

Niccolo Le Brun

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

241
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

207
citing authors

#	ARTICLE	IF	CITATIONS
1	On the drag reduction effect and shear stability of improved acrylamide copolymers for enhanced hydraulic fracturing. <i>Chemical Engineering Science</i> , 2016, 146, 135-143.	3.8	39
2	Stochastic real-time operation control of a combined heat and power (CHP) system under uncertainty. <i>Energy Conversion and Management</i> , 2020, 216, 112916.	9.2	28
3	On the stoichiometry of zirconium carbide. <i>Scientific Reports</i> , 2020, 10, 6347.	3.3	28
4	Fuel cells as combined heat and power systems in commercial buildings: A case study in the food-retail sector. <i>Energy</i> , 2020, 206, 118046.	8.8	27
5	Technoeconomic analysis of internal combustion engine “ organic Rankine cycle systems for combined heat and power in energy-intensive buildings. <i>Applied Energy</i> , 2019, 253, 113462.	10.1	24
6	A roadmap investment strategy to reduce carbon intensive refrigerants in the food retail industry. <i>Journal of Cleaner Production</i> , 2020, 275, 123039.	9.3	17
7	Techno-economic potential of low-temperature, jacket-water heat recovery from stationary internal combustion engines with organic Rankine cycles: A cross-sector food-retail study. <i>Applied Energy</i> , 2020, 274, 115260.	10.1	16
8	Modelling of a real CO2 booster installation and evaluation of control strategies for heat recovery applications in supermarkets. <i>International Journal of Refrigeration</i> , 2019, 107, 288-300.	3.4	14
9	The development of a low-carbon roadmap investment strategy to reach Science Based Targets for commercial organisations with multi-site properties. <i>Building and Environment</i> , 2020, 186, 107311.	6.9	13
10	Transient freezing of water between two parallel plates: A combined experimental and modelling study. <i>International Journal of Heat and Mass Transfer</i> , 2020, 153, 119596.	4.8	12
11	On the link between experimentally measured turbulence quantities and polymer induced drag reduction in pipe flows. <i>AIChE Journal</i> , 2019, 65, e16662.	3.6	10
12	Energy performance and profitability of biomass boilers in the commercial sector: A case study in the UK. <i>Energy Procedia</i> , 2018, 148, 639-646.	1.8	7
13	A Galinstan-Filled Capillary Probe for Thermal Conductivity Measurements and Its Application to Molten Eutectic $\text{KNO}_3\text{-NaNO}_3\text{-NO}_2$ (HTS) up to 700 K. <i>International Journal of Thermophysics</i> , 2015, 36, 3222-3238.	2.1	6