

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; Kutt, 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

Kavaliauskaita, 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

Röivas, 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.; Haidvogl, 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, Önnela; Laaniste, Pritt 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; Röivas, Tiiu; 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 ... : Electrossoft 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

Käärd, 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; Trikkel, 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; Trikkel, Andres; Kaljuvee, Tiit Waste management and the environment III 2006 / p. 111-120 : ill

Safety assessment of pedestrian crossing

Antov, Dago; Röivas, Tia; **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/elibrary/wit-transactions-on-engineering-sciences/22/5010>

Small and medium sized enterprises, employment generation and regional development

Venesaar, Urve; Markssoo, 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/elibrary/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

Köiv, 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; Röivas, Tia; **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; Trikkel, 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/elibrary/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.; Röivas, Tia; **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

Körbe 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