

Luis M Rodr  -guez-Ant  n

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

354
citations

840585

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1125617

13
g-index

14
all docs

14
docs citations

14
times ranked

416
citing authors

#	ARTICLE	IF	CITATIONS
1	Power-to-SNG technology for energy storage at large scales. International Journal of Hydrogen Energy, 2016, 41, 19290-19303.	3.8	64
2	Integration of liquid air energy storage into the spanish power grid. Energy, 2019, 187, 115965.	4.5	42
3	Experimental determination of some physical properties of gasoline, ethanol and ETBE blends. Fuel, 2013, 112, 178-184.	3.4	34
4	Experimental determination of some physical properties of gasoline, ethanol and ETBE ternary blends. Fuel, 2015, 156, 81-86.	3.4	34
5	Physical properties of gasoline, isobutanol and ETBE binary blends in comparison with gasoline ethanol blends. Fuel, 2016, 166, 73-78.	3.4	33
6	Pre-investigation of water electrolysis for flexible energy storage at large scales: The case of the Spanish power system. International Journal of Hydrogen Energy, 2015, 40, 5544-5551.	3.8	31
7	High Pressure Physical Properties of Fluids used in Diesel Injection Systems. , 2000, , .		29
8	Power-to-SNG technologies by hydrogenation of CO2 and biomass resources: A comparative chemical engineering process analysis. International Journal of Hydrogen Energy, 2019, 44, 12544-12553.	3.8	24
9	Determination of rapeseed methyl ester oil volumetric properties in high pressure (0.1 to 350 MPa). Journal of Thermal Analysis and Calorimetry, 2007, 89, 13-19.	2.0	18
10	Volumetric properties at high pressure of waste oil methyl ester compared with diesel oil. Fuel, 2008, 87, 1934-1940.	3.4	13
11	Price arbitrage optimization of a photovoltaic power plant with liquid air energy storage. Implementation to the Spanish case. Energy, 2022, 239, 121957.	4.5	13
12	Physical properties of gasoline-ETBE-isobutanol (in comparison with ethanol) ternary blends and their impact on regulatory compliance. Energy, 2019, 185, 68-76.	4.5	12
13	Volumetric Properties of Sunflower Methyl Ester Oil at High Pressure. Journal of Agricultural and Food Chemistry, 2007, 55, 7394-7398.	2.4	5
14	Theoretical determination of distillation curves of gasoline, ethanol and ethyl tert-butyl ether ternary blends from the experimental distillation curve of gasoline. Fuel, 2022, 308, 122030.	3.4	2