian straw bale and reed houses

Raamets, Jane; Kutti, Sander; Ruus, Aime; Ivask, Mari Air Pollution XXV 2017 / p. 193-196 : tab <https://doi.org/10.2495/AIR170191>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Calcium extraction from Estonian industrial wastes based on ammonium solvents

Tamm, Kadriann; Viires, Regiina; Kuusik, Rein, keemik; Uibu, Mai Energy and sustainability VII 2018 / p. 465-476 : ill
<https://doi.org/10.2495/ESUS170431> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Carbon dioxide long-term emissions and its storage options in the Baltic Region

Kavaliauskaite, Inga; Uibu, Mai; Teir, Sebastian; Kuusik, Rein, keemik; Zevenhoven, Ron; Defanas, G. Ecosystems and sustainable development. V 2005 / p. 439-448

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 the temperature dependent behavior of snappy phenomenon by the switching-off of GaAs power diode structures

Koel, Ants; Rang, Toomas; Rang, Galina Heat transfer XIII : simulation and experiments in heat and mass transfer 2014 / p. 439-449 : ill <https://doi.org/10.2495/HT140381> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Children's risks on their way to school : the example of Tallinn

Rõivas, Tiia; Antov, Dago; Oja, Tõnu; Abel, Kristiina; Sepp, Edgar Management of Natural Resources, Sustainable Development and Ecological Hazards. III 2012 / p. 529-538 <https://www.witpress.com/elibrary/wit-transactions-on-ecology-and-the-environment/148/22999>

Complex approach to the water network model calibration and the leakage distribution

Ainola, Leo; Koppel, Tiit; Vassiljev, Anatoli Hydraulic Engineering Software VIII : [Eighth International Conference on Hydraulic Engineering Software : HYDROSOFT 2000] 2000 / p. 91-100 : ill <https://www.witpress.com/Secure/elibrary/papers/HY00/HY00008FU.pdf>

Current crowding phenomenon in JBC structures

Rang, Toomas; Kurel, Raido; Higelin, G.; Poirier, Laurent Computer Methods and Experimental Measurements for Surface Effects and Contact Mechanics VII 2005 / p. 387-396 <https://www.witpress.com/elibrary/wit-transactions-on-engineering-sciences/49/15383>

A dynamic lighting system for workplaces deficient of daylight

Koppel, Tarmo; Tint, Piia Environmental health risk VII 2013 / p. 105-116 : ill <https://doi.org/10.2495/EHR130101> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Estimation of residual carrying capacity and restoration of the historic reinforced concrete shells and frames erected in Estonia

Onton, Heiki Structural studies, repairs and maintenance of heritage architecture X : Tenth International Conference on Structural Studies, Repairs and Maintenance of Heritage Architecture STREMAH X, Prague, Czech 2007 / p. 407-417
<https://www.witpress.com/elibrary/wit-transactions-on-the-built-environment/95/18088>

Estonian oil shale power plants' ash handling problems

Arro, Hendrik; Loosaar, Jüri; Pihu, Tõnu; Prikk, Arvi Energy and sustainability 2007 / p. 247-255

EU Phare Twinning project "Strengthening enforcement of maritime safety"

Heering, Dan Maritime security and MET 2005 / p. 97-106 <https://www.witpress.com/books/978-1-84564-058-3>

Finite element modelling for the optimization of microheating in disposable molecular diagnostics

Pardy, Tamas; Rang, Toomas; Tulp, Indrek International journal of computational methods and experimental measurements 2017 / p. 13-22 : ill <https://doi.org/10.2495/CMEM-V5-N1-13-22> [Journal metrics at Scopus](#) [Article at Scopus](#)

Finite element modelling of the resistive heating of disposable molecular diagnostics devices

Pardy, Tamas; Rang, Toomas; Tulp, Indrek Computational methods and experimental measurements XVII 2015 / p. 381-391 : ill
<http://dx.doi.org/10.2495/CMEM150341>

Historical analysis of habitat turnover and age distributions as a reference for restoration of Austrian Danube floodplains

Hohensinner, S.; Haidvogel, G.; Jungwirth, M.; Muhar, S.; Preis, Sergei River basin management III : Third International Conference on River Basin Management 2005 / p. 489-502 : ill
https://www.researchgate.net/publication/230580567_Historical_analysis_of_habitat_turnover_and_age_distributions_as_a_reference_for_restoration_of_Austrian_Danube_floodplains

Hot spots caused by contact inhomogeneities in 4H- and 6H-SiC Schottky structures

Kurel, Raido; Rang, Toomas Advanced Computational Methods in Heat Transfer VI 2000 / p. 437-444

<https://www.witpress.com/elibrary/wit-transactions-on-engineering-sciences/27/4468>

Integration of the SMS to IMS in Estonian Seveso II establishments : selected case studies

Möldri, Margus; Tammepuu, Ants; Tint, Piia; Paas, Õnnela; Laaniste, Priit Risk Analysis VIII 2012 / p. 227-236

<https://www.witpress.com/elibrary/wit-transactions-on-information-and-communication-technologies/44/23944>

Investigation of the combined stress and strain situation in diffusion welded rectifying elements

Korolkov, Oleg; Rang, Toomas; Kurel, Raido Surface treatment VI 2003 / p. 307-316 <https://www.witpress.com/elibrary/wit-transactions-on-engineering-sciences/39/1441>

Materials and contact characterisation VIII

2017 <https://www.witpress.com/books/978-1-78466-197-7>

A mathematical model for abrasive erosion wear in composite Fe-based matrix with WC-Co reinforcement

Casesnoves, Francisco; Surženkov, Andrei Materials and contact characterisation VIII 2017 / p. 99-111 : ill

<https://doi.org/10.2495/MC170101> [Conference proceedings at Scopus](#) [Article at Scopus](#)

A method for pedestrian crossing risk assessment

Antov, Dago; Rõivas, Tiia; Antso, Imre; Sürje, Peep Urban Transport XVII : Urban Transport and the Environment in the 21st Century : 17th International Conference on Urban Transport and the Environment, Pisa, Italy, 6-8 June 2011 2011 / p. 587-600

Modelling and experimental characterisation of self-regulating resistive heating elements for disposable medical diagnostics devices

Pardy, Tamas; Rang, Toomas; Tulp, Indrek Materials characterization VII 2015 / p. 263-271 : ill

Modelling of inhomogeneities of SiC Schottky interfaces

Rang, Toomas Software for Electrical Engineering Analysis and Design V : [Fifth International Conference ... : Electrosoft V] 2001 /

p. 3-15 : ill <https://www.witpress.com/Secure/elibrary/papers/ES01/ES01000FU.pdf>

Nanoscale and microscale simulations of N-N junction heterostructures of 3C-4H silicon carbide

Rashid, Muhammad Haroon; Koel, Ants; Rang, Toomas; Gähwiler, Reto; Grosberg, Martin; Jõemaa, Rauno Materials and contact characterisation VIII 2017 / p. 235-248 : ill <https://doi.org/10.2495/MC170241> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Non-destructive eddy current measurements for silicon carbide heterostructure analysis

Sahakyan, Armen; Koel, Ants; Rang, Toomas Materials and contact characterisation VIII 2017 / p. 49-60 : ill

<https://doi.org/10.2495/MC170061> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Numerical analysis of the influence of deep energy level traps in SiC Schottky structures

Koel, Ants; Rang, Toomas; Rang, Galina High performance structure and materials. VI 2012 / p. 439-448 : ill

Oil shale ash as a catalyst in wastewater treatment in the pulp and paper industry

Kindsigo, Merit; Kuusik, Rein; keemik; Kallas, Juha Waste management and the environment. V 2010 / p. 403-414 : ill

On coastal waves and related upwellings in the Narva Bay

Laanearu, Janek Coastal Engineering VI : Computer Modelling and Experimental Measurements of Seas and Coastal Regions : [papers of international conference] 2003 / p. 53-61 : ill

Parametric simulation of SiC Schottky JBC structures

Rang, Toomas; Kurel, Raido Computer methods and experimental measurements for surface effects and contact mechanics VIII

2007 / p. 315-334 <https://www.witpress.com/Secure/elibrary/papers/SECM07/SECM07030FU1.pdf>

Planning of protection zones and management costs in protected coastal areas

Ehrlich, Üllas; Oja, T. Coastal environment. V, incorporating Oil Spill Studies 2004 / p. 27-34

Polytypic heterojunctions for wide bandgap semiconductor materials

Shenkin, Mikhail; Korolkov, Oleg; Rang, Toomas; Rang, Galina Materials characterization VII 2015 / p. 273-282 : ill

Preventive management of undesired changes in alongshore sediment transport in the planning of a waterfront infrastructure

Kääd, Arvo; Valdmann, Ain; Eelsalu, Maris; Pindsoo, Katri; Männikus, Rain; Soomere, Tarmo The Sustainable City XI 2016 / p. 419-430 : ill <http://doi.org/10.2495/SC160361>

Process development for 3D laser lithography

Kaste, N.; Filbert, A.; Mescheder, U.; **Rang, Toomas; Rang, Galina** High performance and optimum design of structures and materials 2014 / p. 139-150 : ill <https://doi.org/10.2495/HPSM140131> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Radioactivity of Estonian groundwater and technology for its removal

Lumiste, Liie; **Munter, Rein**; Sutt, Johannes; Kivimäe, Tiit; Eensalu, Toivo Water pollution XI 2012 / p. 211-221

Reduction of CO2 emissions by carbonation of alkaline wastewater

Uibu, Mai; Velts, Olga; Triikkel, Andres; Kuusik, Rein, keemik Air pollution XVI 2008 / p. 311-320 : ill

Rehabilitation aspects of oversized water distribution networks

Ainola, Leo; Koppel, Tiit; Kändler, Nils Hydraulic information management 2002 / p. 351-360

Reuse of waste ashes formed at oil shale based power industry in Estonia

Kuusik, Rein, keemik; Uibu, Mai; Triikkel, Andres; Kaljuvee, Tiit Waste management and the environment III 2006 / p. 111-120 : ill

Safety assessment of pedestrian crossing

Antov, Dago; Rõivas, Tiia; Pashkevich, Maria; Ernits, Erik Urban street design and planning 2014 / p. 41-53 : ill

Self-heating phenomenon and current suppressing effect at the SiC Schottky interfaces

Rang, Toomas; Kurel, Raido Software for electrical engineering analysis and design. IV 1999 / p. 153-162: ill
<https://www.witpress.com/eliibrary/wit-transactions-on-engineering-sciences/22/5010>

Small and medium sized enterprises, employment generation and regional development

Venesaar, Urve; Marksoo, U. The sustainable city IV, Urban regeneration & sustainability 2006 / p. 765-773

A study on relationships between forcing factors and morphological parameters of outlet areas of some rivers flowing into the Estonian coastal sea

Koppel, Tiit; Laanearu, Janek River basin management III : Third International Conference on River Basin Management 2005 / p. 225-235 : ill <https://www.witpress.com/eliibrary/wit-transactions-on-ecology-and-the-environment/83/15405>

Subsidising renewable electricity in Estonia

Kleesmaa, Jüri; Pädam, Sirje-Ilona; Ehrlich, Üllas Energy and sustainability III 2011 / p. 229-241

The dependence of reverse recovery time on barrier capacitance and series on-resistance in Schottky diodes

Veher, Oleksandr; Sleptšuk, Natalja; Toompuu, Jana; Korolkov, Oleg; Rang, Toomas Materials and contact characterisation VIII 2017 / p. 15-22 : ill <https://doi.org/10.2495/MC170021> [Conference proceedings at Scopus](#) [Article at Scopus](#)

The indoor climate and students' learning performance in schools

Kõiv, Teet-Andrus; Mikola, Alo; Saar, Aider; Silm, G. Management of natural resources, sustainable development and ecological hazards IV 2015 / p. 287-294 : ill <https://doi.org/10.2495/RAV150241> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

The quality of public transport as a determinant of the number of car commuters

Karu, Kristiina; Rõivas, Tiia; **Antov, Dago**; Oja, Tõnu; Mander, Ülo Urban transport XIII : Urban transport and the environment in the 21st century 2007 / p. 13-24

Transformations in the solid and liquid phase at aqueous carbonization of oil shale ash

Uibu, Mai; Triikkel, Andres; Kuusik, Rein, keemik Ecosystems and sustainable development. VI 2007 / p. 473-482 : ill

Transformations of sulfur compounds in oil shale ash suspension

Tamm, Kadriann; Kuusik, Rein, keemik; Uibu, Mai; Kallas, Juha Waste management and the environment VI 2012 / p. 25-35 : ill
<https://www.witpress.com/eliibrary/wit-transactions-on-ecology-and-the-environment/163/23681>

Urban movement patterns related to shopping centres - the example of Lõunakeskus in Tartu, Estonia

Kluge, A.; Rõivas, Tiia; **Antov, Dago**; Oja, Tõnu; Mander, Ülo The sustainable city V : Urban regeneration and sustainability 2008 / p. 475-484 : ill

Use of smartphone accelerometers for winter road maintenance improvement in urban areas

Kõrbe Kaare, Kati; Koppel, Ott; Kuhi, Kristjan Urban transport XIX 2013 / p. 253-263 : ill <https://doi.org/10.2495/UT130201> [Conference Proceedings at Scopus](#) [Article at Scopus](#)