

Roberto Scaccabarozzi

List of Publications by Year in descending order

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Version: 2024-02-01

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