

# Saravanan Subramani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2036336/publications.pdf>

Version: 2024-02-01

21  
papers

828  
citations

687220

13  
h-index

752573

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

693  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of injection timing and anti-oxidants for multiple responses of CI engine fuelled with algae biodiesel blend. <i>Fuel</i> , 2021, 287, 119438.	3.4	14
2	Application of MRSN ratio and Taguchi parametric design in optimization of parameters of DI CI engine fuelled with diesel-biodiesel-higher alcohol blends. <i>Fuel</i> , 2021, 285, 119116.	3.4	7
3	Taguchi-based optimization of design and fuel parameters of partially premixed charge CI engine fuelled with biodiesel and butanol blends. <i>Environmental Progress and Sustainable Energy</i> , 2021, 40, e13635.	1.3	0
4	Numerical optimization of design and fuel factors and development of a statistical model for the emission control of DI CI engine. <i>Fuel</i> , 2020, 281, 118656.	3.4	2
5	Investigation on reduction in consequences of adding antioxidants into the algae biodiesel blend as a CI engine fuel. <i>Fuel</i> , 2020, 276, 117993.	3.4	15
6	Predictive correlations for NOx and smoke emission of DI CI engine fuelled with diesel-biodiesel-higher alcohol blends-response surface methodology approach. <i>Fuel</i> , 2020, 269, 117304.	3.4	40
7	Combined effect of oxygenates and injection timing for low emissions and high performance in a diesel engine using multi-response optimisation. <i>AEJ - Alexandria Engineering Journal</i> , 2019, 58, 625-636.	3.4	12
8	Using renewable n-octanol in a non-road diesel engine with some modifications. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2019, 41, 1194-1208.	1.2	58
9	Performance and emission analysis on blends of diesel, restaurant yellow grease and n-pentanol in direct-injection diesel engine. <i>Environmental Science and Pollution Research</i> , 2017, 24, 5381-5390.	2.7	55
10	Diesel reformulation using bio-derived propanol to control toxic emissions from a light-duty agricultural diesel engine. <i>Environmental Science and Pollution Research</i> , 2017, 24, 16725-16734.	2.7	20
11	Extraction and characterization of waste plastic oil (WPO) with the effect of n-butanol addition on the performance and emissions of a DI diesel engine fueled with WPO/diesel blends. <i>Energy Conversion and Management</i> , 2017, 131, 117-126.	4.4	137
12	1-Hexanol as a sustainable biofuel in DI diesel engines and its effect on combustion and emissions under the influence of injection timing and exhaust gas recirculation (EGR). <i>Applied Thermal Engineering</i> , 2017, 113, 1505-1513.	3.0	147
13	Combined effect of injection timing and exhaust gas recirculation (EGR) on performance and emissions of a DI diesel engine fuelled with next-generation advanced biofuel "diesel blends using response surface methodology. <i>Energy Conversion and Management</i> , 2016, 123, 470-486.	4.4	100
14	Use of some advanced biofuels for overcoming smoke/NOx trade-off in a light-duty DI diesel engine. <i>Renewable Energy</i> , 2016, 96, 687-699.	4.3	63
15	Application of an enhanced Taguchi method for simultaneous reduction of smoke and NOx emissions using oxygenated additives and retarded injection timing in a stationary diesel engine. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2016, 38, 1893-1906.	0.8	3
16	A Correlation for the Ignition Delay of a CI Engine Fuelled With Diesel and Biodiesel. <i>International Journal of Green Energy</i> , 2014, 11, 542-557.	2.1	22
17	Controlling NOx Emission of Crude Rice Bran Oil Blend for Sustainable Environment. <i>Clean - Soil, Air, Water</i> , 2011, 39, 515-521.	0.7	10
18	Effect of FFA of Crude Rice Bran Oil on the Properties of Diesel Blends. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2008, 85, 663-666.	0.8	17

#	ARTICLE	IF	CITATIONS
19	High Free Fatty Acid Crude Rice Bran Oil – A Renewable Feedstock for Sustainable Energy and Environment. <i>Clean - Soil, Air, Water</i> , 2008, 36, 835-839.	0.7	13
20	Combustion and emission characteristics of diesel engine fuelled with rice bran oil methyl ester and its diesel blends. <i>Thermal Science</i> , 2008, 12, 139-150.	0.5	45
21	Feasibility study of crude rice bran oil as a diesel substitute in a DI-CI engine without modifications. <i>Energy for Sustainable Development</i> , 2007, 11, 83-92.	2.0	48