

Fidel Ernesto Vallejo Gallardo

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

92
citations

1478505

6
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

113
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of hydrothermal carbonization on the properties, devolatilization, and combustion kinetics of Chilean biomass residues. <i>Biomass and Bioenergy</i> , 2019, 130, 105387.	5.7	24
2	Valorization of oat husk by hydrothermal carbonization: Optimization of process parameters and anaerobic digestion of spent liquors. <i>Bioresource Technology</i> , 2022, 343, 126112.	9.6	13
3	Life cycle assessment for hydrothermal carbonization of urban organic solid waste in comparison with gasification process: A case study of Southern Chile. <i>Environmental Progress and Sustainable Energy</i> , 2021, 40, e13688.	2.3	12
4	Effect of socioeconomic status on the relationship between short-term exposure to PM2.5 and cardiorespiratory mortality and morbidity in a megacity: the case of Santiago de Chile. <i>Air Quality, Atmosphere and Health</i> , 2020, 13, 509-517.	3.3	11
5	Experimental Study on Hydrothermal Carbonization of Lignocellulosic Biomass with Magnesium Chloride for Solid Fuel Production. <i>Processes</i> , 2020, 8, 444.	2.8	11
6	A novel approach for prediction of mass yield and higher calorific value of hydrothermal carbonization by a robust multilinear model and regression trees. <i>Journal of the Energy Institute</i> , 2020, 93, 1755-1762.	5.3	11
7	Experimental study and validation of a kinetic scheme for hydrothermal carbonization reactions. <i>Biofuels</i> , 2022, 13, 461-466.	2.4	7
8	Drying process study of hydrothermal carbonized biomass. <i>Drying Technology</i> , 2022, 40, 273-283.	3.1	2