

# Jesper Graa Andreassen

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

898  
citations

567281

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h-index

677142

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

937  
citing authors

#	ARTICLE	IF	CITATIONS
1	Techno-economic feasibility analysis of zeotropic mixtures and pure fluids for organic Rankine cycle systems. Applied Thermal Engineering, 2021, 192, 116791.	6.0	27
2	Design of organic Rankine cycle power systems for maritime applications accounting for engine backpressure effects. Applied Thermal Engineering, 2020, 178, 115527.	6.0	18
3	Organic Rankine cycle-based waste heat recovery system combined with thermal energy storage for emission-free power generation on ships during harbor stays. Journal of Cleaner Production, 2020, 271, 122394.	9.3	13
4	Technical and economic feasibility of organic Rankine cycle-based waste heat recovery systems on feeder ships: Impact of nitrogen oxides emission abatement technologies. Energy Conversion and Management, 2019, 183, 577-589.	9.2	40
5	Assessment of Methods for Performance Comparison of Pure and Zeotropic Working Fluids for Organic Rankine Cycle Power Systems. Energies, 2019, 12, 1783.	3.1	8
6	Design and optimization of power hubs for Brazilian off-shore oil production units. Energy, 2019, 176, 656-666.	8.8	17
7	A review of the use of organic Rankine cycle power systems for maritime applications. Renewable and Sustainable Energy Reviews, 2018, 91, 126-151.	16.4	109
8	Optimization of organic Rankine cycle power systems considering multistage axial turbine design. Applied Energy, 2018, 209, 339-354.	10.1	41
9	Prospects of the use of nanofluids as working fluids for organic Rankine cycle power systems. Energy Procedia, 2017, 129, 160-167.	1.8	12
10	Integrated working fluid-thermodynamic cycle design of organic Rankine cycle power systems for waste heat recovery. Applied Energy, 2017, 203, 442-453.	10.1	46
11	A review of solar energy based heat and power generation systems. Renewable and Sustainable Energy Reviews, 2017, 67, 1047-1064.	16.4	189
12	Expansion of organic Rankine cycle working fluid in a cylinder of a low-speed two-stroke ship engine. Energy, 2017, 119, 1212-1220.	8.8	14
13	A Comparison of Organic and Steam Rankine Cycle Power Systems for Waste Heat Recovery on Large Ships. Energies, 2017, 10, 547.	3.1	55
14	Combined Turbine and Cycle Optimization for Organic Rankine Cycle Power Systems – Part A: Turbine Model. Energies, 2016, 9, 313.	3.1	19
15	Multi-Objective Optimization of Organic Rankine Cycle Power Plants Using Pure and Mixed Working Fluids. Energies, 2016, 9, 322.	3.1	20
16	Combined Turbine and Cycle Optimization for Organic Rankine Cycle Power Systems – Part B: Application on a Case Study. Energies, 2016, 9, 393.	3.1	14
17	Optimization of Cycle and Expander Design of an Organic Rankine Cycle Unit Using Multi-Component Working Fluids. , 2016, , .		2
18	Working fluid selection for organic Rankine cycles – Impact of uncertainty of fluid properties. Energy, 2016, 109, 987-997.	8.8	52

#	ARTICLE	IF	CITATIONS
19	Thermoeconomic optimization of a Kalina cycle for a central receiver concentrating solar power plant. Energy Conversion and Management, 2016, 115, 276-287.	9.2	53
20	An assessment of in-tube flow boiling correlations for ammonia-water mixtures and their influence on heat exchanger size. Applied Thermal Engineering, 2016, 93, 623-638.	6.0	13
21	Part-load performance of a high temperature Kalina cycle. Energy Conversion and Management, 2015, 105, 453-461.	9.2	23
22	Design and optimization of a novel organic Rankine cycle with improved boiling process. Energy, 2015, 91, 48-59.	8.8	13
23	Selection and optimization of pure and mixed working fluids for low grade heat utilization using organic Rankine cycles. Energy, 2014, 73, 204-213.	8.8	100