

Gads	Nosaukums	Publikācijas atsauce
2015	Development of Methodology for the Assessment of Changes in Household Electricity Consumption and Calculation of CO2 Emissions	Burmistre, I., Blumberga, A., Rošā, M., Blumberga, D., Bariss, U. Development of Methodology for the Assessment of Changes in Household Electricity Consumption and Calculation of CO2 Emissions. International Journal of Global Warming, 2015, Vol.8, No.1, 114.-131.lpp. ISSN 1758-2083. e-ISSN 1758-2091. Pieejams:
2015	Dynamic Modelling of a Collection Scheme of Waste Portable Batteries for Ecological and Economic Sustainability	Blumberga, A., Timma, L., Romagnoli, F., Blumberga, D. Dynamic Modelling of a Collection Scheme of Waste Portable Batteries for Ecological and Economic Sustainability. Journal of Cleaner Production, 2015, Vol.88, 224.-233.lpp. ISSN 0959-6526. Pieejams: doi:10.1016/j.jclepro.2014.06.063
2015	Analysis of Electricity User Behavior: Case Study Based on Results from Extended Household Survey	Pozņaka, L., Burmistre, I., Blumberga, D., Blumberga, A., Rošā, M. Analysis of Electricity User Behavior: Case Study Based on Results from Extended Household Survey. Energy Procedia, 2015, Vol.72, 79.-86.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2015.06.012
2015	Comparative Multiple Regression Analysis of Household Electricity use in Latvia: Using Smart Meter Data to Examine the Effect of Different Household	Burmistre, I., Blumberga, D., Blumberga, A., Rošā, M. Comparative Multiple Regression Analysis of Household Electricity use in Latvia: Using Smart Meter Data to Examine the Effect of Different Household Characteristics. Energy Procedia, 2015, Vol.72, 49.-56.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2015.06.008
2015	Reducing Household Electricity Consumption through Demand Side Management: the Role of Home Appliance Scheduling and Peak Load Reduction	Laicāne, I., Blumberga, D., Blumberga, A., Rošā, M. Reducing Household Electricity Consumption through Demand Side Management: the Role of Home Appliance Scheduling and Peak Load Reduction. Energy Procedia, 2015, Vol.72, 222.-229.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2015.06.032
2015	Evaluation of Household Electricity Savings. Analysis of Household Electricity Demand Profile and User Activities	Laicāne, I., Blumberga, D., Blumberga, A., Rošā, M. Evaluation of Household Electricity Savings. Analysis of Household Electricity Demand Profile and User Activities. Energy Procedia, 2015, Vol.72, 285.-292.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2015.06.041
2015	Application of Low-Carbon Technologies for Cutting Household GHG Emissions	Barisa, A., Rošā, M., Laicāne, I., Sarmaņš, R. Application of Low-Carbon Technologies for Cutting Household GHG Emissions. Energy Procedia, 2015, Vol.72, 230.-237.lpp. ISSN 1876-6102. Pieejams:
2015	How to Assess Involvement of Electricity End User in Energy Efficiency Improvement. Analysis of Survey Results	Bariss, U., Dandens, Ā., Timma, L., Blumberga, A., Blumberga, D. How to Assess Involvement of Electricity End User in Energy Efficiency Improvement. Analysis of Survey Results. Energy Procedia, 2015, Vol.72, 270.-277.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2015.06.039
2015	Combined and Mixed Methods Research in Environmental Engineering: when Two is Better than	Timma, L., Blumberga, A., Blumberga, D. Combined and Mixed Methods Research in Environmental Engineering: when Two is Better than One. Energy Procedia, 2015, Vol.72, 300.-306.lpp. ISSN 1876-6102. Pieejams:
2015	An Algorithm for the Selection of Structure for Artificial Neural Networks. Case Study: Solar Thermal Energy Systems	Timma, L., Blumberga, D. An Algorithm for the Selection of Structure for Artificial Neural Networks. Case Study: Solar Thermal Energy Systems. Energy Procedia, 2015, Vol.72, 135.-141.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2015.06.019
2015	Outlining Innovation Diffusion Processes in Households Using System Dynamics. Case Study: Energy Efficiency Lighting	Timma, L., Bariss, U., Blumberga, A., Blumberga, D. Outlining Innovation Diffusion Processes in Households Using System Dynamics. Case Study: Energy Efficiency Lighting. Energy Procedia, 2015, Vol.75, 2859.-2864.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2015.07.574
2015	Mathematical Model of Packed Bed Solar Thermal Energy Storage Simulation	Dzikēvičs, M., Žandeckis, A. Mathematical Model of Packed Bed Solar Thermal Energy Storage Simulation. Energy Procedia, 2015, Vol.72, 95.-102.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2015.06.014
2015	Laboratorijas darbu krājums vides inženierzinātņu studentiem. 2.daļa	Blumberga, D., Veidenbergs, I., Valtere, S., Gedrovičs, M., Bažbauers, G., Blumberga, A., Žandeckis, A., Žogla, G., Kalniņš, S., Burmistre, I., Beloborodko, A., Kirsanovs, V., Timma, L., Muižniece, I., Kļaviņa, K., Lauka, D. Laboratorijas darbu krājums vides inženierzinātņu studentiem. 2.daļa. Rīga: RTU Izdevniecība, 2015. 118

2015	Additives in UV-Activated Urethane Acrylate Polymerization Composite Coatings	Grigale-Soročina, Z., Kalniņš, M., Simanovska, J., Vindedze, E., Birks, I., Brazdauska, E. Additives in UV-Activated Urethane Acrylate Polymerization Composite Coatings. Proceedings of the Estonian Academy of Sciences, 2015, Vol.64, Iss.1S, 88.-93.lpp. ISSN 1736-6046. e-ISSN 1736-7530. Pieejams:
2015	Analysis of GHG Reduction in Non-ETS Energy Sector	Lauka, D., Blumberga, A., Blumberga, D., Timma, L. Analysis of GHG Reduction in Non-ETS Energy Sector. Energy Procedia, 2015, Vol.75, 2534.-2540.lpp. ISSN 1876-6102. Pieejams:
2015	Conceptual Design of Experimental Solar Heat Accumulation System with Phase Change Materials	Dzikēvičs, M., Blumberga, A., Blumberga, D. Conceptual Design of Experimental Solar Heat Accumulation System with Phase Change Materials. Agronomy Research, 2015, Vol.13, No.2, 477.-484.lpp. ISSN 1406-894X.
2015	Zema oglekļa siltumapgādes sistēmas	Vīgants, Ģirts. Zema oglekļa siltumapgādes sistēmas. Promocijas darbs. Rīga: [RTU], 2015. 81 lpp.
2015	Impact of Synthetic Hormone 17 α -Ethinylestradiol on Growth of Microalgae <i>Desmodesmus Communis</i>	Bāliņa, K., Balode, M., Blumberga, D. Impact of Synthetic Hormone 17 α -Ethinylestradiol on Growth of Microalgae <i>Desmodesmus Communis</i> . Agronomy Research , 2015, Vol.13, No.2, 445.-454.lpp. ISSN 1406-894X.
2015	Use of Macroalgae for Bioenergy Production in Latvia: Review on Potential Availability of Marine Coastline Species	Bāliņa, K., Romagnoli, F., Pastare, L., Blumberga, D. Use of Macroalgae for Bioenergy Production in Latvia: Review on Potential Availability of Marine Coastline Species. No: 23rd European Biomass Conference and Exhibition, Austrija, Vienna, 1.-4. jūnijs, 2015. Vienna: 2015, 1.-1.lpp.
2015	Achieving Sustainability in Non-ETS Sectors Using System Dynamics Modelling Practice	Blumberga, A., Timma, L., Lauka, D., Dāce, E., Barisa, A., Blumberga, D. Achieving Sustainability in Non-ETS Sectors Using System Dynamics Modelling Practice. Chemical Engineering Transaction, 2015, Vol.45, 871.-876.lpp. ISSN 2283-9216. Pieejams: doi:10.3303/CET1545146
2015	Understanding the Technological Substitution by Hybrid Modelling Practice: a Methodological Approach	Timma, L., Blumberga, A., Blumberga, D. Understanding the Technological Substitution by Hybrid Modelling Practice: a Methodological Approach. Chemical Engineering Transactions, 2015, Vol.45, 379.-384.lpp. ISSN 2283-9216. Pieejams: doi:10.3303/CET1545064
2015	The Improvements of Performance Reliability in Solar Combisystem by the Applications of Artificial Intelligence	Timma, L., Blumberga, D. The Improvements of Performance Reliability in Solar Combisystem by the Applications of Artificial Intelligence. Chemical Engineering Transactions, 2015, Vol.45, 1237.-1242.lpp. ISSN 2283-9216.
2015	The Future Competitiveness of the Non-Emissions Trading Scheme District Heating Systems in the Baltic	Ziemele, J., Pakere, I., Blumberga, D. The Future Competitiveness of the Non-Emissions Trading Scheme District Heating Systems in the Baltic States. Applied Energy, 2015, in Press, xx.-xx.lpp. ISSN 0306-2619.
2015	Optimization of Landfill Gas Use in Municipal Solid Waste Landfills in Latvia	Dāce, E., Blumberga, D., Kuplais, Ģ., Bozko, L., Khabdullina, Z., Khabdullin, A. Optimization of Landfill Gas Use in Municipal Solid Waste Landfills in Latvia. Energy Procedia, 2015, Vol.72, 293.-299.lpp. ISSN 1876-6102.
2015	Laboratory Research of Granular Heat Insulation Material from Coniferous Forestry Residue	Muižniece, I., Vilcāne, L., Blumberga, D. Laboratory Research of Granular Heat Insulation Material from Coniferous Forestry Residue. Agronomy Research, 2015, Vol.13, No.3, 690.-699.lpp. ISSN 1406-894X.
2015	Modeling Syngas Composition in an Integrated System of Biomass Gasification, Electrolysis and Methanation	Dāce, E., Blumberga, D., Veidenbergs, I. Modeling Syngas Composition in an Integrated System of Biomass Gasification, Electrolysis and Methanation. Energy Procedia, 2015, Vol.75, 801.-806.lpp. ISSN 1876-6102.
2015	Charcoal Production Environmental Performance	Kļaviņa, K., Kārklīņa, K., Blumberga, D. Charcoal Production Environmental Performance. Agronomy Research, 2015, Vol.13, No.2, 511.-519.lpp. ISSN 1406-894X.
2015	A Comparison of Different Charcoal Production Technology Outputs	Kļaviņa, K., Blumberga, D. A Comparison of Different Charcoal Production Technology Outputs. No: Environment. Technology. Resources : Proceedings of the 10th International Scientific and Practical Conference, Latvija, Rēzekne, 18.-20. jūnijs, 2015. Rēzekne: Rēzeknes Augstskola, 2015, 137.-140.lpp. ISBN 978-9984-44-172-6. ISSN 1691-5402. e-ISSN 2256-070X. Pieejams: doi:10.17770/etr2015vol2.263
2015	Logging Residue Fuel Characteristic Ash Melting Temperatures	Muižniece, I., Kļaviņa, K. Logging Residue Fuel Characteristic Ash Melting Temperatures. Energy Procedia, 2015, Vol.95, 314.-318.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2016.09.012
2015	Methodology of Demand Side Management Study Course. Experience of Case Studies	Prodanuks, T., Blumberga, D. Methodology of Demand Side Management Study Course. Experience of Case Studies. Agronomy Research, 2015, Vol.13, No.2, 520.-525.lpp. ISSN 1406-894X.

2015	Elektroenerģijas lietotāju trilemma	Laicāne, Ilze. Elektroenerģijas lietotāju trilemma. Promocijas darbs. Rīga: [RTU], 2015. 183 lpp.
2015	Assessment of Indoor Air Climate in Renovated Buildings of Liepāja Municipality	Mols, T., Blumberga, A., Asere, L. Assessment of Indoor Air Climate in Renovated Buildings of Liepāja Municipality. No: Abstract Book of Environmental Engineering and Management Section of RTU 56th Students Scientific and Technical Conference, Latvija, Rīga, 17.-18. aprīlis, 2015. Rīga: RTU, 2015, 21.-21.lpp. ISBN 978-9934-507-92-
2015	Assessing the Potential of Coniferous Greenery from Logging Residues in Latvia Using a System Dynamics Model	Muižniece, I., Dāce, E., Blumberga, D. Assessing the Potential of Coniferous Greenery from Logging Residues in Latvia Using a System Dynamics Model. No: Environment. Technology. Resources: Proceedings of the 10th International Scientific and Practical Conference, Latvija, Rēzekne, 18.-20. jūnijs, 2015. Rēzekne: Rēzekne Higher Education Institution, 2015, 219.-224.lpp. ISBN 978-9984-44-172-6. ISSN 1691-5402. e-ISSN 2256-070X.
2015	Searching for Solutions to Mitigate Greenhouse Gas Emissions by Agricultural Policy Decisions - Application of System Dynamics Modeling for the Case of Latvia	Dāce, E., Muižniece, I., Blumberga, A., Kaczala, F. Searching for Solutions to Mitigate Greenhouse Gas Emissions by Agricultural Policy Decisions - Application of System Dynamics Modeling for the Case of Latvia. Science of the Total Environment, 2015, Vol.527-528, 80.-90.lpp. ISSN 0048-9697. Pieejams:
2015	Economy of Heat Cost Allocation in Apartment Buildings	Ziemele, J., Pakere, I., Blumberga, D., Žogla, G. Economy of Heat Cost Allocation in Apartment Buildings. Energy Procedia, 2015, Vol.72, 87.-94.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2015.06.013
2015	Inovatīvu organisko materiālu saules elementu fotoelektriskās īpašības	Latvels, Jānis. Inovatīvu organisko materiālu saules elementu fotoelektriskās īpašības. Promocijas darbs. Rīga: [RTU], 2015. 104 lpp.
2015	Decomposition Analysis of District Heating System based on Complemented Kaya Identity	Ziemele, J., Grāvelsiņš, A., Blumberga, D. Decomposition Analysis of District Heating System based on Complemented Kaya Identity. Energy Procedia, 2015, Vol.77, 1229.-1234.lpp. ISSN 1876-6102. Pieejams:
2015	Review-Based Emery Analysis of Energy Production	Cimdiņa, G., Prodanuks, T., Veidenbergs, I., Blumberga, D. Review-Based Emery Analysis of Energy Production. No: Environment. Technology. Resources: Proceedings of the 10th International Scientific and Practical Conference, Latvija, Rēzekne, 18.-20. jūnijs, 2015. Rēzekne: Rēzeknes Augstskola, 2015, 85.-91.lpp. ISBN 978-9984-44-172-6. ISSN 1691-5402. e-ISSN 2256-070X. Pieejams: doi:10.17770/etr2015vol2.629
2015	Dynamic Modeling of the Environmental and Economic Aspects of Bio-Resources from Agricultural and Forestry Wastes	Muižniece, I., Dāce, E., Blumberga, D. Dynamic Modeling of the Environmental and Economic Aspects of Bio-Resources from Agricultural and Forestry Wastes. Procedia Earth and Planetary Science, 2015, Vol.15, 806.-812.lpp. ISSN 1878-5220. Pieejams: doi:10.1016/j.proeps.2015.08.129
2015	Analysis of Mechanical Ventilation System with Heat Recovery in Renovated Apartment Buildings	Biseniece, E., Žogla, G., Kamenders, A., Ikaunieks, J., Rochas, C. Analysis of Mechanical Ventilation System with Heat Recovery in Renovated Apartment Buildings. Energy Procedia, 2015, Vol.72, 27.-33.lpp. e-ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2015.06.005
2015	Modelling Transition Policy to a Sustainable Regional Transport System: a Case Study of the Baltic States	Barisa, A., Rošā, M. Modelling Transition Policy to a Sustainable Regional Transport System: a Case Study of the Baltic States. Management of Environmental Quality: An International Journal, 2015, Vol.26, Iss.3, 357.-372.lpp. ISSN 1477-7835. Pieejams: doi:10.1108/MEQ-08-2014-0122
2015	Modelling Sustainable Road Transport Strategies in Latvia	Barisa, A., Rošā, M., Blumberga, A., Blumberga, D. Modelling Sustainable Road Transport Strategies in Latvia. No: International Congress on Energy and Environment Engineering and Management: Extended Abstracts Book, Francija, Paris, 22.-24. jūlijs, 2015. n.a: 2015, 1.-1.lpp.
2015	The Use of Performance Indicators for Analysis of Resource Efficiency Measures	Beloborodko, A., Rošā, M. The Use of Performance Indicators for Analysis of Resource Efficiency Measures. Energy Procedia, 2015, Vol.72, 337.-344.lpp. ISSN 1876-6102. Pieejams:
2015	Life Cycle Assessment of Landfill Mining Project	Gušča, J., Fainzilbergs, M., Muižniece, I. Life Cycle Assessment of Landfill Mining Project. Energy Procedia, 2015, Vol.72, 322.-328.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2015.06.047

2015	Biochemical Methane Potential from Anaerobic Digestion of the Macrophyte Ceratophyllum Demersum: A Batch Test study for Latvian Conditions	Pastare, L., Romagnoli, F., Ruģele, K., Dzene, I., Blumberga, D. Biochemical Methane Potential from Anaerobic Digestion of the Macrophyte Ceratophyllum Demersum: A Batch Test study for Latvian Conditions. Energy Procedia, 2015, Vol.72, 310.-316.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2015.06.045
2015	First Steps to Develop Biomimicry Ideas	Vanaga, R., Blumberga, A. First Steps to Develop Biomimicry Ideas. Energy Procedia, 2015, Vol.72, 307.-309.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2015.06.044
2015	Simulation of Power System with Stochastic Energy Resources and Compressed Air Energy Storage	Zoss, T., Blumberga, D., Keņģis, A. Simulation of Power System with Stochastic Energy Resources and Compressed Air Energy Storage. Energy Procedia, 2015, Vol.72, 278.-284.lpp. ISSN 1876-6102. Pieejams:
2015	Analysis of Wood Fuel CHP Operational Experience	Cimdiņa, G., Blumberga, D., Veidenbergs, I. Analysis of Wood Fuel CHP Operational Experience. Energy Procedia, 2015, Vol.72, 263.-269.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2015.06.038
2015	Assessment of the Potential for Balancing Wind Power Supply with Biogas Plants in Latvia	Dzene, I., Romagnoli, F. Assessment of the Potential for Balancing Wind Power Supply with Biogas Plants in Latvia. Energy Procedia, 2015, Vol.72, 250.-255.lpp. ISSN 1876-6102. Pieejams:
2015	Energy Efficiency in Multi-Family Residential Buildings in Latvia. Cost Benefit Analysis Comparing Different Business Models	Zvaigznītis, K., Rochas, C., Žogla, G., Kamenders, A. Energy Efficiency in Multi-Family Residential Buildings in Latvia. Cost Benefit Analysis Comparing Different Business Models. Energy Procedia, 2015, Vol.72, 245.-249.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2015.06.035
2015	Energy Performance of Historical Brick Buildings in Northern Climate Zone	Kašs, K., Blumberga, A., Žogla, G. Energy Performance of Historical Brick Buildings in Northern Climate Zone. Energy Procedia, 2015, Vol.72, 238.-244.lpp. ISSN 1876-6102. Pieejams:
2015	Process Benchmark for Evaluation Energy Performance in Breweries	Žogla, L., Žogla, G., Beloborodko, A., Rošā, M. Process Benchmark for Evaluation Energy Performance in Breweries. Energy Procedia, 2015, Vol.72, 202.-208.lpp. ISSN 1876-6102. Pieejams:
2015	Government and Municipality Owned Building Energy Efficiency System Dynamics Modelling	Asere, L., Blumberga, A. Government and Municipality Owned Building Energy Efficiency System Dynamics Modelling. Energy Procedia, 2015, Vol.72, 180.-187.lpp. ISSN 1876-6102. Pieejams:
2015	Assessment Method of Health Care Waste Generation in Latvia and Kazakhstan	Gušča, J., Kalniņš, S., Blumberga, D., Bozhko, L., Khabdullina, Z., Khabdullin, A. Assessment Method of Health Care Waste Generation in Latvia and Kazakhstan. Energy Procedia, 2015, Vol.72, 175.-179.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2015.06.025
2015	Cost-Benefit Analysis of Plasma-based Technologies	Blumberga, A., Blumberga, D., Pubule, J., Romagnoli, F. Cost-Benefit Analysis of Plasma-based Technologies. Energy Procedia, 2015, Vol.72, 170.-174.lpp. ISSN 1876-6102. Pieejams:
2015	SWOT Analysis Approach for Advancement of Waste-to-energy Cluster in Latvia	Beloborodko, A., Romagnoli, F., Rošā, M., Disanto, C., Salimbeni, R., Karlsen, E., Reime, M., Schwab, T., Mortensen, J., Ibarra, M., Blumberga, D. SWOT Analysis Approach for Advancement of Waste-to-energy Cluster in Latvia. Energy Procedia, 2015, Vol.72, 163.-169.lpp. ISSN 1876-6102. Pieejams:
2015	Role of Vehicle-to-grid Systems for Electric Load Shifting and Integration of Intermittent Sources in Latvian Power System	Udrene, L., Bažbauers, G. Role of Vehicle-to-grid Systems for Electric Load Shifting and Integration of Intermittent Sources in Latvian Power System. Energy Procedia, 2015, Vol.72, 156.-162.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2015.06.022
2015	Life Cycle Assessment of Renewable Energy Alternatives for Replacement of Natural Gas in Building Material Industry	Rēpele, M., Bažbauers, G. Life Cycle Assessment of Renewable Energy Alternatives for Replacement of Natural Gas in Building Material Industry. Energy Procedia, 2015, Vol.72, 127.-134.lpp. ISSN 1876-6102. Pieejams:
2015	Efficiency Diagram for District Heating System with Gas Condensing Unit	Vīgants, Ģ., Galindoms, G., Veidenbergs, I., Vīgants, E., Blumberga, D. Efficiency Diagram for District Heating System with Gas Condensing Unit. Energy Procedia, 2015, Vol.72, 119.-126.lpp. ISSN 1876-6102. Pieejams:
2015	Application of ISO 50001 for Implementation of Sustainable Energy Action Plans	Dzene, I., Poljīkarpova, I., Žogla, L., Rošā, M. Application of ISO 50001 for Implementation of Sustainable Energy Action Plans. Energy Procedia, 2015, Vol.72, 111.-118.lpp. ISSN 1876-6102. Pieejams:
2015	Economic Assessment of Biomethane Supply System based on Natural Gas Infrastructure	Paturka, A., Rēpele, M., Bažbauers, G. Economic Assessment of Biomethane Supply System based on Natural Gas Infrastructure. Energy Procedia, 2015, Vol.72, 71.-78.lpp. ISSN 1876-6102. Pieejams:

2015	Experimental Study on the Effects of Air Velocity, Temperature and Depth on Low-temperature Bed Drying of Forest Biomass Residue	Kļaviņa, K., Cinis, A., Žandeckis, A. Experimental Study on the Effects of Air Velocity, Temperature and Depth on Low-temperature Bed Drying of Forest Biomass Residue. Energy Procedia, 2015, Vol.72, 42.-48.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2015.06.007
2015	Combined Methodology to Evaluate Transition to Low Carbon Society	Kalniņš, S., Blumberga, D., Gušča, J. Combined Methodology to Evaluate Transition to Low Carbon Society. Energy Procedia, 2015, Vol.72, 11.-18.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2015.06.003
2015	Co-digestion of Macroalgae for Biogas Production: An LCA-based Environmental Evaluation	Cappelli, A., Gigli, E., Romagnoli, F., Simoni, S., Blumberga, D., Palerno, M., Guerriero, E. Co-digestion of Macroalgae for Biogas Production: An LCA-based Environmental Evaluation. Energy Procedia, 2015, Vol.72, 3.-10.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2015.06.002
2015	Smart Meters as Enablers for Feedback Information Induced Energy Efficiency and Demand Response: Case Analysis in Latvia	Bariss, U., Dandens, Ā., Blumberga, D. Smart Meters as Enablers for Feedback Information Induced Energy Efficiency and Demand Response: Case Analysis in Latvia. No: 2015 IEEE 5th International Conference on Power Engineering, Energy and Electrical Drives (POWERENG): Proceedings, Latvija, Rīga, 11.-13. maijs, 2015. Rīga: Riga Technical University, 2015, 69.-73.lpp. ISBN 978-1-4673-7203-9. e-ISBN 978-1-4799-9978-1. e-ISSN 2155-5532.
2015	Hybrid System with Biomethanation for Wind Energy Accumulation in the Baltic Countries	Blumberga, D., Vīgants, E., Romagnoli, F., Blumberga, A., Kalniņš, S., Veidenbergs, I. Hybrid System with Biomethanation for Wind Energy Accumulation in the Baltic Countries. Energy Procedia, 2015, Vol.75, 754.-759.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2015.07.507
2015	Merging Science and Arts to Communicate Nature Conservation	Opermanis, O., Kalniņš, S., Aunins, A. Merging Science and Arts to Communicate Nature Conservation. Journal for Nature Conservation, 2015, Vol.28, 67.-77.lpp. ISSN 1617-1381. Pieejams: doi:10.1016/j.jnc.2015.09.005
2015	Solutions for Energy Efficient and Sustainable Heating of Ventilation Air: A Review	Žandeckis, A., Kļaviņa, K., Dzikēvičs, M., Kirsanovs, V., Žogla, G. Solutions for Energy Efficient and Sustainable Heating of Ventilation Air: A Review. Journal of Engineering Science and Technology Review, 2015, Vol.8,
2015	Co-digestion of Algae Biomass for Production of Biogas and Fertilizer: Life Cycle Cost Analysis	Slišāne, D., Romagnoli, F., Kamenders, A., Veidenbergs, I., Blumberga, D. Co-digestion of Algae Biomass for Production of Biogas and Fertilizer: Life Cycle Cost Analysis. No: Environment. Technology. Resources : Proceedings of the 10th International Scientific and Practical Conference, Latvija, Rēzekne, 18.-20. jūnijs, 2015. Rēzekne: Rēzeknes Augstskola, 2015, 284.-288.lpp. ISBN 978-9984-44-172-6. ISSN 1691-5402. e-ISSN 2256-070X.
2015	Atjaunojamās elektroenerģijas akumulācija	Blumberga, A., Blumberga, D., Dzene, I., Gušča, J., Romagnoli, F., Vīgants, E., Veidenbergs, I. Atjaunojamās elektroenerģijas akumulācija. Rīga: RTU Izdevniecība, 2015. 238 lpp. ISBN 978-9934-10-748-1.
2015	Methodologies Used for Scaling-up from a Single Energy Production Unit to State Energy Sector	Cimdiņa, G., Timma, L., Veidenbergs, I., Blumberga, D. Methodologies Used for Scaling-up from a Single Energy Production Unit to State Energy Sector. Environmental and Climate Technologies. Nr.15, 2015, 5.-21.lpp. ISSN 1691-5208. e-ISSN 2255-8837. Pieejams: doi:10.1515/rtuect-2015-0002
2015	Life Cycle Cost of Solar Biomass Hybrid Dryer Systems for Cashew Drying of Nuts in India	Dhanushkodi, S., Wilson, V., Sudhakar, K. Life Cycle Cost of Solar Biomass Hybrid Dryer Systems for Cashew Drying of Nuts in India. Environmental and Climate Technologies. Nr.15, 2015, 22.-33.lpp. ISSN 1691-5208. e-ISSN 2255-8837. Pieejams: doi:10.1515/rtuect-2015-0003
2015	Feasibility of Applying Clean Development Mechanism and GHGs Emission Reductions in the Gold Mining Industry: A Case of Thailand	Kittipongvises, S. Feasibility of Applying Clean Development Mechanism and GHGs Emission Reductions in the Gold Mining Industry: A Case of Thailand. Environmental and Climate Technologies. Nr.15, 2015, 34.-47.lpp. ISSN 1691-5208. e-ISSN 2255-8837. Pieejams: doi:10.1515/rtuect-2015-0004
2015	Waste-to-biomethane Concept Application: A Case Study of Valmiera City in Latvia	Barisa, A., Dzene, I., Rošā, M., Dobrāja, K. Waste-to-biomethane Concept Application: A Case Study of Valmiera City in Latvia. Environmental and Climate Technologies. Nr.15, 2015, 48.-58.lpp. ISSN 1691-5208. e-ISSN 2255-8837. Pieejams: doi:10.1515/rtuect-2015-0005

2015	Approaches to the Organization of the Energy Efficient Activity at the Regional Level in the Context of Limited Budget Resources during the Transformation of Energy Market Paradigm	Vakulenko, I., Myroshnychenko, I. Approaches to the Organization of the Energy Efficient Activity at the Regional Level in the Context of Limited Budget Resources during the Transformation of Energy Market Paradigm. Environmental and Climate Technologies. Nr.15, 2015, 59.-76.lpp. ISSN 1691-5208. e-ISSN 2255-8837. Pieejams: doi:10.1515/rtuect-2015-0006
2015	Thermogravimetric and Kinetic Analysis of Melon (Citrullus colocynthis L.) Seed Husk Using the Distributed Activation Energy Model	Nyakuma, B. Thermogravimetric and Kinetic Analysis of Melon (Citrullus colocynthis L.) Seed Husk Using the Distributed Activation Energy Model. Environmental and Climate Technologies. Nr.15, 2015, 77.-89.lpp. ISSN 1691-5208. e-ISSN 2255-8837. Pieejams: doi:10.1515/rtuect-2015-0007
2015	Electricity Saving in Households due to the Market Liberalization and Change in the Consumer Behaviour	Bažbauers, G., Bariss, U., Timma, L., Lauka, D., Blumberga, A., Blumberga, D. Electricity Saving in Households due to the Market Liberalization and Change in the Consumer Behaviour. Energetika, 2015, Nr.61, 108.-118.lpp. ISSN 0235-7208. Pieejams: doi:10.6001/energetika.v61i3-4.3251
2015	Preliminary Analysis of Anaerobic Digestion Process using Ceratophyllum demersum and Low Carbon Content Additives: A Batch Test Study	Lauka, D., Pastare, L., Blumberga, D., Romagnoli, F. Preliminary Analysis of Anaerobic Digestion Process using Ceratophyllum demersum and Low Carbon Content Additives: A Batch Test Study. Energy Procedia, 2015, Vol.72, 142.-147.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2015.06.020
2015	Energy Related Sustainability Analysis of Shale Oil Retorting Technologies	Gušča, J., Siirde, A., Eldermann, M. Energy Related Sustainability Analysis of Shale Oil Retorting Technologies. Energy Procedia, 2015, Vol.72, 216.-221.lpp. ISSN 1876-6102. Pieejams:
2015	Investigation of Biomass Gasification Process with Torrefaction Using Equilibrium Model	Kirsanovs, V., Zandeckis, A. Investigation of Biomass Gasification Process with Torrefaction Using Equilibrium Model. Energy Procedia, 2015, Vol.72, 329.-336.lpp. ISSN 1876-6102. Pieejams:
2015	Analysis of Energy Consumption for Biomass Drying Process	Vīgants, E., Vīgants, Ģ., Veidenbergs, I., Lauka, D., Kļaviņa, K., Blumberga, D. Analysis of Energy Consumption for Biomass Drying Process. No: Environment. Technology. Resources: Proceedings of the 10th International Scientific and Practical Conference. Vol.2, Latvija, Rezekne, 18.-20. jūnijs, 2015. Rezekne: Rezekne Academy of Technologies, 2015, 317.-322.lpp. ISBN 978-9984-44-172-6. ISSN 1691-5402. e-ISSN 2256-070X. Pieejams: