Gustavo Rodrigues de Souza

List of Publications by Year
in descending order

10 papers	137 citations	1478505 6 h-index	1720034 7 g-index
10 all docs	10 docs citations	10 times ranked	174 citing authors

#	Article	IF	Citations
1	Analysis of the emissions of volatile organic compounds from the compression ignition engine fueled by diesel–biodiesel blend and diesel oil using gas chromatography. Energy, 2008, 33, 1801-1806.	8.8	43
2	The determination of the activation energy of diesel and biodiesel fuels and the analysis of engine performance and soot emissions. Fuel Processing Technology, 2018, 174, 69-77.	7.2	37
3	Study of intake manifolds of an internal combustion engine: A new geometry based on experimental results and numerical simulations. Thermal Science and Engineering Progress, 2019, 9, 248-258.	2.7	23
4	Evaluation of the performance of biodiesel from waste vegetable oil in a flame tube furnace. Applied Thermal Engineering, 2009, 29, 2562-2566.	6.0	16
5	Análise por cromatografia gasosa de BTEX nas emissões de motor de combustão interna alimentado com diesel e mistura diesel-biodiesel (B10). Quimica Nova, 2008, 31, 539-545.	0.3	11
6	Utilization of a new approach for the potassium concentration of sugarcane vinasse by reverse osmosis: case study. International Journal of Environmental Science and Technology, 2019, 16, 6441-6446.	3.5	6
7	Influence of Al_2O_3 nanoparticles in a lubricating oil for reciprocating engines. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2023, 237, 178-189.	1.8	1
8	Evaluation on the influence of piping geometry and valve opening time on an internal combustion engine. Revista Principia, 2021, 1, 112.	0.1	0
9	Numerical Study to Achieve Low Fuel Consumption and Nitrogen Oxides Emissions in a Split-Cycle Engine Adapted from the Conventional Architecture. SAE International Journal of Engines, 0, 14, .	0.4	0
10	Influence of the Reaction Conditions on the Ester Content and Characterization of Biodiesel via Ethylic Route. Journal of ASTM International, 2012, 9, 1-8.	0.2	0