

Pedro Haro

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

780
citations

566801

15
h-index

713013

21
g-index

23
all docs

23
docs citations

23
times ranked

1091
citing authors

#	ARTICLE	IF	CITATIONS
1	Bio-syngas to gasoline and olefins via DME – A comprehensive techno-economic assessment. Applied Energy, 2013, 108, 54-65.	5.1	117
2	Assessment of biomass energy sources and technologies: The case of Central America. Renewable and Sustainable Energy Reviews, 2016, 58, 1411-1431.	8.2	80
3	Technoeconomic assessment of potential processes for bio-ethylene production. Fuel Processing Technology, 2013, 114, 35-48.	3.7	62
4	Proving the climate benefit in the production of biofuels from municipal solid waste refuse in Europe. Journal of Cleaner Production, 2017, 142, 2887-2900.	4.6	59
5	Thermochemical biorefinery based on dimethyl ether as intermediate: Technoeconomic assessment. Applied Energy, 2013, 102, 950-961.	5.1	56
6	Facing the high share of variable renewable energy in the power system: Flexibility and stability requirements. Applied Energy, 2022, 310, 118561.	5.1	53
7	Improved syngas processing for enhanced Bio-SNG production: A techno-economic assessment. Energy, 2016, 101, 380-389.	4.5	50
8	Implementation of waste-to-energy options in landfill-dominated countries: Economic evaluation and GHG impact. Waste Management, 2018, 76, 443-456.	3.7	48
9	Technoeconomic assessment of lignocellulosic ethanol production via DME (dimethyl ether) hydrocarboxylation. Energy, 2012, 44, 891-901.	4.5	34
10	Elements partitioning during thermal conversion of sewage sludge. Fuel Processing Technology, 2019, 186, 156-166.	3.7	34
11	Potential routes for thermochemical biorefineries. Biofuels, Bioproducts and Biorefining, 2013, 7, 551-572.	1.9	32
12	Thermochemical biorefineries with multiproduction using a platform chemical. Biofuels, Bioproducts and Biorefining, 2014, 8, 155-170.	1.9	25
13	Environmental assessment of thermo-chemical processes for bio-ethylene production in comparison with bio-chemical and fossil-based ethylene. Journal of Cleaner Production, 2018, 202, 817-829.	4.6	25
14	Efficiency of packaging waste management in a European Union candidate country. Resources, Conservation and Recycling, 2018, 136, 130-141.	5.3	23
15	Comparative thermodynamic analysis of biomass gasification-based light olefin production using methanol or DME as the platform chemical. Chemical Engineering Research and Design, 2016, 115, 182-194.	2.7	20
16	Balance and saving of GHG emissions in thermochemical biorefineries. Applied Energy, 2015, 147, 444-455.	5.1	14
17	Gasification of Olive Tree Pruning in Fluidized Bed: Experiments in a Laboratory-Scale Plant and Scale-up to Industrial Operation. Energy & Fuels, 2017, 31, 542-554.	2.5	14
18	Techno-economic and operational assessment of concentrated solar power plants with a dual supporting system. Applied Energy, 2021, 302, 117600.	5.1	14

#	ARTICLE	IF	CITATIONS
19	The influence of volatiles to carrier gas ratio on gas and tar yields during fluidized bed pyrolysis tests. Fuel, 2018, 226, 81-86.	3.4	11
20	Rewarding of extra-avoided GHG emissions in thermochemical biorefineries incorporating Bio-CCS. Applied Energy, 2015, 157, 255-266.	5.1	8
21	EXPLORING THE REGENERATION OF MORDENITE CATALYST IN DIMETHYL ETHER CARBONYLATION REACTION. Revista Mexicana De Ingeniera Quimica, 2019, 19, 147-157.	0.2	1
22	THE ROLE OF ADVANCED WASTE-TO-ENERGY TECHNOLOGIES IN LANDFILL MINING. , 2017, , .		0
23	Data for the modelling of the future power system with a high share of variable renewable energy. Data in Brief, 2022, 42, 108095.	0.5	0