

# Ulrik Larsen

## List of Publications by Year in descending order

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17  
papers

952  
citations

623734

14  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

775  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-objective optimization of organic Rankine cycles for waste heat recovery: Application in an offshore platform. <i>Energy</i> , 2013, 58, 538-549.	8.8	170
2	Design and optimisation of organic Rankine cycles for waste heat recovery in marine applications using the principles of natural selection. <i>Energy</i> , 2013, 55, 803-812.	8.8	152
3	System analysis and optimisation of a Kalina split-cycle for waste heat recovery on large marine diesel engines. <i>Energy</i> , 2014, 64, 484-494.	8.8	90
4	Validation of a zero-dimensional model for prediction of NO <sub>x</sub> and engine performance for electronically controlled marine two-stroke diesel engines. <i>Applied Thermal Engineering</i> , 2012, 37, 344-352.	6.0	78
5	A comparison of advanced heat recovery power cycles in a combined cycle for large ships. <i>Energy</i> , 2014, 74, 260-268.	8.8	75
6	Thermodynamic analysis of an integrated gasification solid oxide fuel cell plant combined with an organic Rankine cycle. <i>Renewable Energy</i> , 2013, 60, 226-234.	8.9	67
7	Design and modeling of an advanced marine machinery system including waste heat recovery and removal of sulphur oxides. <i>Energy Conversion and Management</i> , 2014, 85, 687-693.	9.2	64
8	Comparison of different procedures for the optimisation of a combined Diesel engine and organic Rankine cycle system based on ship operational profile. <i>Ocean Engineering</i> , 2015, 110, 85-93.	4.3	52
9	Development of a model for the prediction of the fuel consumption and nitrogen oxides emission trade-off for large ships. <i>Energy</i> , 2015, 80, 545-555.	8.8	43
10	Technical and economic feasibility of organic Rankine cycle-based waste heat recovery systems on feeder ships: Impact of nitrogen oxides emission abatement technologies. <i>Energy Conversion and Management</i> , 2019, 183, 577-589.	9.2	40
11	Thermodynamic evaluation of the Kalina split-cycle concepts for waste heat recovery applications. <i>Energy</i> , 2014, 71, 277-288.	8.8	36
12	Part-Load Performance of a Wet Indirectly Fired Gas Turbine Integrated with an Organic Rankine Cycle Turbogenerator. <i>Energies</i> , 2014, 7, 8294-8316.	3.1	21
13	Multi-Objective Optimization of Organic Rankine Cycle Power Plants Using Pure and Mixed Working Fluids. <i>Energies</i> , 2016, 9, 322.	3.1	20
14	Selection of cooling fluid for an organic Rankine cycle unit recovering heat on a container ship sailing in the Arctic region. <i>Energy</i> , 2017, 141, 975-990.	8.8	14
15	Expansion of organic Rankine cycle working fluid in a cylinder of a low-speed two-stroke ship engine. <i>Energy</i> , 2017, 119, 1212-1220.	8.8	14
16	Using the forward movement of a container ship navigating in the Arctic to air-cool a marine organic Rankine cycle unit. <i>Energy</i> , 2018, 159, 1046-1059.	8.8	9
17	Regression Models for the Evaluation of the Techno-Economic Potential of Organic Rankine Cycle-Based Waste Heat Recovery Systems on Board Ships Using Low Sulfur Fuels. <i>Energies</i> , 2020, 13, 1378.	3.1	7