

# Roberto Scaccabarrozzi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9714058/publications.pdf>

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10  
papers

466  
citations

1040056

9  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

429  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamic analysis and numerical optimization of the NET Power oxy-combustion cycle. Applied Energy, 2016, 178, 505-526.	10.1	132
2	Techno-economic analysis of calcium looping processes for low CO2 emission cement plants. International Journal of Greenhouse Gas Control, 2019, 82, 244-260.	4.6	104
3	Comparison of working fluids and cycle optimization for heat recovery ORCs from large internal combustion engines. Energy, 2018, 158, 396-416.	8.8	81
4	Optimization of Organic Rankine Cycles for Waste Heat Recovery From Aluminum Production Plants. Frontiers in Energy Research, 2019, 7, .	2.3	37
5	Advanced part-load control strategies for the Allam cycle. Applied Thermal Engineering, 2020, 168, 114822.	6.0	33
6	Thermodynamic Optimization and Part-load Analysis of the NET Power Cycle. Energy Procedia, 2017, 114, 551-560.	1.8	28
7	Thermodynamic Optimization of heat recovery ORCs for heavy duty Internal Combustion Engine: pure fluids vs. zeotropic mixtures. Energy Procedia, 2017, 129, 168-175.	1.8	21
8	Preliminary Performance and Cost Evaluation of Four Alternative Technologies for Post-Combustion CO2 Capture in Natural Gas-Fired Power Plants. Energies, 2020, 13, 543.	3.1	19
9	Evaluation of Five Alternative CO2 Capture Technologies with Insights to Inform Further Development. Energy Procedia, 2017, 114, 2599-2610.	1.8	9
10	A Code for the Preliminary Design of Cooled Supercritical CO2 Turbines and Application to the Allam Cycle. Journal of Engineering for Gas Turbines and Power, 2022, 144, .	1.1	2