

Gads	Nosaukums	Publikācijas atsauce
2017	Chemical and Microbiological Nature of Produced Water Treatment Biotechnology	Turkayeva, A., Jamalova, G., Mussina, U., Oshakbayev, M., Timma, L., Pubule, J., Blumberga, D. Chemical and Microbiological Nature of Produced Water Treatment Biotechnology. Energy Procedia, 2017, Vol.113, 116.-120.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.032
2017	Biotechnomy Innovations Development Barriers in Latvia	Muižniece, I., Timma, L., Blumberga, D. Biotechnomy Innovations Development Barriers in Latvia. Energy Procedia, 2017, Vol.113, 285.-288.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.067
2017	Exergy Analysis for District Heating Network	Terehovičs, E., Veidenbergs, I., Blumberga, D. Exergy Analysis for District Heating Network. Energy Procedia, 2017, Vol.113, 189.-193.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.053
2017	District Heating Tariff Component Analysis for Tariff Benchmarking Model	Sarma, U., Bažbauers, G. District Heating Tariff Component Analysis for Tariff Benchmarking Model. Energy Procedia, 2017, Vol.113, 104.-110.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.029
2017	Sectoral Greenhouse Gas Emission Mitigation Possibilities. Why Broad Spectrum of Indicators are Applied	Pubule, J., Gancone, A., Rošā, M., Blumberga, D. Sectoral Greenhouse Gas Emission Mitigation Possibilities. Why Broad Spectrum of Indicators are Applied. Energy Procedia, 2017, Vol.113, 377.-381.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.015
2017	Laboratory Algae Growing and BMP Tests with Ulva Intestinalis from the Gulf of Riga	Sabūnas, A., Romagnoli, F., Pastare, L., Bāliņa, K. Laboratory Algae Growing and BMP Tests with Ulva Intestinalis from the Gulf of Riga. Energy Procedia, 2017, Vol.113, 277.-284.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.066
2017	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. Energy Procedia, 2017, Vol.113, 403.-410.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.022
2017	Towards Carbon Neutral Combustion. LCOE Analysis of Co-firing Solid Particles and Gaseous Fuel in Latvia	Fawzy, M., Prodanuks, T., Veidenbergs, I., Blumberga, D. Towards Carbon Neutral Combustion. LCOE Analysis of Co-firing Solid Particles and Gaseous Fuel in Latvia. Energy Procedia, 2017, Vol.113, 428.-433.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.030
2017	Energy Efficiency Indicators in Peat Extraction Industry - A Case Study	Pakere, I., Blumberga, D. Energy Efficiency Indicators in Peat Extraction Industry - A Case Study. Energy Procedia, 2017, Vol.113, 143.-150.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.042
2017	Seaweed Cultivation Laboratory Testing: Effects of Nutrients on Growth Rate of Enteromorpha Intestinalis	Bāliņa, K., Līkā, A., Romagnoli, F., Blumberga, D. Seaweed Cultivation Laboratory Testing: Effects of Nutrients on Growth Rate of Enteromorpha Intestinalis. Energy Procedia, 2017, Vol.113, 454.-459.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.038
2017	Analysis of Industrial Electricity Consumption Flexibility. Assessment of Saving Potentials in Latvia and Kazakhstan	Khabdullin, A., Khabdullin, A., Khabdullina, Z., Khabdullina, G., Lauka, D., Blumberga, D. Analysis of Industrial Electricity Consumption Flexibility. Assessment of Saving Potentials in Latvia and Kazakhstan. Energy Procedia, 2017, Vol.113, 450.-453.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.037
2017	Optimization Methodology for Complete Use of Bio-Resources	Kubule, A., Komisarova, T., Blumberga, D. Optimization Methodology for Complete Use of Bio-Resources. Energy Procedia, 2017, Vol.113, 28.-34.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.009
2017	Innovative Bioproducts from Forest Biomass. Analysis Methodology	Muižniece, I., Grāvelsiņš, A., Brauners, I., Blumberga, A., Blumberga, D. Innovative Bioproducts from Forest Biomass. Analysis Methodology. Energy Procedia, 2017, Vol.113, 434.-441.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.035
2017	Invasive Species Application in Bioeconomy. Case Study Heracleum Sosnowskyi Menden in Latvia	Žihare, L., Blumberga, D. Invasive Species Application in Bioeconomy. Case Study Heracleum Sosnowskyi Menden in Latvia. Energy Procedia, 2017, Vol.113, 238.-241.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.060

2017	Biomass Co-Firing Laboratory Equipment	Priedniece, V., Prodanuks, T., Fawzy, M., Kazulis, V., Veidenbergs, I., Blumberga, D. Biomass Co-Firing Laboratory Equipment. Energy Procedia, 2017, Vol.113, 390.-395.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.019
2017	Bioeconomy Growth in Latvia. System-Dynamics Model for High-Value Added Products in Fisheries	Ruņģe, K., Blumberga, A., Blumberga, D. Bioeconomy Growth in Latvia. System-Dynamics Model for High-Value Added Products in Fisheries. Energy Procedia, 2017, Vol.113, 339.-345.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.075
2017	Mathematical Modelling of Performance of New Type of Climate Adaptive Building Shell	Zamovskis, M., Vanaga, R., Blumberga, A. Mathematical Modelling of Performance of New Type of Climate Adaptive Building Shell. Energy Procedia, 2017, Vol.113, 270.-276.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.065
2017	Urban Planning Needs. Clustering of Energy End Users	Kalnbaļķīte, A., Lauka, D., Blumberga, D. Urban Planning Needs. Clustering of Energy End Users. Energy Procedia, 2017, Vol.113, 297.-303.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.069
2017	Heat Demand and Energy Resources Balance Change in Latvia	Kamenders, A., Vilcāne, L., Indzere, Z., Blumberga, D. Heat Demand and Energy Resources Balance Change in Latvia. Energy Procedia, 2017, Vol.113, 411.-416.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.025
2017	Energy Reduction Potential of the District Heating Company Introducing Energy Management Systems	Poljarkpova, I., Rošā, M. Energy Reduction Potential of the District Heating Company Introducing Energy Management Systems. No: Energy Procedia, Rīga, 10.-12. maijs, 2017. Rīga: Elsevier, 2017, 66.-71.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.09.016
2017	Comparative Life Cycle Assessment of Woodchip Uses in Pyrolysis and Combined Heat and Power Production in Latvia	Kļaviņa, K., Romagnoli, F., Blumberga, D. Comparative Life Cycle Assessment of Woodchip Uses in Pyrolysis and Combined Heat and Power Production in Latvia. Energy Procedia, 2017, Vol.113, 201.-208.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.055
2017	Pre-Assessment Method for Historical Building Stock Renovation Evaluation	Kašs, K., Blumberga, A., Blumberga, D., Žogla, G., Kamenders, A., Biseniece, E. Pre-Assessment Method for Historical Building Stock Renovation Evaluation. Energy Procedia, 2017, Vol.113, 346.-353.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.004
2017	Process Optimization for Pellets Production	Vīgants, H., Priedniece, V., Veidenbergs, I., Blumberga, D. Process Optimization for Pellets Production. Energy Procedia, 2017, Vol.113, 396.-402.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.021
2017	Common and Distinctive in Municipal Solid Waste Management in Baltic States	Kļavenieks, K., Blumberga, D. Common and Distinctive in Municipal Solid Waste Management in Baltic States. Energy Procedia, 2017, Vol.113, 319.-326.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.072
2017	Case Study of Lead Pollution in the Roads of Almaty	Kazulis, V., Blumberga, D., Muzychenko, I., Jamalova, G., Mussina, U. Case Study of Lead Pollution in the Roads of Almaty. Energy Procedia, 2017, Vol.113, 369.-376.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.010
2017	Latvian Energy Policy on Energy Intensive Industries	Ločmelis, K., Bariss, U., Blumberga, D. Latvian Energy Policy on Energy Intensive Industries. Energy Procedia, 2017, Vol.113, 362.-368.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.008
2017	Laboratory Investigation of Latvian Historic Brick and Measurements of Water Movement in Historic Masonry Walls	Purviņš, R., Biseniece, E., Blumberga, A. Laboratory Investigation of Latvian Historic Brick and Measurements of Water Movement in Historic Masonry Walls. Energy Procedia, 2017, Vol.113, 327.-332.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.073
2017	Support Mechanisms for Biomethane Production and Supply	Rēpele, M., Udrene, L., Bažbauers, G. Support Mechanisms for Biomethane Production and Supply. Energy Procedia, 2017, Vol.113, 304.-310.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.070

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2017	Biomass Gasification for District Heating	Kirsanovs, V., Blumberga, D., Kārklīņa, K., Veidenbergs, I., Rochas, C., Vīgants, E., Vīgants, Ģ. Biomass Gasification for District Heating. Energy Procedia, 2017, Vol.113, 217.-223.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.057
2017	Design of Experimental Investigation about the Effects of Flow Rate and PCM Placement on Thermal Accumulation	Dzikēvičs, M., Kirsanovs, V., Blumberga, D., Veidenbergs, I. Design of Experimental Investigation about the Effects of Flow Rate and PCM Placement on Thermal Accumulation. Energy Procedia, 2017, Vol.113, 58.-62.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.014
2017	Measuring Community Disaster Resilience in the Latvian Context: an Apply Case using a Composite Indicator Approach	Feofilovs, M., Romagnoli, F. Measuring Community Disaster Resilience in the Latvian Context: an Apply Case using a Composite Indicator Approach. Energy Procedia, 2017, 113, 43.-50.lpp. ISSN 1876-6102.
2017	Why Solar Electricity Has High Potential for Kazakhstan Industries	Terehovičs, E., Khabdullin, A., Khabdullin, A., Khabdullina, Z., Khabdullina, G., Veidenbergs, I., Blumberga, D. Why Solar Electricity Has High Potential for Kazakhstan Industries. Energy Procedia, 2017, Vol.113, 417.-422.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.026
2017	Biotechnomy System Dynamics Modelling: Sustainability of Pellet Production	Blumberga, A., Grāvelsiņš, A., Vīgants, H., Blumberga, D. Biotechnomy System Dynamics Modelling: Sustainability of Pellet Production. International Journal of Electrical, Computer, Energetic, Electronic and Communication Engineering, 2017, Vol.11, No.4, 322.-326.lpp.
2017	Gas Condensing Unit with Inner Heat Exchanger	Blumberga, D., Prodanuks, T., Veidenbergs, I., Blumberga, A. Gas Condensing Unit with Inner Heat Exchanger. International Journal of Electrical, Computer, Energetic, Electronic and Communication Engineering, 2017, Vol.11, No.4, 353.-357.lpp.
2017	Comparative Analyses of Processed Wood Waste Reuse Possibilities after Chemical Delignification Treatment	Ismaili M'hamdi, A., Gušča, J., Blumberga, D., Zerouale, A., Idrissi Kandri, N. Comparative Analyses of Processed Wood Waste Reuse Possibilities after Chemical Delignification Treatment. Energy Procedia, 2017, Vol.113, 289.-296.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.068
2017	Algorithm for Life Cycle Inventory of Medical Waste Treatment Technologies Emphasizing the Role of Treatment Efficiency	Gušča, J., Kuzņecova, I., Kalniņš, S. Algorithm for Life Cycle Inventory of Medical Waste Treatment Technologies Emphasizing the Role of Treatment Efficiency. Energy Procedia, 2017, Vol.113, 423.-427.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.028
2017	Calculation Framework of Household Sustainability Index for Heat Generation	Kuzņecova, I., Gedrovičs, M., Kalniņš, S., Gušča, J. Calculation Framework of Household Sustainability Index for Heat Generation. Energy Procedia, 2017, Vol.113, 476.-481.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.043
2017	Quantitative Analysis of Individual Heating Sector of Latvia	Kuzņecova, I., Gedrovičs, M., Kalniņš, S., Gušča, J. Quantitative Analysis of Individual Heating Sector of Latvia. Energy Procedia, 2017, Vol.113, 494.-500.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.04.049
2017	Market Opportunities for Cellulose Products from Combined Renewable Resources	Žihare, L., Blumberga, D. Market Opportunities for Cellulose Products from Combined Renewable Resources. Environmental and Climate Technologies. Nr.19, 2017, 33.-38.lpp. ISSN 1691-5208. e-ISSN 2255-8837. Pieejams: doi:10.1515/rtuct-2017-0003

2017	Impact of Economical Mechanisms on CO2 Emissions from Non-ETS District Heating in Latvia Using System Dynamic Approach	Ziemele, J., Cilinskis, E., Žogla, G., Grāvelsiņš, A., Blumberga, A., Blumberga, D. Impact of Economical Mechanisms on CO2 Emissions from Non-ETS District Heating in Latvia Using System Dynamic Approach. International Journal of Energy and Environmental Engineering, 2017, in Press, 1.-11.lpp. ISSN 2008-9163. e-ISSN 2251-6832. Pieejams: doi:10.1007/s40095-017-0241-9
2017	Eitrofikācijas samazināšanas risinājumi, izmantojot Latgales ezeru makroaļģes biogāzes ražošanai	Romagnoli, F., Bāliņa, K., Spalviņš, K. Eitrofikācijas samazināšanas risinājumi, izmantojot Latgales ezeru makroaļģes biogāzes ražošanai. No: 4. pasaules latgaliešu saiets "Latgales Simtgades kongress", Latvija, Rēzekne, 5.-6. maijs, 2017. Rēzekne: Rēzeknes Tehnoloģiju akadēmija, 2017, 67.-68.lpp. ISSN 2500-9591. Pieejams: doi:10.17770/latg2017.9.2683
2017	Energy Efficiency Policy Analysis Using Socio-Technical Approach and System Dynamics. Case Study of Lighting in Latvia's Households	Timma, L., Bažbauers, G., Bariss, U., Blumberga, A., Blumberga, D. Energy Efficiency Policy Analysis Using Socio-Technical Approach and System Dynamics. Case Study of Lighting in Latvia's Households. Energy Policy, 2017, Vol.109, 545.-554.lpp. ISSN 0301-4215. Pieejams: doi:10.1016/j.enpol.2017.07.030
2017	Thermal Performance of Internally Insulated Historic Brick Building in Cold Climate: A Long Term Case Study	Biseniece, E., Žogla, G., Kamenders, A., Purviņš, R., Kašs, K., Vanaga, R., Blumberga, A. Thermal Performance of Internally Insulated Historic Brick Building in Cold Climate: A Long Term Case Study. Energy and Buildings, 2017, Vol.152, 577.-586.lpp. ISSN 0378-7788. Pieejams: doi:10.1016/j.enbuild.2017.07.082
2017	Bioeconomy Mapping Indicators and Methodology. Case Study about Forest Sector in Latvia	Blumberga, D., Muižniece, I., Žihare, L., Sniega, L. Bioeconomy Mapping Indicators and Methodology. Case Study about Forest Sector in Latvia. Energy Procedia, 2017, Vol.128, 363.-367.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.09.053
2017	Methodology for Estimation of Carbon Dioxide Storage in Bioproducts	Kalnbaļķīte, A., Žihare, L., Blumberga, D. Methodology for Estimation of Carbon Dioxide Storage in Bioproducts. Energy Procedia, 2017, Vol.128, 553.-538.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.09.002
2017	Insight into Bioeconomy. Solidago Canadensis as a Valid Resource. Brief Review	Žihare, L., Blumberga, D. Insight into Bioeconomy. Solidago Canadensis as a Valid Resource. Brief Review. Energy Procedia, 2017, Vol.128, 275.-280.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.09.074
2017	Carbon Storage in Wood Products	Kazulis, V., Muižniece, I., Žihare, L., Blumberga, D. Carbon Storage in Wood Products. Energy Procedia, 2017, Vol.128, 558.-563.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.09.009
2017	Energy Policy for Energy Intensive Manufacturing Companies and Its Impact on Energy Efficiency Improvements. System Dynamics Approach	Ločmelis, K., Blumberga, A., Bariss, U., Blumberga, D. Energy Policy for Energy Intensive Manufacturing Companies and Its Impact on Energy Efficiency Improvements. System Dynamics Approach. Energy Procedia, 2017, Vol.128, 10.-16.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.09.005
2017	Resilience of Critical Infrastructures: Probabilistic Case Study of a District Heating Pipeline Network in Municipality of Latvia	Feofilovs, M., Romagnoli, F. Resilience of Critical Infrastructures: Probabilistic Case Study of a District Heating Pipeline Network in Municipality of Latvia. Energy Procedia, 2017, Vol.128, 17.-23.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.09.007
2017	The Role of Forest Biotechnology Industry in the Macroeconomic Development Model of the National Economy of Latvia: a System Dynamics Approach	Āzis, R., Blumberga, A., Bažbauers, G. The Role of Forest Biotechnology Industry in the Macroeconomic Development Model of the National Economy of Latvia: a System Dynamics Approach. Energy Procedia, 2017, Vol.128, 32.-37.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.09.011
2017	Opportunities for Bioenergy in the Baltic Sea Region	Silveira, S., Khatiwada, D., Leduc, S., Kraxner, F., Venkata, B., Tilvikine, V., Gaubyte, V., Romagnoli, F., Tauraitė, E., Kundas, S., Peterson, K., Utsar, K., Vīgants, E., Kalinichenko, A. Opportunities for Bioenergy in the Baltic Sea Region. Energy Procedia, 2017, Vol.128, 157.-164.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.09.036

2017	Low Carbon Municipalities. The Impact of Energy Management on Climate Mitigation at Local Scale	Kamenders, A., Rošā, M., Kašs, K. Low Carbon Municipalities. The Impact of Energy Management on Climate Mitigation at Local Scale. Energy Procedia, 2017, Vol.128, 172.-178.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.09.038
2017	Levelized Cost of Energy Analysis of Co-Firing Solid, Liquid and Gaseous Fuel	Fawzy, M., Kazulis, V., Veidenbergs, I., Blumberga, D. Levelized Cost of Energy Analysis of Co-Firing Solid, Liquid and Gaseous Fuel. Energy Procedia, 2017, Vol.128, 202.-207.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.09.042
2017	Prioritization Methodology for the Determination of National Targets	Cilinskis, E., Indzere, Z., Blumberga, D. Prioritization Methodology for the Determination of National Targets. Energy Procedia, 2017, Vol.128, 215.-221.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.09.058
2017	QFD Framework for Selection of Industry Development Scenarios	Eldermann, M., Siirde, A., Gušča, J. QFD Framework for Selection of Industry Development Scenarios. Energy Procedia, 2017, Vol.128, 230.-233.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.09.060
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2017	Analysis of Wood Bark Use Opportunities	Jansone, Z., Muižniece, I., Blumberga, D. Analysis of Wood Bark Use Opportunities. Energy Procedia, 2017, Vol.128, 268.-274.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.09.070
2017	Performance Evaluation of Passive Heat Barrier System in Latvian Climatic Conditions	Zamovskis, M., Blumberga, A. Performance Evaluation of Passive Heat Barrier System in Latvian Climatic Conditions. Energy Procedia, 2017, Vol.128, 281.-286.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.09.075
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2017	Evaluation of Agriculture Eco-Efficiency in Latvia	Gancone, A., Pubule, J., Rošā, M., Blumberga, D. Evaluation of Agriculture Eco-Efficiency in Latvia. Energy Procedia, 2017, Vol.128, 309.-315.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.08.318
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2017	Comparison between Passive Remediation and Bioremediation for the Hydrocarbons Contaminated Soil Clean Up	Zivelyte, V., Valters, K., Vasarevičius, S. Comparison between Passive Remediation and Bioremediation for the Hydrocarbons Contaminated Soil Clean Up. Energy Procedia, 2017, Vol.128, 339.-344.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.08.322

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2017	Eco-Design Analysis for Innovative Bio-Product from Forest Biomass Assessment	Kazulis, V., Muižniece, I., Blumberga, D. Eco-Design Analysis for Innovative Bio-Product from Forest Biomass Assessment. Energy Procedia, 2017, Vol.128, 368.-372.lpp. ISSN 1876-6102. Pieejams: doi:10.1016/j.egypro.2017.09.054
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