

# Josã© C Andrade

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

206  
citations

1307594

7  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

170  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flammability limits: A review with emphasis on ethanol for aeronautical applications and description of the experimental procedure. <i>Journal of Hazardous Materials</i> , 2012, 241-242, 32-54.	12.4	60
2	Flammability limits of hydrated and anhydrous ethanol at reduced pressures in aeronautical applications. <i>Journal of Hazardous Materials</i> , 2014, 280, 174-184.	12.4	31
3	Effects of injector tip design on the spray characteristics of soy methyl ester biodiesel in a blurry injector. <i>Renewable Energy</i> , 2016, 85, 287-294.	8.9	22
4	Flameless compact combustion system for burning hydrous ethanol. <i>Energy</i> , 2015, 89, 158-167.	8.8	19
5	EFFECTS OF NOZZLE EXIT GEOMETRY ON SPRAY CHARACTERISTICS OF A BLURRY INJECTOR. <i>Atomization and Sprays</i> , 2013, 23, 193-209.	0.8	19
6	Experimental Investigation of a Monopropellant Thruster Using Nitrous Oxide. <i>Journal of Aerospace Technology and Management</i> , 2014, 6, 363-372.	0.3	12
7	Characterization of the flame front inversion of Ethanol-Air deflagrations inside A closed tube. <i>Energy</i> , 2019, 187, 115932.	8.8	8
8	Design and study of a pure tire pyrolysis oil (TPO) and blended with Brazilian diesel using Y-Jet atomizer. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2019, 41, 1.	1.6	8
9	Prediction of flammability limits for ethanol-air blends by the Kriging regression model and response surfaces. <i>Fuel</i> , 2017, 210, 410-424.	6.4	7
10	Experimental determination of lower flammability limits of Synthesized Iso-Paraffins (SIP), jet fuel and mixtures at atmospheric and reduced pressures with air. <i>Fire Safety Journal</i> , 2021, 121, 103276.	3.1	7
11	Experimental Valuation Diagnostics of Hydrous Ethanol Sprays Formed by a Blurry Injector. <i>Journal of Aerospace Technology and Management</i> , 2013, 5, 197-204.	0.3	6
12	Smoldering characteristics of high bulk density peat. <i>Proceedings of the Combustion Institute</i> , 2021, 38, 5053-5062.	3.9	5
13	Temperature profile and gas emissions of jet fuel using a low power flameless combustor. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2022, 44, .	1.6	2