Fredrik Haglind - Research outputs - DTU Orbit (28/07/2019)

A comparison of linear and nonlinear programming for the optimization of ship machinery systems. / Baldasso, Enrico; Elg, Mia; Haglind, Fredrik; Baldi, Francesco.
Research output: Contribution to conference › Paper – Annual report year: 2019 › Research › peer-review

Application of the group contribution volume translated Peng-Robinson equation of state to new commercial refrigerant mixtures. / Bell, I. H.; Welliquet, J.; Mondejar, M. E.; Bazyleva, A.; Quoilin, S.; Haglind, F.
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

A review of heat transfer enhancement techniques in plate heat exchangers. / Zhang, Ji; Zhu, Xiaowei; Mondejar, Maria E.; Haglind, Fredrik.
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Assessment of methods for performance comparison of pure and zeotropic working fluids for organic Rankine cycle power systems. / Andreasen, Jesper Graa; Kærn, Martin Ryhl; Haglind, Fredrik.
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Condensation heat transfer and pressure drop characteristics of R134a, R1234ze(E), R245fa and R1233zd(E) in a plate heat exchanger. / Zhang, Ji; Kærn, Martin Ryhl; Ommen, Torben; Elmegaaard, Brian; Haglind, Fredrik.
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Design and optimization of power hubs for Brazilian off-shore oil production units. / Vidoza, Jorge; Andreasen, Jesper Graa; Haglind, Fredrik; Reis, Max; Gallo, Waldyr.
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Design of header and coil steam generators for concentrating solar power applications accounting for low-cycle fatigue requirements. / Ferruzza, Davide; Kærn, Martin Ryhl; Haglind, Fredrik.
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Dynamic modelling and development of a reliable control strategy of organic Rankine cycle power systems for waste heat recovery on heavy-duty vehicles. / Imran, Muhammad; Haglind, Fredrik.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2019 › Research › peer-review

Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Experimental and numerical analysis of a reciprocating piston expander with variable valve timing for small-scale organic Rankine cycle power systems. / Wróski, Jorřt; Imran, Muhammad; Skovrup, Morten Juell; Haglind, Fredrik.
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

General heat transfer correlations for flow boiling of zeotropic mixtures in horizontal plain tubes. / Zhang, Ji; Mondejar, Maria E.; Haglind, Fredrik.
Optimization of organic rankine cycle power systems for waste heat recovery on heavy-duty vehicles considering the performance, cost, mass and volume of the system. / Imran, Muhammad; Haglind, Fredrik; Lemort, Vincent; Meroni, Andrea.

Technical and economic feasibility of organic Rankine cycle-based waste heat recovery systems on feeder ships: Impact of nitrogen oxides emission abatement technologies. / Baldasso, Enrico; Andreasen, Jesper Graa; Mondejar, Maria E.; Larsen, Ulrik; Haglind, Fredrik.

Techno-economic analysis of a power generation system consisting of a foil-based concentrating solar collector and an organic Rankine cycle unit. / Desai, Nishith B.; Pranov, Henrik; Haglind, Fredrik.

Uncertainty in the prediction of the thermophysical behavior of new halogenated working fluids. / Mondejar, Maria E.; Frutiger, Jérôme; Cignitti, Stefano; Abildskov, Jens; Sin, Gürkan; Woodley, John M.; Haglind, Fredrik.

A methodology for the preliminary design and performance prediction of high-pressure ratio radial-inflow turbines. / Meroni, Andrea; Robertson, Miles; Martinez-Botas, Ricardo; Haglind, Fredrik.


Binary interaction parameters for the study of hydrofluoroolefins blends using cubic equations of state. / Mondejar, Maria E.; Haglind, Fredrik.

Design and optimization of a power hub for Brazilian off-shore oil production units. / Vidoza, Jorge; Andreasen, Jesper Graa; Haglind, Fredrik; Reis, Max; Gallo, Waldyr.

Design of centrifugal compressors for heat pump systems. / Meroni, Andrea; Zühlisdorf, Benjamin; Elmegaard, Brian; Haglind, Fredrik.

Heat transfer and pressure drop characteristics of high temperature condensation of R245fa and R1233zd in a plate heat exchanger. / Zhang, Ji; Elmegaard, Brian; Haglind, Fredrik.
Hybridization of concentrated solar power and biomass combustion for combined heat and power generation in Northern Europe. / Backen, Mathis; Ferruzza, Davide; Kjærgaard Larsen, Lasse; Haglind, Fredrik.
Research output: Contribution to journal – Conference article – Annual report year: 2018 › Research › peer-review

Identification of optimum molten salts for use as heat transfer fluids in parabolic trough CSP plants. A techno-economic comparative optimization. / Pan, Christoph A.; Ferruzza, Davide; Guédez, Rafael; Dinter, Frank; Laumert, Björn; Haglind, Fredrik.
Research output: Contribution to journal – Conference article – Annual report year: 2018 › Research › peer-review

Impact of steam generator start-up limitations on the performance of a parabolic trough solar power plant. / Ferruzza, Davide; Topel, Monika; Laumert, Björn; Haglind, Fredrik.
Research output: Contribution to journal – Journal article – Annual report year: 2018 › Research › peer-review

Multi-objective optimization of organic Rankine cycle power systems for waste heat recovery on heavy-duty vehicles. / Imran, Muhammad; Haglind, Fredrik; Lemort, Vincent; Meroni, Andrea.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2018 › Research › peer-review

On the prediction of thermophysical properties of innovative fluids. / Mondejar, Maria E.; Haglind, Fredrik.
Research output: Contribution to conference › Poster – Annual report year: 2018 › Research › peer-review

Optimal start-up operating strategies for gas-boosted parabolic trough solar power plants. / Ferruzza, Davide; Topel, Monika; Laumert, Björn; Haglind, Fredrik.
Research output: Contribution to journal – Journal article – Annual report year: 2018 › Research › peer-review

Optimization of organic Rankine cycle power systems considering multistage axial turbine design. / Meroni, Andrea; Andreasen, Jesper Graa; Persico, Giacomo; Haglind, Fredrik.
Research output: Contribution to journal – Journal article – Annual report year: 2018 › Research › peer-review

Prediction of the annual performance of marine organic Rankine cycle power systems. / Baldasso, E.; Montagud, M. E.; Larsen, U.; Haglind, F.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2018 › Research › peer-review

Recent research trends in organic Rankine cycle technology: A bibliometric approach. / Imran, Muhammad; Haglind, Fredrik; Asim, Muhammad; Zeb Alvi, Jahan.

An experimental analysis of flow boiling and pressure drop in a brazed plate heat exchanger for organic Rankine cycle power systems. / Desideri, Adriano; Zhang, Ji; Kærn, Martin Ryhl; Ommen, Torben Schmidt; Wronski, Jorrit; Lemort, Vincent; Haglind, Fredrik.

A review of recent research on the use of zeotropic mixtures in power generation systems. / Modi, Anish; Haglind, Fredrik.

A review of solar energy based heat and power generation systems. / Modi, Anish; Bühler, Fabian; Andreasen, Jesper Graa; Haglind, Fredrik.

Corrigendum to "Flow boiling heat transfer and pressure drop characteristics of R134a, R1234yf and R1234ze in a plate heat exchanger for organic Rankine cycle units". [Int. J. Heat Mass Transfer 108 (2017) 1787–1801]. / Zhang, Ji; Desideri, Adriano; Kærn, Martin Ryhl; Ommen, Torben Schmidt; Wronski, Jorrit; Haglind, Fredrik.

Factors affecting the thermophysical properties of nanofluids. / Montagud, Maria E. Mondejar; Haglind, Fredrik.

Flow boiling heat transfer and pressure drop characteristics of R134a, R1234yf and R1234ze in a plate heat exchanger for organic Rankine cycle units. / Zhang, Ji; Desideri, Adriano; Kærn, Martin Ryhl; Ommen, Torben Schmidt; Wronski, Jorrit; Haglind, Fredrik.

Integrated working fluid-thermodynamic cycle design of organic Rankine cycle power systems for waste heat recovery. / Cignitti, Stefano; Andreasen, Jesper Graa; Haglind, Fredrik; Woodley, John; Abildskov, Jens.

Multi-disciplinary optimization of organic Rankine cycle power systems. / Haglind, Fredrik; Imran, Muhammad; Montagud, Maria E. Mondejar; Zhang, Ji; Zhu, Xiaowei.
Cogenerative Performance of a Wind − Gas Turbine − Organic Rankine Cycle Integrated System for Offshore Applications. / Bianchi, Michele; Branchini, Lisa; De Pascale, Andrea; Melino, Francesco ; Orlandini, Valentina; Peretto, Antonio; Haglind, Fredrik; Pierobon, Leonardo.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review

Combined Turbine and Cycle Optimization for Organic Rankine Cycle Power Systems—Part A : Turbine Model. / Meroni, Andrea; La Seta, Angelo; Andreasen, Jesper Graa; Pierobon, Leonardo; Persico, Giacomo; Haglind, Fredrik.
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Combined Turbine and Cycle Optimization for Organic Rankine Cycle Power Systems—Part B : Application on a Case Study. / La Seta, Angelo; Meroni, Andrea; Andreasen, Jesper Graa; Pierobon, Leonardo; Persico, Giacomo; Haglind, Fredrik.
In: Energies, Vol. 9, No. 6, 393, 2016.
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Dynamic performance of a novel offshore power system integrated with a wind farm. / Orlandini, Valentina; Pierobon, Leonardo; Schlæer, Signe; De Pascale, Andrea; Haglind, Fredrik.
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Experimental results for hydrocarbon refrigerant vaporization inside brazed plate heat exchangers at high pressure. / Desideri, Adriano; Ommen, Torben Schmidt; Wronski, Jorrit; Quoilin, Sylvain; Lemort, Vincent; Haglind, Fredrik.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review

Forbedring af industrielle processers energieffektivitet. / Cignitti, Stefano; Frutiger, Jerome; Zühlsdorf, Benjamin; Bühler, Fabian; Andreasen, Jesper Graa; Müller, Fridolin; Haglind, Fredrik; Elmegaard, Brian; Abildskov, Jens; Sin, Gürkan; Woodley, John.
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Communication

Model Predictive Control of Offshore Power Stations With Waste Heat Recovery. / Pierobon, Leonardo; Chan, Richard; Li, Xiangan; Lyngar, Krishna; Haglind, Fredrik; Ydstie, Erik.
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Optimization of Cycle and Expander Design of an Organic Rankine Cycle Unit using Multi-Component Working Fluids. / Meroni, Andrea; Andreasen, Jesper Graa; Pierobon, Leonardo; Haglind, Fredrik.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review

THERMCYC – Advanced Thermodynamic Cycles Utilizing Low Temperature Heat Sources. / Zühlsdorf, Benjamin; Mancini, Roberta; Bühler, Fabian; Andreasen, Jesper Graa; Meroni, Andrea; Elmegaard, Brian; Haglind, Fredrik.
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2016 › Research › peer-review
Thermoeconomic optimization of a Kalina cycle for a central receiver concentrating solar power plant. / Modi, Anish; Kærn, Martin Ryhl; Andreasen, Jesper Graa; Haglind, Fredrik.
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Working fluid selection for organic Rankine cycles - Impact of uncertainty of fluid properties. / Frutiger, Jerome; Andreasen, Jesper Graa; Liu, Wei; Spliethoff, Hartmut; Haglind, Fredrik; Abildskov, Jens; Sin, Gürkan.
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Analysis of hot spots in boilers of organic Rankine cycle units during transient operation. / Benato, A.; Kærn, Martin Ryhl; Pierobon, Leonardo; Stoppato, A.; Haglind, Fredrik.
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Design and optimization of a novel organic Rankine cycle with improved boiling process. / Andreasen, Jesper Graa; Larsen, U.; Knudsen, Thomas; Haglind, Fredrik.
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Design of organic Rankine cycle power systems accounting for expander performance. / La Seta, Angelo; Andreasen, Jesper Graa; Pierobon, Leonardo; Persico, Giacomo; Haglind, Fredrik.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2015 › Research › peer-review

Design of organic Rankine cycles using a non-conventional optimization approach. / Andreasen, J. G.; Larsen, Ulrik; Haglind, F.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2015 › Research › peer-review

Design optimization of a polygeneration plant producing power, heat, and lignocellulosic ethanol. / Lythcke-Jørgensen, Christoffer Ernst; Haglind, Fredrik.
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Development of a model for the prediction of the fuel consumption and nitrogen oxides emission trade-off for large ships. / Larsen, Ulrik; Pierobon, Leonardo; Baldi, Francesco; Haglind, Fredrik; Ivarsson, Anders.
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Economic optimization of a Kalina cycle for a parabolic trough solar thermal power plant. / Modi, Anish; Kærn, Martin Ryhl; Andreasen, J. G.; Haglind, F.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2015 › Research › peer-review
Micro-scale organic Rankine cycle units for industrial waste heat recovery. / Baldasso, Enrico; Olesen, Stephan; Haglind, Fredrik.
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2015 › Research › peer-review

Multi-objective optimization of organic Rankine cycle power plants using pure and mixed working fluids. / Andreasen, Jesper Graa; Kærn, Martin Ryhl; Pierobon, Leonardo; Larsen, Ulrik; Haglind, Fredrik.
Proceedings of the 3rd International Seminar on ORC Power Systems. ed. / V. Lemort; S. Quoilin; M. De Paepe; M. van den Broek. 2015. 32.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2015 › Research › peer-review

Part-load performance of a high temperature Kalina cycle. / Modi, Anish; Andreasen, Jesper Graa; Kærn, Martin Ryhl; Haglind, Fredrik.
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2015 › Research › peer-review

Thermodynamic optimisation and analysis of four Kalina cycle layouts for high temperature applications. / Modi, Anish; Haglind, Fredrik.
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

A comparison of advanced heat recovery power cycles in a combined cycle for large ships. / Larsen, Ulrik; Sigthorsson, Oskar; Haglind, Fredrik.
Research output: Contribution to journal › Conference article – Annual report year: 2014 › Research › peer-review

Application of unscented Kalman filter for condition monitoring of an organic Rankine cycle turbogenerator. / Pierobon, Leonardo; Schlanbusch, Rune; Kandepu, Rambabu; Haglind, Fredrik.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2014 › Research › peer-review

Design and modeling of an advanced marine machinery system including waste heat recovery and removal of sulphur oxides. / Frimann Nielsen, Rasmus; Haglind, Fredrik; Larsen, Ulrik.
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Design and optimization of air bottoming cycles for waste heat recovery in off-shore platforms. / Pierobon, Leonardo; Haglind, Fredrik.
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Design methodology for flexible energy conversion systems accounting for dynamic performance. / Pierobon, Leonardo; Casati, Emiliano; Casella, Francesco; Haglind, Fredrik; Colonna, Piero.
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review
Design optimization of flexible biomass-processing polygeneration plants using characteristic operation periods. / Lythcke-Jørgensen, Christoffer Ernst; Münster, Marie; Ensinas, Adriano V.; Haglind, Fredrik.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2014 › Research › peer-review

DNA - An integrated open-source optimization platform for thermo-fluid systems. / Pierobon, Leonardo; Wronski, Jorrit; Elmegaard, Brian; Haglind, Fredrik; Bell, Ian H.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2014 › Research › peer-review

Dynamic performance of a combined gas turbine and air bottoming cycle plant for off-shore applications. / Benato, Alberto; Pierobon, Leonardo; Breuhaus, Peter; Haglind, Fredrik; Iyengar, Krishna; Kandepu, Rambabu; Hana, Morten.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2014 › Research › peer-review

Dynamic performance of power generation systems for off-shore oil and gas platforms. / Pierobon, Leonardo; Breuhaus, Peter; Haglind, Fredrik; Iyengar, Krishna; Kandepu, Rambabu; Hana, Morten.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2014 › Research › peer-review

Energy and exergy analysis of the Kalina cycle for use in concentrated solar power plants with direct steam generation. / Knudsen, Thomas; Clausen, Lasse Røngaard; Haglind, Fredrik; Modi, Anish.
Research output: Contribution to journal › Conference article – Annual report year: 2014 › Research › peer-review

Exergy analysis of a combined heat and power plant with integrated lignocellulosic ethanol production. / Lythcke-Jørgensen, Christoffer Ernst; Haglind, Fredrik; Clausen, Lasse Røngaard.
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Feasibility of using ammonia-water mixture in high temperature concentrated solar power plants with direct vapour generation. / Modi, Anish; Knudsen, Thomas; Haglind, Fredrik; Clausen, Lasse Røngaard.
Research output: Contribution to journal › Conference article – Annual report year: 2014 › Research › peer-review

Multiple regression models for the prediction of the maximum obtainable thermal efficiency of organic Rankine cycles. / Larsen, Ulrik; Pierobon, Leonardo; Wronsli, Jorrit; Haglind, Fredrik.
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Optimal design of compact organic Rankine cycle units for domestic solar applications. / Barbazza, Luca; Pierobon, Leonardo; Miranda, Alberto; Haglind, Fredrik.
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Optimisation of a Kalina cycle for a central receiver solar thermal power plant with direct steam generation. / Modi, Anish; Haglind, Fredrik.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2014 › Research › peer-review
Part-Load Performance of a Wet Indirectly Fired Gas Turbine Integrated with an Organic Rankine Cycle Turbogenerator. / Pierobon, Leonardo; Nguyen, Tuong-Van; Mazzucco, Andrea; Larsen, Ulrik; Haglind, Fredrik.
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Performance analysis of a Kalina cycle for a central receiver solar thermal power plant with direct steam generation. / Modi, Anish; Haglind, Fredrik.
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Performance of ORC turbogenerators using zeotropic mixtures. / Gabrielli, Paolo; Andreasen, Jesper Graa; Pierobon, Leonardo; Haglind, Fredrik.
Research output: Contribution to conference › Poster – Annual report year: 2014 › Research

Selection and optimization of pure and mixed working fluids for low grade heat utilization using organic Rankine cycles. / Andreasen, Jesper Graa; Larsen, Ulrik; Knudsen, Thomas; Pierobon, Leonardo; Haglind, Fredrik.
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

System analysis and optimisation of a Kalina split-cycle for waste heat recovery on large marine diesel engines. / Larsen, Ulrik; Nguyen, Tuong-Van; Knudsen, Thomas; Haglind, Fredrik.
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Thermodynamic evaluation of the Kalina split-cycle concepts for waste heat recovery applications. / Nguyen, Tuong-Van; Knudsen, Thomas; Larsen, Ulrik; Haglind, Fredrik.
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Utilization of low temperature heat for environmentally friendly electricity production. / Andreasen, Jesper Graa; Elmegaard, Brian; Haglind, Fredrik.
Research output: Contribution to conference › Poster – Annual report year: 2014 › Research › peer-review

Utilization of low temperature heat for environmentally friendly electricity production. / Andreasen, Jesper Graa; Elmegaard, Brian; Haglind, Fredrik.
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2014 › Research › peer-review

Utilization of low-temperature heat sources for heat and power production. / Haglind, Fredrik; Elmegaard, Brian.
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2014 › Research › peer-review

Waste heat recovery technologies for offshore platforms. / Pierobon, Leonardo; Benato, Alberto ; Scolari, E.; Haglind, Fredrik; Stoppato, Anna.
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

A comparison of advanced heat recovery power cycles in a combined cycle for large ships. / Larsen, Ulrik; Haglind, Fredrik; Sigthorsson, Oskar.
Design and modeling of an advanced marine machinery system including waste heat recovery and removal of sulphur oxides. / Frimann Nielsen, Rasmus; Haglind, Fredrik; Larsen, Ulrik.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2013 › Research › peer-review

Design and optimisation of organic Rankine cycles for waste heat recovery in marine applications using the principles of natural selection. / Larsen, Ulrik; Pierobon, Leonardo; Haglind, Fredrik; Gabrielli, Cecilia.
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Exergetic assessment of energy systems on North Sea oil and gas platforms. / Nguyen, Tuong-Van; Pierobon, Leonardo; Elmegaard, Brian; Haglind, Fredrik; Breuhaus, Peter; Voldsund, Mari.
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Exergy analysis of a combined heat and power plant with integrated lignocellulosic ethanol production. / Lythcke-Jærgensen, Christoffer Ernst; Haglind, Fredrik; Clausen, Lasse Rangaard.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2013 › Research › peer-review

Experimental and numerical analysis of brazed plate heat exchangers for organic fluids. / Bennov, Lars; Wronski, Jorrit; Markussen, Wiebke Brix; Haglind, Fredrik.
Research output: Contribution to conference › Poster – Annual report year: 2013 › Research › peer-review

Modelling of a small scale reciprocating ORC expander for cogeneration applications. / Wronski, Jorrit; Oudkerk, Jean-Francois; Haglind, Fredrik.
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2013 › Research › peer-review

Multi-objective optimization of organic Rankine cycles for waste heat recovery: Application in an offshore platform. / Pierobon, Leonardo; Nguyen, Tuong-Van; Larsen, Ulrik; Haglind, Fredrik; Elmegaard, Brian.
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Multi-objective optimization of small scale organic Rankine cycles for domestic solar applications. / Barbazza, Luca; Pierobon, Leonardo; Haglind, Fredrik; Mirandola, Alberto.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2013 › Research › peer-review

Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2013 › Research › peer-review
Research output: Book/Report > Report – Annual report year: 2003 > Research

Ozonnedbrytande ämnen i relation till flygtrafik - frågor i anslutning till regleringsbrev angående ozon. / Haglind, Fredrik; Lindskog, Anne.

Carbon Dioxide Reduced Processes. / Svensson, Fredrik; Torisson, Tord.
Research output: Chapter in Book/Report/Conference proceeding > Article in proceedings – Annual report year: 2000 > Research